

Paul Ford VP Product Design

Zach Zaharewicz
VP Applications and Design

SOLVING FOR LIGHT

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THE LIGHTING QUOTIENT

The Lighting Quotient LED Product Lines

tambient LED Task/Ambient (open plan office)







elliptipar LED Cove









S317



S318

elliptipar LED Outdoor









S315 S314

elliptipar LED Indoor







S316

































The Lighting Quotient Award Winners













































































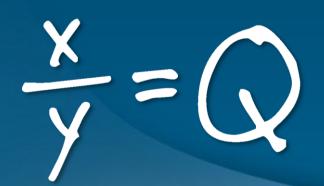






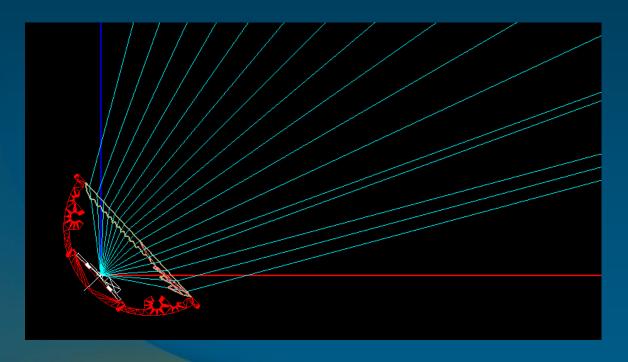
New elliptipar concealed LED





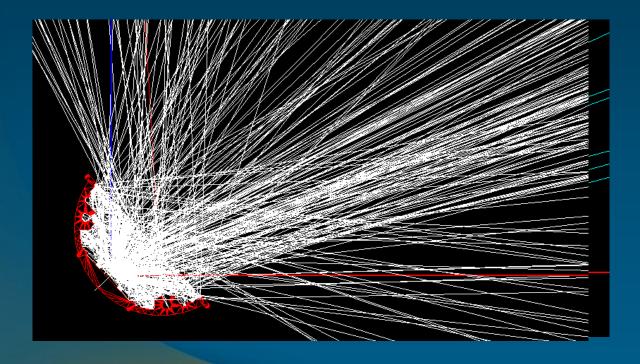
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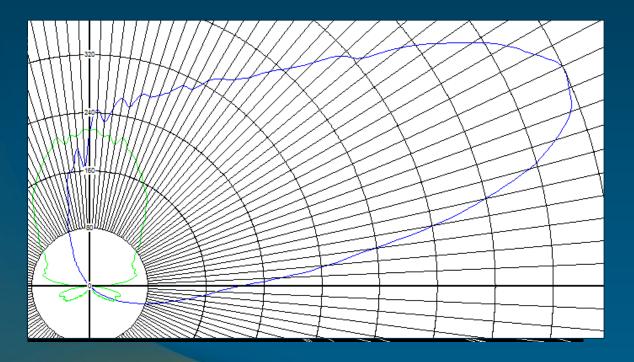
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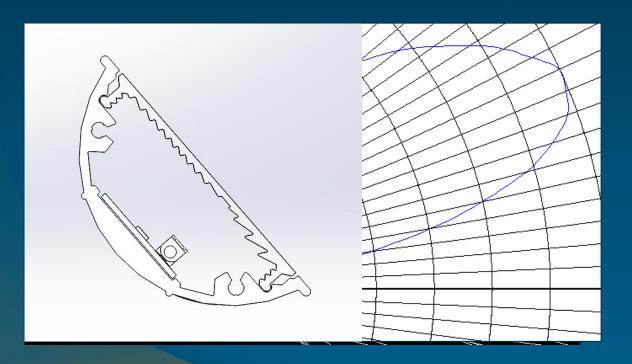


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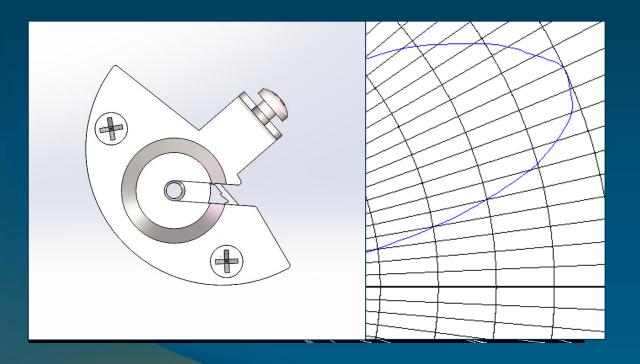
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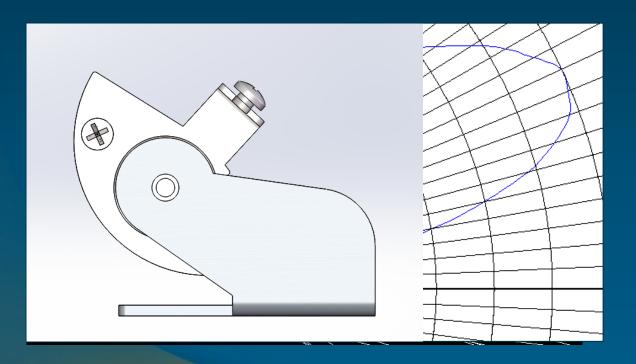
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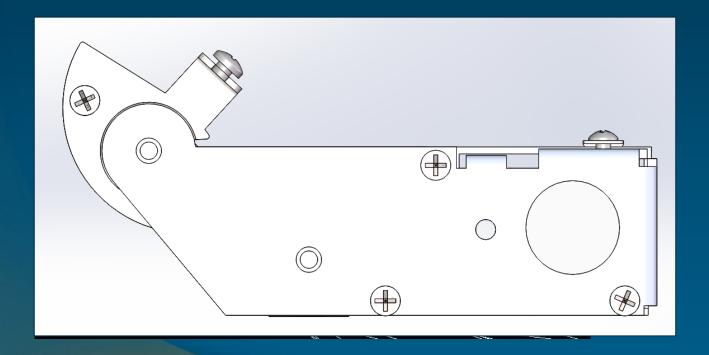
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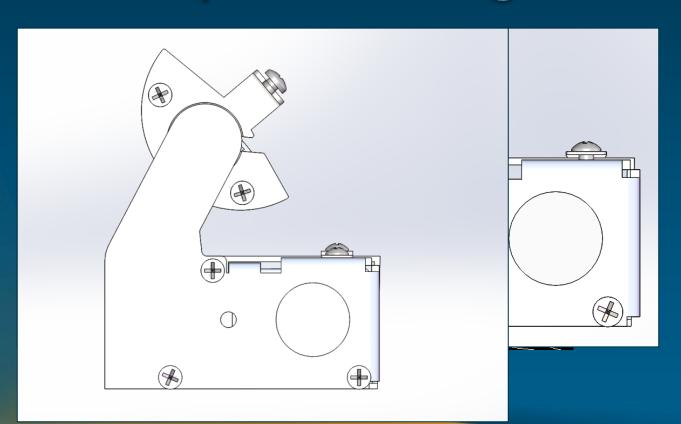
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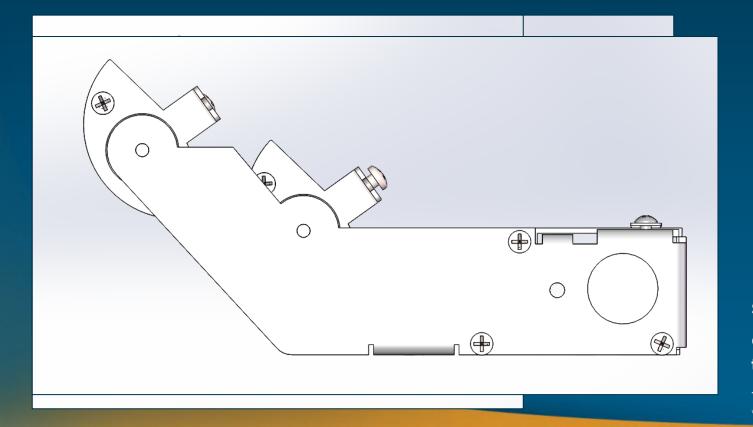
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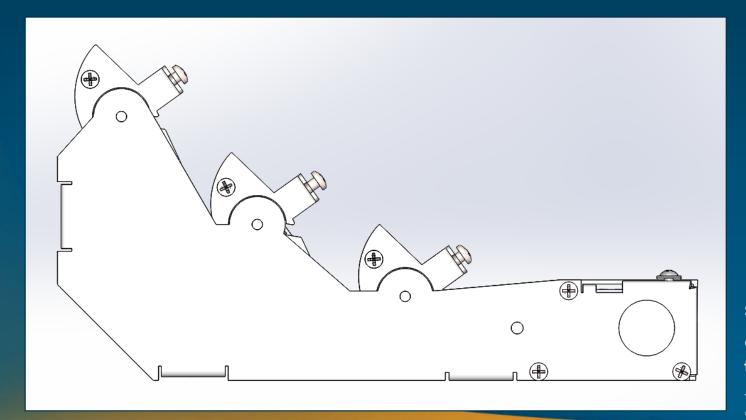
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Styles S314 S315 S316 S317 & S318

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elliptipar® next generation high performance cove





& S318

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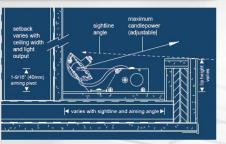


elliptipar® next generation high performance cove

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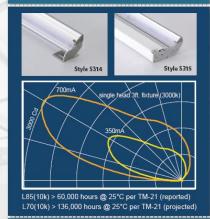






- High performance, smaller profile linear LED cove luminaires in five different body styles
- Fully adjustable and lockable aiming
- Proprietary refractive lens technology produces an asymmetric distribution – ideal for illuminating surfaces uniformly from one edge
- Precise optical control ensures virtually all of the light gets out of the cove and is delivered to the target surface
- Light output up to 1780 lumens per foot based on 4000K/80+CRI at 700mA (single head)
- Up to 16,000 lumens delivered (9' single head) several lumen packages available based on fixture length, drive current and color temperature
- Multiple dimming driver options including 0-10V analog, Reverse Phase/ELV/Trailing Edge, Forward phase/Triac/Leading edge and DALI

- High efficacy 127.0 lumens per watt (based on 3000K, 80+ CRI@ 700mA)
- Several CCT/CRI choices 2700K, 3000K, 3500K or 4000K, 80+ CRI (other CCT and CRI options available upon request)
- Excellent lumen maintenance -
- -L85(10k) > 60,000 hours @ 25°C per TM-21 (reported)
- -L70(10k) > 136,000 hours @ 25°C per TM-21 (projected)
- Programmable drivers are available allows designers to achieve a specific lighting power density or custom light level
- Continuous wireway channel with easy access cover - facilitates installation and driver maintenance
- Optional pre-wired harness with quick connectors – for fast, simple installation





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f in

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elliptipar* next generation high performance cove

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- High efficacy 127.0 lumens per watt (based on 3000K, 80+ CRI@ 700mA)
- Several CCT/CRI choices 2700K, 3000K, 3500K or 4000K, 80+ CRI (other CCT and CRI options available upon request)
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- Continuous wireway channel with easy access cover - facilitates installation and driver maintenance
- Optional pre-wired harness with quick connectors – for fast, simple installation

Style S314

Style S315

700mA single head 3n. fixture(3000k)

350mA

350mA

L85(10k) > 60,000 hours @ 25°C per TM-21 (reported)

L70(10k) > 136,000 hours @ 25°C per TM-21 (projected)



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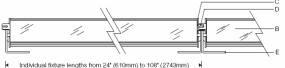
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- High performance, smaller profile linear LED cove luminaires in five different body styles
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- Light output up to 1780 lumens per foot based on 4000K/80+CRI at 700mA (single head)
- Up to 16,000 lumens delivered (9' single head) several lumen packages available based on fixture length, drive current and color temperature
- Multiple dimming driver options including O-10V analog, Reverse Phase/ELV/Trailing Edge, Forward phase/Triac/Leading edge and DALI

- High efficacy 121.3 lumens per watt (based on 3000K, 80+ CRI @ 700mA)
- Several CCT/CRI choices 2700K, 3000K, 3500K or 4000K, 80+ CRI (other CCT and CRI options available upon request)
- Excellent lumen maintenance –
 —L85(10k) > 60,000 hours (TM-21 reported)
- based on 10,000 hours of LM80 data)
 —L70 > 136,000 hours (TM-21 projected)
- Programmable drivers are available allows designers to achieve a specific lighting power density or custom light level
- Continuous wireway channel with easy access cover - facilitates installation and driver maintenance
- Optional pre-wired harness with quick connectors – for fast, simple installation

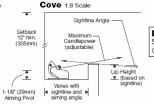
Style S314 1:4 Scale





Optical Assembly 1:2 Scale





Remote Driver

See remote LED driver document MA-1357 for dimensions and wiring, mounting instructions.

Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates with interlocking tabs
- Rotation locking tab with locking set screw
- E L-shaped mounting feet, one pair per optical assembly (fasteners by others)
- F Constant current LED board

Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens.

Finish:

Optic assembly – bright anodized aluminum. Mounting feet – mill finish aluminum. All hardware – stainless steel.

Mounting:

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Electrical:

Use 90°C wire for supply connections, 5' (1.5m) wire leads exit center of the housing.

Remote electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Aluminum driver enclosure includes (8) 7/8" dia. entries for supply wiring and low voltage receptacle(s) for connection to luminaire. Optional electronic dimming driver, compatible dimming controls (by others). Maximum wire length between electronic driver and fixture varies by manufacturer. See website for dimming compatibility and specifications.

Standard:

UL listed or CSA certified for dry location.

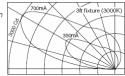
5 year warranty, maximum ambient temperature 45°C (113°F).

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly
- Remote driver ideal for MRI applications or where access to fixture is difficult

Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilings evenly.



SC 17.0

L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit thelightingquotient.com









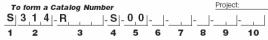
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To Order Style S314



1 Source

S = Solid state (LED)

2 Style

314 = Small linear concealed LED with remote driver

3 Length and Light Output

Length, number of LEDs, drive current, input power and

delivered lumens below.		
R02G = 2ft fixture, 72 LEDs @ 175mA,	6.8 watts, 93	
R02L = 2ft fixture, 72 LEDs @ 350mA,	13.6 watts, 172	5 lm
R02M = 2ft fixture, 72 LEDs @ 700mA,	27.2 watts, 329	5 lm
R03G = 3ft fixture, 108 LEDs @ 175mA,	10.2 watts, 140	2 lm
R03L = 3ft fixture, 108 LEDs @ 350mA,	20.4 watts, 258	7 Im
R03M = 3ft fixture, 108 LEDs @ 700mA,	40.8 watts, 494	2 lm
R04G = 4ft fixture, 144 LEDs @ 175mA,	13.6 watts, 186	9 lm
R04L = 4ft fixture, 144 LEDs @ 350mA,	27.2 watts, 345	0 lm
R04M = 4ft fixture, 144 LEDs @ 700mA,	54.3 watts, 658	9 lm
R05G = 5ft fixture, 180 LEDs @ 175mA,	17.0 watts, 233	6 lm
R05L = 5ft fixture, 180 LEDs @ 350mA,	34.0 watts, 431	2 lm
R05M = 5ft fixture, 180 LEDs @ 700mA,	67.9 watts, 823	7 Im
R06G = 6ft fixture, 216 LEDs @ 175mA,	20.4 watts, 280	3 lm
R06L = 6ft fixture, 216 LEDs @ 350mA,	40.8 watts, 517	5 lm
R06M = 6ft fixture, 216 LEDs @ 700mA,	81.5 watts, 988	4 lm
R07G = 7ft fixture, 252 LEDs @ 175mA,	23.8 watts, 327	1 lm
R07L = 7ft fixture, 252 LEDs @ 350mA,	47.6 watts, 603	7 lm
R07M = 7ft fixture, 252 LEDs @ 700mA,	95.1 watts, 1153	1 lm
R08G = 8ft fixture, 288 LEDs @ 175mA,	27.2 watts, 373	8 lm
R08L = 8ft fixture, 288 LEDs @ 350mA,	54.3 watts, 690	0 lm
R08M = 8ft fixture, 288 LEDs @ 700mA,	108.7 watts, 1317	9 lm
R09G = 9ft fixture, 324 LEDs @ 175mA,	30.6 watts, 420	5 lm
R09L = 9ft fixture, 324 LEDs @ 350mA,	61.1 watts, 776	2 lm

Based on 3000K/80+CRI, Click here for scaled performance table Note: Other drive currents are available, consult factory.

R09M = 9ft fixture, 324 LEDs @ 700mA, 122.3 watts, 14826 lm

4 Mounting

S = Sidearms with mounting tabs

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and remote driver enclosure; stainless steel luminaire hardware



6 Voltage/Driver

Flectronic Driver = 120-277V 3 = 347V

Electronic Dimmina Driver* M = 120-277V

K = 347V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

00 = No options OM = For use in MRI medical facility. MRI filters (by others) required on output of each remote driver. Consult factory prior to specification.

8 Destination Requirement

0 = UL listed or CSA certified for U.S.

J = UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80+ CRI 35 = 3500K, 80 + CRI 30 = 3000K, 80+ CRI 40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available; consult factory.

10 Dimming**

00 = Non-dimming

TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)

ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others

L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)

LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others) Note: EL is not suitable for MRI use (0M option).

ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%. DALI controls by others Note: ED is not suitable for MRI use (0M option)

**Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

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Accessories

Order separately, See Accessories Section for specifications.

AMR02050 = Accessory Magnetic Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB (5MHz to 10GHz). Note: one filter required per remote driver - consult factory for

number of drivers required per luminaire. AXC0810 = Accessory extension cord, black jacket 20AWG, long with plug and socket guick connectors at each end.



3ft/108 LEDs @ 700mA. 1647 lm/ft (3000K/80+CRI) shown >



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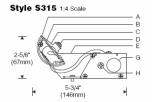
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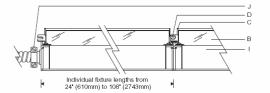
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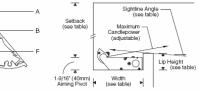
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Optical Assembly 1:2 Scale



Cove 1:8 Scale

Cove Dimensions

(maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°
Width	6-1/4"	7-1/2 *	7-1/2 '
(inside)	(159mm)	(190mm)	(190mm)
Lip (inside)	2-3/16*	1-5/8 "	1-1/2 '
	(56mm)	(41mm)	(38mm)
Setback	Recommendedminimum:12"(305mi for 350mA, 18" (457mm) for 700mA		2"(305mm) r 700mA

Note: Finish interior of cove matte white for best results.

- A Serviceable extruded aluminum heat sink/ housing
- C Stainless steel end plates with interlocking tabs
- (fasteners by others)
- locking set screw by others)
 - (one per fixture)
- Extruded aluminum driver housing and driver
- end, conduit and connections J Supply conduit and connectors by others

G Conduit entry (one each

F Constant current LED board

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly ■ Integral driver with optional pre-wired harness
- Low profile allows smaller cove height

Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilinas evenly.



SC

L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumer maintenance reports, visit theliahtinaauotient.com







Specifications

- B Extruded acrylic beam shaping lens

Housing and Optic Assembly:

All hardware - stainless steel.

D Rotation locking tab with

- E Aluminum side arm with adjustable mounting tab
 - H Driver/housing joiner screw

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Driver/wireway compartment includes one conduit entry at each end. Channel cover is removable for access to driver and wiring. Luminaires may be butted end-to-end (connectors by others) for through wiring. Optional #12 AWG prewired modular through wiring with guick connectors. Optional electronic dimming driver, compatible dimming controls (by others). See website for dimming compatibility and specifications.

Mounting:

Finish:

removable cover.

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Extruded aluminum heat sink/optic housing. Exterior heat

sink anodized for maximum emissivity. Stainless steel end

plates. Extruded acrylic refractive semi-diffuse asymmetric

beam shaping lens. Extruded aluminum driver housing and

Side arms and driver compartment - mill finish aluminum.

Optic assembly - bright anodized aluminum.

Standard:

UL listed or CSA certified for dry locations.

5 year warranty, maximum ambient temperature 45°C (113°F).

SOLVING FOR LIGHT

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THE LIGHTING **OUOTIENT**

To Order Style S315



1 Source

S = Solid state (LED)

2 Style

315 = Small linear concealed LED with integral driver

3 Length and Light Output

Length, number of LEDs, drive current, input power and delivered lumens below.

	activered farriers b			
	R02G = 2ft fixture,	72 LEDs @ 175mA,	6.8 watts,	
	R02L = 2ft fixture,	72 LEDs @ 350mA,	13.6 watts,	1725 lm
	R02M = 2ft fixture,	72 LEDs @ 700mA,	27.2 watts,	3295 lm
	R03G = 3ft fixture,	108 LEDs @ 175mA,	10.2 watts,	1402 lm
	R03L = 3ft fixture.	108 LEDs @ 350mA.	20.4 watts.	2587 lm
	R03M = 3ft fixture,	108 LEDs @ 700mA,	40.8 watts,	4942 lm
	R04G = 4ft fixture.	144 LEDs @ 175mA,	13.6 watts,	1869 lm
		144 LEDs @ 350mA,		
		144 LEDs @ 700mA.		
		180 LEDs @ 175mA,		
_		180 LEDs @ 350mA,		
ı		180 LEDs @ 700mA.		
ı		216 LEDs @ 175mA,		
ı		216 LEDs @ 350mA.		
ı		216 LEDs @ 700mA,		
ı		252 LEDs @ 175mA.		
		252 LEDs @ 350mA.		
			,	
		252 LEDs @ 700mA,		
		288 LEDs @ 175mA,		
		288 LEDs @ 350mA,		
		288 LEDs @ 700mA,		
		324 LEDs @ 175mA,		
	R09L = 9ft fixture,	324 LEDs @ 350mA,	61.1 watts,	7762 lm

R09M = 9ft fixture, 324 LEDs @ 700mA, 122.3 watts, 14826 Im Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory.

4 Mounting

S = Sidearms with mounting tabs

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and driver enclosure; stainless steel luminaire hardware



6 Voltage/Driver

Electronic Driver Electronic Dimming Driver*

8 = 120-277V M = 120-277V

3 = 347V K = 347V
*Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

00 = No options

0K = Modular through-wire harness with quick connectors

8 Destination Requirement

0 = UL listed or CSA certified for U.S.

J = UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80+ CRI

30 = 3000K, 80+ CRI

35 = 3500K, 80+ CRI 40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available; consult factory.

10 Dimming**

00 = Non-dimming

TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)

ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others

L3 = Lutron A-Series 120-277V input, dimming range 100%-1%. Lutron EcoBus dimming (controls by others)

LH = Lutron A-Series 120-277V input, dimming range

100%-1%, Lutron 3-wire dimming (controls by others)

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)

ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

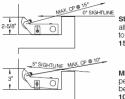
Note: Number of drivers varies with number of LEDs, drive current and driver type.

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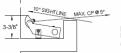
Adjustable Mounting Feet

The optical assembly is adjustable and lockable, in addition, the S315 is provided with mounting feet that can raise the optical assembly to achieve lower aiming angles.



Standard (low) position allows peak candlepower to be aimed as low as 15° above horizontal.

Middle position allows peak candlepower to be aimed as low as 10° above horizontal.



High position allows peak candlepower to be aimed as low as 5° above horizontal.

3ft/108 LEDs @ 700mA, 1647 lm/ft (3000K/80+CRI) shown >



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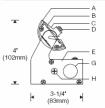


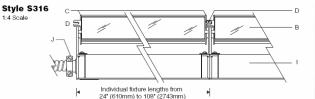
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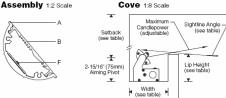
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18.1





Optical Assembly 1:2 Scale



1:4 Scale

Cove Dimensions

(maximum candlepower aimed 15° above horizon)

s	Sightline	o° (horiz. cutoff)	5°	10°
	Vidth	5-1/8 '	4-1/4 '	4-1/4"
	inside)	(130mm)	(108mm)	(108mm)
	. ip	4" 3-5/8'		3-1/4"
	inside)	(102mm) (92mm)		(83mm)
s	Setback	Recommended minimum: 12' (305mm) for 350mA, 18" (457mm) for 700mA		

Note: Finish interior of cove matte white for best results.

Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens
- Stainless steel end plates with interlocking tabs
- D Rotation locking tab with locking set screw
- E Aluminum side arm with adjustable mounting tab (fasteners by others)
- Constant current LED board G Conduit entry (one each end, conduit and connectors by
 - H Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and cover Supply conduit and connections by others

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly
- Integral driver with optional pre-wired harness
- Slim profile ideal for tight coves

Housing and Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens. Extruded aluminum driver housing and removable cover.

Finish:

Optic assembly – bright anodized aluminum. Side arms and driver compartment - mill finish aluminum. All hardware - stainless steel.

Mounting:

8/16

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Electrical:

others)

Use 90°C wire for supply connections. Integral electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Driver/wireway compartment includes one conduit entry at each end. Channel cover is removable for access to driver and wiring. Luminaires may be butted end-to-end (connectors by others) for through wiring. Optional #12 AWG prewired modular through-wiring with guick connectors. Optional electronic dimming driver, compatible dimmina controls (by others). See website for dimmina compatibility and specifications.

Standard:

UL listed or CSA certified for dry location.

5 year warranty, maximum ambient temperature 45°C (113°F).

Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilinas eventv.



L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumer maintenance reports, visit thelighting quotient.com











IG FOR LIGHT



SC 17.





To Order

To form a Catalog Number | 3 1 6 |₋ R SI_ 0 0 I_

1 Source

S = Solid state (LED)

2 Style

316 = Small linear concealed LED with integral driver

3 Length and Light Output

Length, number of LEDs, drive current, input power and

	delivered lumens b	elow.			
	R02G = 2ft fixture,	72 LEDS	@ 175mA,	6.8 watts,	934 Im
	R02L = 2ft fixture,	72 LEDs	@ 350mA,	13.6 watts,	1725 lm
	R02M = 2ft fixture,	72 LEDs	@ 700mA,	27.2 watts,	3295 lm
	R03G = 3ft fixture,	108 LEDs	@ 175mA,	10.2 watts,	1402 lm
	R03L = 3ft fixture,	108 LEDS	@ 350mA,	20.4 watts,	2587 lm
	R03M = 3ft fixture,	108 LEDs	@ 700mA,	40.8 watts,	4942 lm
	R04G = 4ft fixture,	144 LEDS	@ 175mA,	13.6 watts,	1869 lm
	R04L = 4ft fixture,	144 LEDs	@ 350mA,	27.2 watts,	3450 lm
	R04M = 4ft fixture,	144 LEDS	@ 700mA,	54.3 watts,	6589 lm
	R05G = 5ft fixture,	180 LEDS	@ 175mA,	17.0 watts,	2336 lm
_	R05L = 5ft fixture,	180 LEDs	@ 350mA,	34.0 watts,	4312 lm
	R05M = 5ft fixture,	180 LEDs	@ 700mA,	67.9 watts,	8237 lm
	R06G = 6ft fixture,	216 LEDs	@ 175mA,	20.4 watts,	2803 lm
	R06L = 6ft fixture,	216 LEDs	@ 350mA,	40.8 watts,	5175 lm
	R06M = 6ft fixture,	216 LEDs	@ 700mA,	81.5 watts,	9884 lm
1	R07G = 7ft fixture,	252 LEDs	@ 175mA,	23.8 watts,	3271 lm
_	R07L = 7ft fixture,	252 LEDs	@ 350mA,	47.6 watts,	6037 lm
	R07M = 7ft fixture,	252 LEDs	@ 700mA,	95.1 watts,	11531 lm
	R08G = 8ft fixture,	288 LEDs	@ 175mA,	27.2 watts,	3738 lm
	R08L = 8ft fixture,	288 LEDs	@ 350mA,	54.3 watts,	6900 lm
	R08M = 8ft fixture,	288 LEDs	@ 700mA,	108.7 watts,	13179 lm
	R09G = 9ft fixture,	324 LEDs	@ 175mA,	30.6 watts,	4205 lm
	R09L = 9ft fixture,	324 LEDs	@ 350mA,	61.1 watts,	7762 lm
	R09M = 9ft fixture,	324 LEDs	@ 700mA,	122.3 watts,	14826 lm

Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory.

4 Mounting

S = Sidearms with mounting tabs

5 Finish

00 = Anodized optical housing/heat sink; mill finish sidearms and driver enclosure; stainless steel luminaire hardware



Electronic Driver = 120-277V

Electronic Dimmina Driver* M = 120-277V

3 = 347VK = 347V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

0K = Modular through-wire harness with quick connectors

8 Destination Requirement

0 = UL listed or CSA certified for U.S.

= UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80+ CRI

00 = No options

30 = 3000K, 80+ CRI

35 = 3500K, 80+ CRI 40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available: consult factory.

10 Dimming**

00 = Non-dimming

TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)

ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others

L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)

LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)

ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

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114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelighting quotient.com Type:

Example

S316-R06L-S-00-L-00-0-35-ZX

Style S316

Small concealed LED, 6 foot long (1.82m) luminaire driven at 350mA. Anodized aluminum housing, mill finish integral driver enclosure, 120-277V input, 0-10V analog dimming controls by others. UL listed or CSA certified for U.S., dry location. 3500K/80+ CRL



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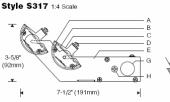


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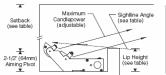




Optical Assembly 1:2 Scale

Cove 1:8 Scale

Cove Dimensions (maximum candlepower aimed 15° above horizontal)



Width

(see table)

Sightline (horiz, cutoff)

Width	11 '	8-1/4*	8-1/4 '
(inside)	(279mm)	(210mm)	(210mm)
Lip (inside)	3-5/8"	2-7/8 *	2-5/8 '
	(92mm)	(73mm)	(67mm)
Setback	Recommendedminimum:18"(457mm)		

Note: Finish interior of cove matte white for best results.

Specifications

- A Serviceable extruded aluminum heat sink/ housings
- B Extruded acrylic
- beam shaping lens
- - E Aluminum side arm with (fasteners by others)
- C Stainless steel end plates F Constant current LED board with interlocking tabs
 - D Rotation locking tab with locking set screw
 - adjustable mounting tab
- G Conduit entry (one each end. conduit and connections J by others)
- H Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver
- housing and driver Supply conduit and connectors by others

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assemblies
- Integral driver with optional pre-wired harness

Housing and Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens. Extruded aluminum driver housing and removable cover.

Finish:

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Optic assembly - bright anodized aluminum. Side arms and driver compartment - mill finish aluminum. All hardware - stainless steel.

Mounting:

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Driver/wireway compartment includes one conduit entry at each end. Channel cover is removable for access to driver and wiring. Luminaires may be butted end-to-end (connectors by others) for through wiring. Optional #12 AWG prewired modular through wiring with guick connectors. Optional electronic dimming driver, compatible dimming controls (by others). See website for dimming compatibility and specifications.

Standard:

UL listed or CSA certified for dry locations.

5 year warranty, maximum ambient temperature 45°C (113°F).

Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilinas evenly.



L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit theliahtinaauotient.com





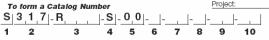






To Order Style S317

Type:



1 Source

S = Solid state (LED)

2 Style

315 = Small linear concealed dual head LED, integral driver

3 Drive Current/Length/No. of LEDs

Solid State LED linear drive current, fixture length, number of emitters, options below.

Lumen/Wattage Options:

	R02L = 2ft fixture,	144 LEDs @ 350mA,	27.2 watts,	3450 lm
	R02M = 2ft fixture,	144 LEDs @ 700mA,	54.4 watts,	6590 lm
	R03L = 3ft fixture,	216 LEDs @ 350mA,	40.8 watts,	5174 lm
	R03M = 3ft fixture,	216 LEDs @ 700mA,	81.6 watts,	9884 Im
	R04L = 4ft fixture,	288 LEDs @ 350mA,	81.6 watts,	6900 Im
	R04M = 4ft fixture,	288 LEDs @ 700mA,	108.6 watts,	13178 lm
	R05L = 5ft fixture,	360 LEDs @ 350mA,	68.0 watts,	8624 Im
	R05M = 5ft fixture,	360 LEDs @ 700mA,	135.8 watts,	16474 Im
	R06L = 6ft fixture,	432 LEDs @ 350mA,	81.6 watts,	10350 lm
1	R06M = 6ft fixture,	432 LEDs @ 700mA,	163.0 watts,	19768 lm
	R07L = 7ft fixture,	504 LEDs @ 350mA,	95.2 watts,	12074 Im
	R07M = 7ft fixture,	504 LEDs @ 700mA,	190.2 watts,	23062 lm
	R08L = 8ft fixture,	576 LEDs @ 350mA,	108.6 watts,	13800 lm
	R08M = 8ft fixture,	576 LEDs @ 700mA,	217.4 watts,	26358 lm
	R09I = 9ff fixture	648 LFDs @ 350mA	122.2 watts.	15524 Im

R09M = 9ft fixture. 648 LEDs @ 700mA. 244.6 watts. 29652 lm Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory.

4 Mounting

S = Sidearms with mounting tabs

5 Finish

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00 = Anodized optical housing/heat sink; mill finish brackets and driver enclosure; stainless steel luminaire hardware

6 Voltage/Driver

Electronic Driver Electronic Dimmina Driver* 8 = 120-277V M = 120-277V

3 = 347VK = 347V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

00 = No options

0K = Modular through-wire harness with guick connectors

8 Destination Requirement

- 0 = UL listed or CSA certified for U.S.
- J = UL listed or CSA certified for Canada

9 Color Temperature

- 27 = 2700K. 80+ CRI 30 = 3000K, 80+ CRI
- 35 = 3500K, 80+ CRI
- 40 = 4000K, 80+ CRI

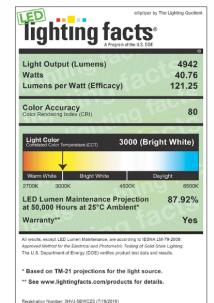
Note: Additional CCT and CRI options are available: consult factory.

10 Dimming**

- 00 = Non-dimming
- TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)
- ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%. DALI controls by others

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and



3ft/108 LEDs @ 700mA, 1647 lm/ft (3000K/ 80+CRI) shown, refers to a single head of the dual-head fixture

Model Number: \$315-R03M-S-00-8-00-0-30-00

Type: Luminaire - Cove



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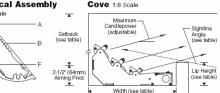






Style \$318 1:4 Scale (130 mm) ₹ Individual fixture lengths from 10" (254mm)

Optical Assembly 1:2 Scale



24" (610mm) to 108" (2743mm) **Cove Dimensions**

(maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°
Width	19"	14-1/4"	11-1/4"
(inside)	(483mm)	(362mm)	(286mm)
Lip (inside)	5-1/8*	3-7/8 *	3"
	(130mm)	(98mm)	(76mm)
Setback	Recommendedminimum: 18*(457mm)		

Note: Finish interior of cove matte white for best results.

Specifications

- A Serviceable extruded aluminum heat sink/ housings
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates with interlocking tabs D Rotation locking tab with
- locking set screw E Aluminum side arm with
 - adjustable mounting tab (fasteners by others)
- F Constant current LED board
- G Conduit entry (one each end. conduit and connections J by others)
 - H Driver/housing joiner screw (one per fixture)
- **Features** Extruded aluminum driver housing and driver
- Supply conduit and connectors by others

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assemblies
- Integral driver with optional pre-wired harness

Housing and Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens. Extruded aluminum driver housing and removable cover.

Finish:

Optic assembly - bright anodized aluminum. Side arms and driver compartment - mill finish aluminum. All hardware - stainless steel.

Mounting:

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Driver/wireway compartment includes one conduit entry at each end. Channel cover is removable for access to driver and wiring. Luminaires may be butted end-to-end (connectors by others) for through wiring. Optional #12 AWG prewired modular through wiring with guick connectors. Optional electronic dimming driver, compatible dimming controls (by others). See website for dimming compatibility and specifications.

Standard:

UL listed or CSA certified for dry locations. 5 year warranty, maximum ambient temperature 45°C (113°F).

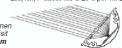
Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilinas evenly.



L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit theliahtinaauotient.com















SC

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To Order Style S318

1 Source

S = Solid state (LED)

2 Style

315 = Small linear concealed triple head LED, integral driver

3 Drive Current/Length/No. of LEDs

Solid State LED **linear** drive current, fixture length, number of emitters, options below.

Lumen/Wattage Options:

R02L = 2ft fixture, 216 LEDs @ 350mA, 40.8 watts, 5175 lm R02M = 2ft fixture, 216 LEDs @ 700mA, 81.6 watts, 9885 lm R03L = 3ft fixture, 324 LEDs @ 350mA, 61.2 watts, 7761 lm R03M = 3ft fixture, 324 LEDs @ 700mA, 122.4 watts, 14826 lm R04L = 4ft fixture, 432 LEDs @ 350mA, 81.6 watts, 10350 lm R04M = 4ft fixture. 432 LEDs @ 700mA, 162.9 watts, 19767 lm R05L = 5ft fixture, 540 LEDs @ 350mA, 102.0 watts, 12936 lm R05M = 5ft fixture. 540 LEDs @ 700mA. 203.7 watts. 24711 lm R06L = 6ft fixture, 648 LEDs @ 350mA, 122.4 watts, 15525 lm R06M = 6ft fixture, 648 LEDs @ 700mA, 244.5 watts, 29652 lm R07L = 7ft fixture, 756 LEDs @ 350mA, 142.8 watts, 18111 lm R07M = 7ft fixture, 756 LEDs @ 700mA, 285.3 watts, 34593 lm R08L = 8ft fixture, 864 LEDs @ 350mA, 162.9 watts, 20700 lm R08M = 8ft fixture, 864 LEDs @ 700mA, 326.1 watts, 39537 lm R09L = 9ft fixture. 972 LEDs @ 350mA. 183.3 watts, 23286 lm R09M = 9ft fixture, 972 LEDs @ 700mA, 366.9 watts, 44478 lm

Based on 3000K/80+CRI. Click here for scaled performance table.

Note: Other drive currents are available, consult factory.



S = Sidearms with mounting tabs

5 Finish

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00 = Anodized optical housing/heat sink; mill finish brackets and driver enclosure; stainless steel luminaire hardware

6 Voltage/Driver

Electronic Driver Electronic Dimming Driver*

8 = 120-277V M = 120-277V

3 = 347V K = 347V

*Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)
00 = No options

0K = Modular through-wire harness with quick connectors

8 Destination Requirement

- 0 = UL listed or CSA certified for U.S.
- J = UL listed or CSA certified for Canada

9 Color Temperature

- 27 = 2700K, 80+ CRI
- 30 = 3000K, 80+ CRI
- 35 = 3500K, 80+ CRI
- 40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available; consult factory.

10 Dimming**

- 00 = Non-dimming
- TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)
- ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.



Type:

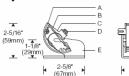
3ft/108 LEDs @ 700mA, 1647 lm/ft (3000K/80+CRI) shown, refers to a single head of the triple-head fixture

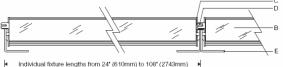


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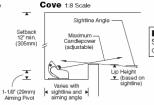
Style S314 1:4 Scale





Optical Assembly 1:2 Scale





Remote Driver

See remote LED driver document MA-1357 for dimensions and wiring, mounting instructions.

Specifications

Optic Assembly:

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens
- Stainless steel end plates with interlocking tabs
- Rotation locking tab with locking set screw
- E L-shaped mounting feet, one pair per optical assembly (fasteners by others)
- F Constant current LED board

Electrical:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens.

Finish:

Optic assembly – bright anodized aluminum. Mounting feet – mill finish aluminum. All hardware – stainless steel.

Mounting:

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Use 90°C wire for supply connections. 5' (1.5m) wire leads exit center of the housing.

Remote electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Aluminum driver enclosure includes (8) 7/8" dia. entries for supply wiring and low voltage receptacle(s) for connection to luminaire. Optional electronic dimming driver, compatible dimming controls (by others). Maximum wire length between electronic driver and fixture varies by manufacturer. See website for dimming compatibility and specifications.

Standard:

UL listed or CSA certified for dry location.

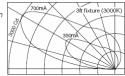
5 year warranty, maximum ambient temperature 45°C (113°F).

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly
- Remote driver ideal for MRI applications or where access to fixture is difficult

Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilings evenly.



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L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit thelightingquotient.com







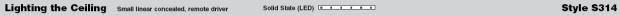


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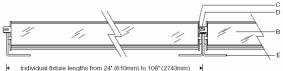


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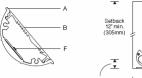


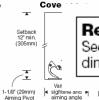


Remote Driver



Optical Assembly 1:2 Scale





Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates with interlocking tabs
- D Rotation locking tab with locking set screw
- E L-shaped mounting feet one pair per optical assembly (fasteners by others)
- F Constant current LED board

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly
- Remote driver ideal for MRI applications or where access to fixture is difficult

Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens.

Finish:

Optic assembly - bright anodized aluminum. Mounting feet - mill finish aluminum. All hardware - stainless steel.

Mounting:

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Electrical:

Use 90°C wire for supply connections, 5' (1.5m) wire leads exit center of the housing.

Remote electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Aluminum driver enclosure includes (8) 7/8" dia. entries for supply wiring and low voltage receptacle(s) for connection to luminaire. Optional electronic dimming driver, compatible dimming controls (by others). Maximum wire length between electronic driver and fixture varies by manufacturer. See website for dimming compatibility and specifications.

Standard:

UL listed or CSA certified for dry location.

5 year warranty, maximum ambient temperature 45°C (113°F).

Performance

Precisely extruded acrylic lens produces an asymmetric distribution idéal for illuminatina ceilinas eventv.



SC 17.0

L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit thelighting quotient.com





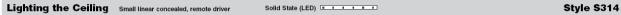


SOLVING FOR LIGHT

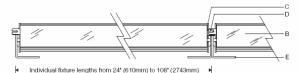
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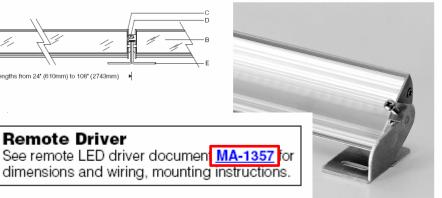
THE LIGHTING **OUOTIENT**



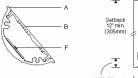
Style \$314 1:4 Scale $\overline{\mathbf{A}}$ 2-5/16* (59mm) (67mm)

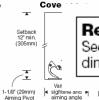


Remote Driver



Optical Assembly 1:2 Scale





Specifications

Optic Assembly:

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates with interlocking tabs
- D Rotation locking tab with locking set screw
- E L-shaped mounting feet one pair per optical assembly (fasteners by others)
- F Constant current LED board

Electrical:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens.

Finish:

Optic assembly - bright anodized aluminum. Mounting feet - mill finish aluminum. All hardware - stainless steel.

Mounting:

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Use 90°C wire for supply connections, 5' (1.5m) wire leads exit center of the housing.

Remote electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Aluminum driver enclosure includes (8) 7/8" dia. entries for supply wiring and low voltage receptacle(s) for connection to luminaire. Optional electronic dimming driver, compatible dimming controls (by others). Maximum wire length between electronic driver and fixture varies by manufacturer. See website for dimming compatibility and specifications.

Standard:

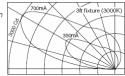
UL listed or CSA certified for dry location. 5 year warranty, maximum ambient temperature 45°C (113°F).

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly
- Remote driver ideal for MRI applications or where access to fixture is difficult

Performance

Precisely extruded acrylic lens produces an asymmetric distribution idéal for illuminatina ceilinas eventv.



SC 17.0

L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit thelighting quotient.com





SOLVING FOR LIGHT

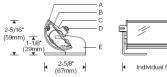
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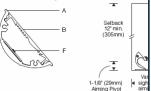
THE LIGHTING **OUOTIENT**

Lighting the Ceiling Small linear conce

Style \$314 1:4 Scale



Optical Assembly 1:2 Scale Cove



Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens
- C Stainless ste with interlock
 - D Rotation lock locking set s

Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior I anodized for maximum emissivity. Stainless steel end Extruded acrylic refractive semi-diffuse asymmetric b shaping lens.

Finish:

Optic assembly - bright anodized aluminum. Mounting feet - mill finish aluminum. All hardware - stainless steel

Mounting:

Lay-in installation, side arms with mounting tabs can be wall mounted (fasteners by others). Luminaires can be individually or joined together to form a continuous row assembly aiming is adjustable and is fixed in position rotation locking screws at each side arm. When mount continuous row, assemblies lock together allowing all i to be aimed together.

RCDI

Remote LED Driver

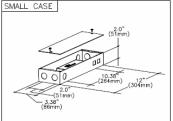
WARNING - RISK OF FIRE AND ELECTRIC SHOCK. THIS PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. CAUTION - BE SURE POWER IS DISCONNECTED PRIOR TO WIRING.

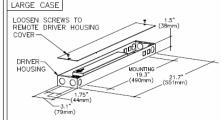
INSTALL IN ACCORDANCE WITH ALL N.E.C. AND LOCAL ELECTRICAL CODES.

MOUNTING AND WIRING INSTRUCTIONS:

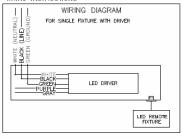
- 1. INSTALL LUMINAIRE PER INSTRUCTION SHEET PROVIDED WITH LUMINAIRE
- 2. LOOSEN SCREW AND REMOVE DRIVER HOUSING COVER.
- NOTE: FOR MRI APPLICATIONS, INSTALL MRI FILTER (BY OTHERS) ON EACH DRIVER OUTPUT.
- 3. ESTABLISH REMOTE LOCATION FOR DRIVER HOUSING(S) AND FASTEN IN PLACE.
- 4. RUN SUPPLY TO REMOVE DRIVER(S) AND MAKE SUPPLY CONNECTIONS (BLACK TO LINE, WHITE TO NEUTRAL, GREEN TO GROUND).
- 5. RUN CORD(S) FROM FIXITURE TO REMOTE DRIVER(S)
- 6. INSTALL CONNECTOR TO CORD PER MA-1333
- 7. MATCH CURRENT RATING ON WIRE LABEL TO LABEL ON REMOTE DRIVER PORT (EXAMPLE: 700mA CORD TO 700mA PORT) AND PLUG WIRE INTO PORT
- 8. REINSTALL DRIVER COVER(S) AND TIGHTEN SCREWS.

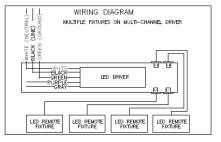
REMOTE DRIVER HOUSING FOR DRY LOCATION





WRING INSTRUCTIONS





C COPYRIGHT THE LIGHTING QUOTIENT 2016

SAVE THESE INSTRUCTIONS FOR FUTURE USE.

MA-1357 C

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S314

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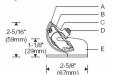
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THE LIGHTING **OUOTIENT**

Lighting the Ceiling

Style \$314 1:4 Scale





Optical Assembly 1:2 Scale

Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens

Optic Assembly:

Extruded aluminum heat sink/optic I anodized for maximum emissivity. S Extruded acrylic refractive semi-diffu shaping lens.

Finish:

Optic assembly - bright anodized a Mounting feet - mill finish aluminum. All hardware - stainless steel

Mounting:

Lav-in installation, side arms with mo wall mounted (fasteners by others). I individually or joined together to form assembly aiming is adjustable and is rotation locking screws at each side continuous row, assemblies lock toge to be aimed together.

To Order Style \$314

Project: To form a Catalog Number 3 1 4 |₋ R S - 0 0 2 3 6 7

1 Source

S = Solid state (LED)

2 Style

314 = Small linear concealed LED with remote driver

3 Drive Current/Length/No. of LEDs

Solid State LED linear drive current, fixture length, number of emitters, options below.

Lumen/Wattage Ontions

	Lumen Wattage Options.		
	R02L = 2ft fixture,	72 LEDs @ 350mA,	13.6 watts, 1725 lm
	R02M = 2ft fixture,	72 LEDs @ 700mA,	27.2 watts, 3295 lm
	R03L = 3ft fixture,	108 LEDs @ 350mA,	20.4 watts, 2587 lm
	R03M = 3ft fixture,	108 LEDs @ 700mA,	40.8 watts, 4942 lm
	R04L = 4ft fixture,	144 LEDs @ 350mA,	27.2 watts, 3450 lm
	R04M = 4ft fixture,	144 LEDs @ 700mA,	54.3 watts, 6589 lm
	R05L = 5ft fixture,	180 LEDs @ 350mA,	34.0 watts, 4312 lm
	R05M = 5ft fixture,	180 LEDs @ 700mA,	67.9 watts, 8237 lm
	R06L = 6ft fixture,	216 LEDs @ 350mA,	40.8 watts, 5175 lm
٦	R06M = 6ft fixture,	216 LEDs @ 700mA,	81.5 watts, 9884 lm
ı	R07L = 7ft fixture,	252 LEDs @ 350mA,	47.6 watts, 6037 lm
ł	R07M = 7ft fixture,	252 LEDs @ 700mA,	95.1 watts, 11531 lm
	R08L = 8ft fixture,	288 LEDs @ 350mA,	54.3 watts, 6900 lm
	R08M = 8ft fixture,	288 LEDs @ 700mA, 1	108.7 watts, 13179 lm
J	R09L = 9ft fixture,	324 LEDs @ 350mA,	61.1 watts, 7762 lm
	R09M = 9ft fixture,	324 LEDs @ 700mA, 1	122.3 watts, 14826 lm

Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory.

4 Mounting

S = Mounting feet (2 per fixture)

5 Finish

SC 17.1

00 = Anodized optical housing/heat sink; mill finish brackets and remote driver enclosure: stainless steel luminaire hardware

6 Voltage/Driver

Electronic Driver 8 = 120-277V

Electronic Dimmina Driver* M = 120-277V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303



7 Option (See Accessories Section for specifications)

- 00 = No options
- 0M = For use in MRI medical facility. MRI filters (by others) required on output of each remote driver. Consult factory prior to specification.

8 Destination Requirement

- 0 = UL listed or CSA certified for U.S.
- J = UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K 80+ CRI 35 = 3500K 80+ CBI

Note: Additional CCT and CRI options are available: consult factory.

10 Dimming**

00 = Non-dimming

30 = 3000K, 80+ CRI

TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)

40 = 4000K 80+ CBI

- ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others) Note: EL is not suitable for MRI use (0M option).
- ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others Note: ED is not suitable for MRI use (0M option).

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

Example

S314-R09M-S-00-M-00-0-30-ZX

Small concealed LED, 9 foot long (2.74m) luminaire driven at 700mA, Anodized aluminum housing, mill finish mounting feet and remote driver enclosure, 120-277V input, 0-10V analog dimming controls by others. UL listed or CSA certified for U.S. dry location, 3000K/80+ CRI.

elliptipar from The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com Type:

Accessories

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB

> (5MHz to 10GHz). Note: one filter required per remote driver - consult factory for number of drivers required per luminaire.

AXC0810 = Accessory extension cord, black jacket 20AWG.

10' long with plug and socket guick connectors at each end.









Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

* Based on TM-21 projections for the light source. ** See www.lightingfacts.com/products for details.

Registration Number: 3HVJ-5BWCZS (7/19/2016) Model Number: S315-R03M-S-00-8-00-0-30-00 Type: Luminaire - Cove

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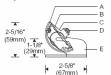


LIGHT

OUOTIENT

Lighting the Ceiling

Style \$314 1:4 Scale



Optical Assembly 1:2 Scale



Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens

Optic Assembly:

Extruded aluminum heat sink/optic I anodized for maximum emissivity. S Extruded acrylic refractive semi-diffu shaping lens.

Finish:

Optic assembly - bright anodized a Mounting feet - mill finish aluminum. All hardware - stainless steel.

Mounting:

Lav-in installation, side arms with mo wall mounted (fasteners by others). I individually or joined together to form assembly aiming is adjustable and is rotation locking screws at each side continuous row, assemblies lock toge to be aimed together.

To Order

prior to specification.

9 Color Temperature

27 = 2700K 80+ CRI

30 = 3000K, 80+ CRI

10 Dimming** 00 = Non-dimming

8 Destination Requirement

J = UL listed or CSA certified for Canada

0 = UL listed or CSA certified for U.S.

00 = No options

7 Option (See Accessories Section for specifications)

0M = For use in MRI medical facility. MRI filters (by others)

Note: Additional CCT and CRI options are available: consult factory.

TE = LighTech line voltage dimming 100-10% power (trailing

ZX = 0-10V analog dimming 120-277V input, dimming range

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma

Note: EL is not suitable for MRI use (0M option).

100%-5%, 0-10V controls by others

L3 = Lutron A-Series 120-277V input, dimming range

edge, reverse phase, ELV dimming controls by others)

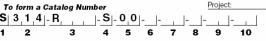
100%-1%, Lutron EcoBus dimming (controls by others) LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)

corrected dimming 100%-0.1% power (controls by others)

required on output of each remote driver. Consult factory

35 = 3500K 80+ CBI

40 = 4000K 80+ CBI



Source

S = Solid state (LED)

2 Style

314 = Small linear concealed LED with remote driver

3 Drive Current/Length/No. of LEDs

Solid State LED linear drive current, fixture length, number of emitters, options below.

Lumen/Wattage Options:

R02L = 2ft fixture, 72 LEDs @ 350mA, 1.	3.6 watts, 1725 lm			
R02M = 2ft fixture, 72 LEDs @ 700mA, 2	7.2 watts, 3295 lm			
R03L = 3ft fixture, 108 LEDs @ 350mA, 2	0.4 watts, 2587 lm			
R03M = 3ft fixture, 108 LEDs @ 700mA, 4	0.8 watts, 4942 lm			
R04L = 4ft fixture, 144 LEDs @ 350mA, 2	7.2 watts, 3450 lm			
R04M = 4ft fixture, 144 LEDs @ 700mA, 5	4.3 watts, 6589 lm			
R05L = 5ft fixture, 180 LEDs @ 350mA, 3	4.0 watts, 4312 lm			
R05M = 5ft fixture, 180 LEDs @ 700mA, 6	7.9 watts, 8237 lm			
R06L = 6ft fixture, 216 LEDs @ 350mA, 4	0.8 watts, 5175 lm			
R06M = 6ft fixture, 216 LEDs @ 700mA, 8	1.5 watts, 9884 lm			
R07L = 7ft fixture, 252 LEDs @ 350mA, 4	7.6 watts, 6037 lm			
R07M = 7ft fixture, 252 LEDs @ 700mA, 9	5.1 watts, 11531 lm			
R08L = 8ft fixture, 288 LEDs @ 350mA, 5	4.3 watts, 6900 lm			
R08M = 8ft fixture, 288 LEDs @ 700mA, 10	8.7 watts, 13179 lm			
R09L = 9ft fixture, 324 LEDs @ 350mA, 6	1.1 watts, 7762 lm			
R09M = 9ft fixture, 324 LEDs @ 700mA, 12	2.3 watts, 14826 lm			

Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory

4 Mounting

S = Mounting feet (2 per fixture)

5 Finish

SC 17.1

00 = Anodized optical housing/hea and remote driver enclosure hardware

ED = eldoLED SOLOdrive 120-277V input, dimming range **Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

dry location, 3000K/80+ CRI.

Note: Number of drivers varies with number of LEDs, drive current and driver type.

700mA, Anodized aluminum housing, mill finish mounting feet

dimming controls by others. UL listed or CSA certified for U.S.

and remote driver enclosure, 120-277V input, 0-10V analog

S314-R09M-S-00-M-00-0-30-ZX 6 Voltage/Driver Small concealed LED, 9 foot long (2.74m) luminaire driven at

Electronic Driver Electronic Dimmina Driver* 8 = 120-277VM = 120-277V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303



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** See www.lightingfacts.com/products for details. Registration Number: 3HVJ-5BWCZS (7/19/2016) Model Number: S315-R03M-S-00-8-00-0-30-00

Type: Luminaire - Cove

Certain products illustrated may be covered by applicable patents and patents pending. These specifications supersede all prior publications and are subject to change without notice, Copyright @ 2016 Sylvan R, Shemitz Designs, LLC, all rights reserved.

* Based on TM-21 projections for the light source.

Accessories

Type:

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB (5MHz to 10GHz).

Note: one filter required per remote driver - consult factory for number of drivers required per luminaire.

Style S314

AXC0810 = Accessory extension cord, black jacket 20AWG. 10' long with plug and socket guick connectors at each end.





(3000K/ 80+CRI shown:



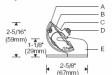
87.92% ance Projection 5°C Ambient* Yes nce, are according to IESNA LM-79-2008: d Photometric Testing of Solid-State Lighting. E) verifies product test data and results.

LIGHT



Lighting the Ceiling

Style \$314 1:4 Scale



Optical Assembly 1:2 Scale



Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens

Optic Assembly:

Extruded aluminum heat sink/optic I anodized for maximum emissivity. S Extruded acrylic refractive semi-diffu shaping lens.

Finish:

Optic assembly - bright anodized a Mounting feet - mill finish aluminum. All hardware - stainless steel.

Mounting:

Lav-in installation, side arms with mo wall mounted (fasteners by others). I individually or joined together to form assembly aiming is adjustable and is rotation locking screws at each side continuous row, assemblies lock toge to be aimed together.

To Order Style S314

7 Option (See Accessories Section for specifications)

0M = For use in MRI medical facility. MRI filters (by others)

Note: Additional CCT and CRI options are available: consult factory.

TE = LighTech line voltage dimming 100-10% power (trailing

ZX = 0-10V analog dimming 120-277V input, dimming range

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma

Note: EL is not suitable for MRI use (0M option).

ED = eldoLED SOLOdrive 120-277V input, dimming range

**Dimming range refers to % power input, % light output will vary.

100%-5%, 0-10V controls by others

L3 = Lutron A-Series 120-277V input, dimming range

edge, reverse phase, ELV dimming controls by others)

100%-1%, Lutron EcoBus dimming (controls by others) LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)

corrected dimming 100%-0.1% power (controls by others)

required on output of each remote driver. Consult factory

35 = 3500K 80+ CBI

40 = 4000K 80+ CBI

00 = No options

prior to specification.

9 Color Temperature

Refer to Driver Information document MA-1303

27 = 2700K 80+ CRI

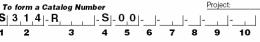
30 = 3000K, 80+ CRI

10 Dimming** 00 = Non-dimming

8 Destination Requirement

J = UL listed or CSA certified for Canada

0 = UL listed or CSA certified for U.S.



Source

S = Solid state (LED)

2 Style

314 = Small linear concealed LED with remote driver

3 Drive Current/Length/No. of LEDs

Solid State LED linear drive current, fixture length, number of emitters, options below.

Lumen/Wattage Options:

72 LEDs @ 350mA,	13.6 watts, 1725 lm
72 LEDs @ 700mA,	27.2 watts, 3295 lm
108 LEDs @ 350mA,	20.4 watts, 2587 lm
108 LEDs @ 700mA,	40.8 watts, 4942 lm
144 LEDs @ 350mA,	27.2 watts, 3450 lm
144 LEDs @ 700mA,	54.3 watts, 6589 lm
180 LEDs @ 350mA,	34.0 watts, 4312 lm
180 LEDs @ 700mA,	67.9 watts, 8237 lm
216 LEDs @ 350mA,	40.8 watts, 5175 lm
216 LEDs @ 700mA,	81.5 watts, 9884 lm
252 LEDs @ 350mA,	47.6 watts, 6037 lm
252 LEDs @ 700mA,	95.1 watts, 11531 lm
288 LEDs @ 350mA,	54.3 watts, 6900 lm
288 LEDs @ 700mA, 1	108.7 watts, 13179 lm
324 LEDs @ 350mA,	61.1 watts, 7762 lm
324 LEDs @ 700mA, 1	122.3 watts, 14826 lm
	72 LEDS @ 350mA, 72 LEDS @ 750mA, 108 LEDS @ 350mA, 108 LEDS @ 700mA, 144 LEDS @ 350mA, 180 LEDS @ 350mA, 180 LEDS @ 350mA, 216 LEDS @ 350mA, 216 LEDS @ 350mA, 216 LEDS @ 350mA, 228 LEDS @ 350mA, 228 LEDS @ 350mA, 228 LEDS @ 350mA, 228 LEDS @ 700mA, 228 LEDS @ 700mA, 228 LEDS @ 350mA, 232 LEDS @ 350mA, 232 LEDS @ 350mA,

Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory

4 Mounting

SC 17.1

S = Mounting feet (2 per fixture)

5 Finish

Electronic Driver

8 = 120-277V

document MA-1303

00 = Anodized optical housing/hea and remote driver enclosure hardware

6 Voltage/Driver

driver type. Electronic Dimmina Driver*

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information



M = 120-277V

S314-R09M-S-00-M-00-0-30-ZX

Small concealed LED, 9 foot long (2.74m) luminaire driven at 700mA, Anodized aluminum housing, mill finish mounting feet and remote driver enclosure, 120-277V input, 0-10V analog dimming controls by others. UL listed or CSA certified for U.S. dry location, 3000K/80+ CRI.

elliptipar from The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com

Type:

Accessories

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB

(5MHz to 10GHz). Note: one filter required per remote driver - consult factory for number of drivers required per luminaire.

AXC0810 = Accessory extension cord, black jacket 20AWG. 10' long with plug and socket guick connectors at each end.





862 lm/ft (3000K/ 80+CRI shown:

elliptipar by The Lighting Quotien Light Output (Lumens) 4942 40.76 Lumens per Watt (Efficacy) 121.25 Color Accuracy 80 3000 (Bright White)

4500K 87.92% ance Projection 5°C Ambient* Yes Note: Number of drivers varies with number of LEDs, drive current and

6500K

nce, are according to IESNA LM-79-2008: d Photometric Testing of Solid-State Lighting. E) verifies product test data and results.

* Based on TM-21 projections for the light source.

Registration Number: 3HVJ-5BWCZS (7/19/2016) Model Number: S315-R03M-S-00-8-00-0-30-00 Type: Luminaire - Cove

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** See www.lightingfacts.com/products for details.

LIGHT



LED Dimming Drivers and Controls

elliptipar LED luminaires use high power factor constant current drivers. The table below provides driver information as well as links to the manufacturer's website. The dimming code in the catalog number determines the manufacturer and type of dimming driver used. For example: In this catalog number S305-R06M-S-00-T-00-0-30-TE-A the dimming code "TE" designates a GE/LighTech dimming driver which is compatible with reverse phase/ELV/Trailing Edge controls.

Dimming Code	Driver Manufacturer	Driver Model Numbers	Dims to % Power	Dimming Interface Type	Compatible Controls
00	Non-Dimming	N/A	N/A	N/A	N/A
TE	GE/LighTech	66871 66902 66884 66904	10%	ELV/Reverse Phase/ Trailing Edge	Lutron ELV Leviton ELV
EL	eldoLED	SL0561M2 SL1061M1	0.1%	0-10V	Click here
ZX	Thomas Research Universal	LED-20W D700C30UNVTW D10CC55UNVTW D21CC80UNVTW	10% 1%	0-10V	<u>Click here</u>
LH L3	<u>Lutron A-Series</u>	L3DA4U1UMN L3DA4U1UKN	1% 1%	3-wire Lutron 4-wire EcoSystem	Click here Click here

Not all dimming drivers are available for each luminaire style (based on driver size and case configuration).

LED Drivers - Remote Distance

When remote mounting drivers, the allowable distance varies by the drive current and size of the wire. The table below shows maximum distance in feet (meters) based on 700mA drive current.

Dimming Code	Driver Manufacturer	Driver Model Numbers	Remote Distance #18 AWG	Remote Distance #16 AWG	Remote Distance #12 AWG
00	Non-Dimming	N/A	30 ft (9m)	30 ft (9m)	30 ft (9m)
TE	GE/LighTech	66871 66902 66884 66904	30 ft (9m)	30 ft (9m)	30 ft (9m)
EL	eldoLED	SL0561M2 SL1061M1	72 ft (22m)	118 ft (36m)	118 ft (36m)
zx	Thomas Research Universal	LED-20W D700C30UNVTW D10CC55UNVTW D21CC80UNVTW	112 ft (34m)	178 ft (54m)	283 ft (86m)
L3	<u>Lutron A-Series</u>	L3DA4U1UMN L3DA4U1UKN	30 ft (9m)	35 ft (10.5m)	100 ft (30m)
LH	<u>Lutron A-Series</u>	L3DA4U1UMN L3DA4U1UKN	30 ft (9m)	35 ft (10.5m)	100 ft (30m)

LED Drivers - Minimum Starting Temperatures

GE/LighTech (00, TE)	eldoLED (EL)	0-10V Analog (ZX)	Lutron (L3, LH)
-25°C (-13°F)	-20°C (-4°F)	-40°C (-40°F)	-0°C (+32°F)

MA-1303 P **Driver Controls and Remote Distances**



THE LIGHTING OUOTIENT

Accessories

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB (5MHz to 10GHz).

> Note: one filter required per remote driver - consult factory for number of drivers required per luminaire.

AXC0810 = Accessory extension cord, black jacket 20AWG. 10' long with plug and socket guick connectors at each end.

3ft/108 LEDs

@ 700mA. 862 lm/ft (3000K/ 80+CRI) shown:

elliptipar by The Lighting Quotient

Light Output (Lumens) 4942 40.76 Lumens per Watt (Efficacy) 121.25 Color Accuracy 80 3000 (Bright White) 4500K 6500K

> ance Projection 5°C Ambient*

> > nce, are according to IESNA LM-79-2008:

d Photometric Testing of Solid-State Lighting. E) verifies product test data and results.

87.92%

Yes

% power input, % light output will vary. on document MA-1303

ries with number of LEDs, drive current and

R09M-S-00-M-00-0-30-ZX

ee Accessories Section for specifications)

MRI medical facility. MRI filters (by others)

cification.

ion Requirement

CSA certified for Canada

D-10V controls by others ries 120-277V input, dimming range

CSA certified for U.S.

mperature

CRI

CRI

output of each remote driver. Consult factory

35 = 3500K 80+ CBI

40 = 4000K, 80+ CRI

T and CRI options are available: consult factory.

he voltage dimming 100-10% power (trailing

se phase, ELV dimming controls by others)

a dimmina 120-277V input, dimmina range

Lutron EcoBus dimming (controls by others) ries 120-277V input, dimming range Lutron 3-wire dimming (controls by others)

LOdrive 120-277V input, 0-10V analog gamma imming 100%-0.1% power (controls by others) not suitable for MRI use (0M option). LOdrive 120-277V input, dimming range

ED, 9 foot long (2,74m) luminaire driven at aluminum housing, mill finish mounting feet enclosure, 120-277V input, 0-10V analog by others. UL listed or CSA certified for U.S. K/80+ CRI.

Lighting Quotient

ad, West Haven, Connecticut 06516, USA 5 - Fax 203.931.4464 - thelightingquotient.com * Based on TM-21 projections for the light source. ** See www.lightingfacts.com/products for details.

Registration Number: 3HVJ-5BWCZS (7/19/2016) Model Number: S315-R03M-S-00-8-00-0-30-00 Type: Luminaire - Cove

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LED Dimming Drivers and Controls

elliptipar LED luminaires use high power factor constant current drivers. The table below provides driver information as well as links to the manufacturer's website. The dimming code in the catalog number determines the manufacturer and type of dimming driver used. For example: In this catalog number \$305-R06M-\$-00-T-00-030-TE-A the dimming code "TE" designates a GE/LighTech dimming driver which is compatible with reverse phase/ELV/Trailing Edge controls.

Dimming Code	Driver Manufacturer	Driver Model Numbers	Dims to % Power	Dimming Interface Type	Compatible Controls
00	Non-Dimming	N/A	N/A	N/A	N/A
TE	GE/LighTech	66871 66902 66884 66904	10%	ELV/Reverse Phase/ Trailing Edge	Lutron ELV Leviton ELV
EL	eldoLED	SL0561M2 SL1061M1	0.1%	0-10V	Click here
	Thomas Research	LED-20W	10%		
ZX	Universal	D10CC55UNVTW D21CC80UNVTW	1%	0-10V	<u>Click here</u>
LH	Lutron A-Series	L3DA4U1UMN	1%	3-wire Lutron	Click here
L3	<u>Lution A-series</u>	L3DA4U1UKN	1%	4-wire EcoSystem	Click here

Not all dimming drivers are available for each luminaire style (based on driver size and case configuration).

LED Drivers - Remote Distance

When remote mounting drivers, the allowable distance varies by the drive current and size of the wire. The table below shows maximum distance in feet (meters) based on 700mA drive current.

Dimming Code	Driver Manufacturer	Driver Model Numbers	Remote Distance #18 AWG	Remote Distance #16 AWG	Remote Distance #12 AWG
00	Non-Dimming	N/A	30 ft (9m)	30 ft (9m)	30 ft (9m)
TE	GE/LighTech	66871 66902 66884 66904	30 ft (9m)	30 ft (9m)	30 ft (9m)
EL	eldoLED	SL0561M2 SL1061M1	72 ft (22m)	118 ft (36m)	118 ft (36m)
ZX	Thomas Research Universal	LED-20W D700C30UNVTW D10CC55UNVTW D21CC80UNVTW	112 ft (34m)	178 ft (54m)	283 ft (86m)
L3	<u>Lutron A-Series</u>	L3DA4U1UMN L3DA4U1UKN	30 ft (9m)	35 ft (10.5m)	100 ft (30m)
LH	<u>Lutron A-Series</u>	L3DA4U1UMN L3DA4U1UKN	30 ft (9m)	35 ft (10.5m)	100 ft (30m)

LED Drivers - Minimum Starting Temperatures

GE/LighTech (00, TE)	eldoLED (EL)	0-10V Analog (ZX)	Lutron (L3, LH)
-25°C (-13°F)	-20°C (-4°F)	-40°C (-40°F)	-0°C (+32°F)







D21CC80UNVTW-D

2100mA LED Driver w/ Constant Power Tuning

- > Universal (120-277V) Input Voltage
- > Class 2, 80W Constant Current Output
- ➤ 0-10V Dimming



Performance	
Input Voltage	120 ~ 277 Vac
Input Current Max	0.77 /120V 0.33/277V
Input Power Max	93W
Input Frequency	50 - 60 (Hz)
Power Factor*	> 0.95
THD max*	< 20 %
Output Voltage	17V to 38V @ 2.1Amps
(See Power Curve Chart)	17V to 56V @ 1.4Amps
Max. Output Current	2100mA
Min Dimming Current	35mA
Output Power	80W
Line Regulation	±3 %
Load Regulation	±5 %
Output Current Ripple	<10% (Pk-Pk/avg)
Inrush Current	120V: 18A / 65uS
Peak / >50% Duration	277V: 32A / 30uS

- * Refer to charts for additional information
- Harmonic Emissions comply with ANSI C82.77
- Inrush current complies with NEMA 410

Environmental		
EMI and RFI	Meets FCC part 15 (Class A)	
EIVII dilu Kri	Non-Consumer Limits	
Min. Operating	-40°C (-40°F)	
Temperature	-40 C (-40 F)	
Storage Temperature	-40°C to 85°C	
Storage remperature	(-40°F to 185°F)	
tc	85°C (185°F) max	
Protection Rating	UL Dry & Damp	
Transient Protection	IEEE C62.41 2.5kV/2.5kV	

Physical				
Length	16.88 in (428.7 mm)			
Width	1.25 in (31.8 mm)			
Height	1.00 in (25.4 mm)			
Mounting Length	16.28 in (413.5 mm)			
Weight (lbs)	1.25			
Wire Trap / Plug-in Connecto	ors for 18 AWG Solid Wire			

Protection:

Short Circuit and Open Circuit

Safety:

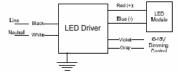
UL 8750 & CSA 250.13-12 Type TL

Ordering Information

dering information				
Order Number	Description	Qty/Carton		
21CC80UNVTW-D10C	Standard Product	10		

^{*}Consult Factory for Tuning ordering information

Wiring Diagram:









Application and operation performance specification information subject to change without notification.

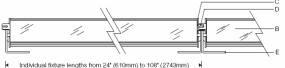
www.unvlt.com July 31, 2015



MA-1303 P

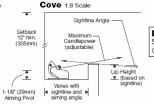
Style S314 1:4 Scale





Optical Assembly 1:2 Scale





Remote Driver

See remote LED driver document MA-1357 for dimensions and wiring, mounting instructions.

Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates with interlocking tabs
- Rotation locking tab with locking set screw
- E L-shaped mounting feet, one pair per optical assembly (fasteners by others)
- F Constant current LED board

Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens.

Finish:

Optic assembly – bright anodized aluminum. Mounting feet – mill finish aluminum. All hardware – stainless steel.

Mounting:

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

Electrical:

Use 90°C wire for supply connections, 5' (1.5m) wire leads exit center of the housing.

Remote electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Aluminum driver enclosure includes (8) 7/8" dia. entries for supply wiring and low voltage receptacle(s) for connection to luminaire. Optional electronic dimming driver, compatible dimming controls (by others). Maximum wire length between electronic driver and fixture varies by manufacturer. See website for dimming compatibility and specifications.

Standard:

UL listed or CSA certified for dry location.

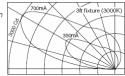
5 year warranty, maximum ambient temperature 45°C (113°F).

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly
- Remote driver ideal for MRI applications or where access to fixture is difficult

Performance

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilings evenly.



SC 17.0

L85(10k) > 60,000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit thelightingquotient.com









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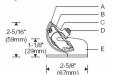


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Lighting the Ceiling

Style \$314 1:4 Scale





Optical Assembly 1:2 Scale

Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens

Optic Assembly:

Extruded aluminum heat sink/optic I anodized for maximum emissivity. S Extruded acrylic refractive semi-diffu shaping lens.

Finish:

Optic assembly - bright anodized a Mounting feet - mill finish aluminum. All hardware - stainless steel

Mounting:

Lav-in installation, side arms with mo wall mounted (fasteners by others). I individually or joined together to form assembly aiming is adjustable and is rotation locking screws at each side continuous row, assemblies lock toge to be aimed together.

To Order Style S314

Project: To form a Catalog Number 3 1 4 |₋ R S - 0 0 -2 3

1 Source

S = Solid state (LED)

2 Style

314 = Small linear concealed LED with remote driver

3 Drive Current/Length/No. of LEDs

Solid State LED linear drive current, fixture length, number of emitters, options below.

Lumen/Wattage Options:

	Lument Wattage O	puona.	
	R02L = 2ft fixture,	72 LEDs @ 350mA,	13.6 watts, 1725 lm
	R02M = 2ft fixture,	72 LEDs @ 700mA,	27.2 watts, 3295 lm
	R03L = 3ft fixture,	108 LEDs @ 350mA,	20.4 watts, 2587 lm
	R03M = 3ft fixture,	108 LEDs @ 700mA,	40.8 watts, 4942 lm
	R04L = 4ft fixture,	144 LEDs @ 350mA,	27.2 watts, 3450 lm
	R04M = 4ft fixture,	144 LEDs @ 700mA,	54.3 watts, 6589 lm
	R05L = 5ft fixture,	180 LEDs @ 350mA,	34.0 watts, 4312 lm
	R05M = 5ft fixture,	180 LEDs @ 700mA,	67.9 watts, 8237 lm
	R06L = 6ft fixture,	216 LEDs @ 350mA,	40.8 watts, 5175 lm
٦	R06M = 6ft fixture,	216 LEDs @ 700mA,	81.5 watts, 9884 lm
ı	R07L = 7ft fixture,	252 LEDs @ 350mA,	47.6 watts, 6037 lm
d	R07M = 7ft fixture,	252 LEDs @ 700mA,	95.1 watts, 11531 lm
ı	R08L = 8ft fixture,	288 LEDs @ 350mA,	54.3 watts, 6900 lm
ı		288 LEDs @ 700mA, 1	
4		324 LEDs @ 350mA,	
	R09M = 9ft fixture,	324 LEDs @ 700mA, 1	122.3 watts, 14826 lm

Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory

4 Mounting

S = Mounting feet (2 per fixture)

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and remote driver enclosure: stainless steel luminaire hardware

6 Voltage/Driver

Electronic Driver 8 = 120-277V

Electronic Dimmina Driver* M = 120-277V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

- 00 = No options
- 0M = For use in MRI medical facility. MRI filters (by others) required on output of each remote driver. Consult factory prior to specification.

8 Destination Requirement

- 0 = UL listed or CSA certified for U.S.
- J = UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K 80+ CBI 35 = 3500K 80+ CBI

30 = 3000K, 80+ CRI 40 = 4000K, 80+ CRI Note: Additional CCT and CRI options are available: consult factory.

10 Dimming**

- 00 = Non-dimming
- TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others) Note: EL is not suitable for MRI use (0M option).
- ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others Note: ED is not suitable for MRI use (0M option).

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

Example

S314-R09M-S-00-M-00-0-30-ZX

Small concealed LED, 9 foot long (2.74m) luminaire driven at 700mA, Anodized aluminum housing, mill finish mounting feet and remote driver enclosure, 120-277V input, 0-10V analog dimming controls by others. UL listed or CSA certified for U.S. dry location, 3000K/80+ CRI.

elliptipar from The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com Type:

Accessories

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic Resonance imaging filter. 2 conductor up to 5 amps.

attenuation > 100dB (5MHz to 10GHz). Note: one filter required

per remote driver - consult factory for number of drivers required per luminaire.

AXC0810 = Accessory extension cord, black jacket 20AWG. 10' long with plug and socket guick connectors at each end.





862 lm/ft elliptipar by The Lighting Quotien (3000K/ 80+CRI) lighting facts shown:

Light Output (Lumens	5)	4942
Watts		40.76
Lumens per Watt (Effi	icacy)	121.25
Color Accuracy Color Rendering Index (CRI)	ing t	80
Light Color Correlated Color Temperature (CCT)	3000 (Brig	ght White)
Warm White Bright Wh	nite D	aylight
2700K 3000K	4500K	6500H
LED Lumen Maintenan		87.92%
at 50,000 Hours at 25°C		Yes

* Based on TM-21 projections for the light source. ** See www.lightingfacts.com/products for details.

Registration Number: 3HVJ-5BWCZS (7/19/2016) Model Number: S315-R03M-S-00-8-00-0-30-00 Type: Luminaire - Cove

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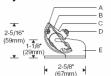


LIGHT

OUOTIENT

Lighting the Ceiling

Style \$314 1:4 Scale



Optical Assembly 1:2 Scale



Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens

Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory.

4 Mounting

shaping lens. Finish:

Optic Assemb

Extruded alum

anodized for m

Extruded acryl

Optic assembly - bright anodized a Mounting feet - mill finish aluminum. All hardware - stainless steel.

Mounting:

8/16

Lav-in installation, side arms with mo wall mounted (fasteners by others). I individually or joined together to form assembly aiming is adjustable and is rotation locking screws at each side continuous row, assemblies lock toge to be aimed together.

To Order Style \$314

7 Option (See Accessories Section for specifications)

0M = For use in MRI medical facility. MRI filters (by others)

Note: Additional CCT and CRI options are available: consult factory.

TE = LighTech line voltage dimming 100-10% power (trailing

ZX = 0-10V analog dimming 120-277V input, dimming range

100%-5%, 0-10V controls by others

100%-0.1%. DALI controls by others.

Refer to Driver Information document MA-1303

Note: ED is not suitable for MRI use (0M option).

Note: Number of drivers varies with number of LEDs, drive current and

**Dimming range refers to % power input, % light output will vary.

L3 = Lutron A-Series 120-277V input, dimming range

LH = Lutron A-Series 120-277V input, dimming range

edge, reverse phase, ELV dimming controls by others)

100%-1%, Lutron EcoBus dimming (controls by others)

3-wire dimming (controls by others)

ive 120-277V input, dimming range

ive 120-277V input, 0-10V analog gamma

g 100%-0.1% power (controls by others) uitable for MRI use (0M option).

required on output of each remote driver. Consult factory

35 = 3500K 80+ CBI

40 = 4000K, 80+ CRI

00 = No options

prior to specification.

9 Color Temperature

27 = 2700K 80+ CBI

30 = 3000K, 80+ CRI

10 Dimming** 00 = Non-dimming

8 Destination Requirement

J = UL listed or CSA certified for Canada

0 = UL listed or CSA certified for U.S.

Project: To form a Catalog Number 3 1 4 |₋ R S | 0 0 2 3

Source

S = Solid state (LED)

2 Style

314 = Small linear concealed LED with remote driver

3 Drive Current/Length/No. of LEDs

Solid State LED linear drive current, fixture length, number of emitters, options below.

Lumen/Wattage Options:

R02L = 2ft fixture, 7	2 LEDs @ 350mA,	13.6 watts,	1725 lm
R02M = 2ft fixture, 7	2 LEDs @ 700mA,	27.2 watts,	3295 lm
R03L = 3ft fixture, 10	8 LEDs @ 350mA,	20.4 watts,	2587 lm
R03M = 3ft fixture, 10	8 LEDs @ 700mA,	40.8 watts,	4942 lm
R04L = 4ft fixture, 14	4 LEDs @ 350mA,	27.2 watts,	3450 lm
R04M = 4ft fixture, 14	4 LEDs @ 700mA,	54.3 watts,	6589 lm
R05L = 5ft fixture, 18	0 LEDs @ 350mA,	34.0 watts,	4312 lm
R05M = 5ft fixture, 18	0 LEDs @ 700mA,	67.9 watts,	8237 lm
R06L = 6ft fixture, 21	6 LEDs @ 350mA,	40.8 watts,	5175 lm
R06M = 6ft fixture, 21	6 LEDs @ 700mA,	81.5 watts,	9884 lm
R07L = 7ft fixture, 25	2 LEDs @ 350mA,	47.6 watts,	6037 lm
R07M = 7ft fixture, 25	2 LEDs @ 700mA,	95.1 watts,	11531 lm
R08L = 8ft fixture, 28	8 LEDs @ 350mA,	54.3 watts,	6900 lm

R08M = 8ft fixture, 288 LEDs @ 700mA, 108.7 watts, 13179 lm

= 9ft fixture 324 LEDs @ 350mA 61.1 watts 7762 lm

S = Mounting feet (2 per fixture)

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and remote driver enclosure: stainless steel luminaire hardware

6 Voltage/Driver

Electronic Driver

Electronic Dimmina Driver*

8 = 120-277VM = 120-277V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303



Example

driver type.

S314-R09M-S-00-M-00-0-30-ZX

Small concealed LED, 9 foot long (2.74m) luminaire driven at 700mA. Anodized aluminum housing, mill finish mounting feet and remote driver enclosure, 120-277V input, 0-10V analog dimming controls by others. UL listed or CSA certified for U.S. dry location, 3000K/80+ CRI.

elliptipar from The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com Type:

Accessories

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic

Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB (5MHz to 10GHz). Note: one filter required

per remote driver - consult factory for number of drivers required per luminaire.

AXC0810 = Accessory extension cord, black jacket 20AWG. 10' long with plug and socket guick connectors at each end.





862 lm/ft (3000K/ 80+CRI shown:

elliptipar by The Lighting Quotien Light Output (Lumens) 4942 40.76

121.25

80

6500K

Yes

87.92%

Color Accuracy 3000 (Bright White) 2700K 3000K 4500K

LED Lumen Maintenance Projection

Lumens per Watt (Efficacy)

at 50,000 Hours at 25°C Ambient* Warranty** All results, except LED Lumen Maintenance, are according to JESNA LM-79-2008:

The U.S. Department of Energy (DOE) verifies product test data and results. * Based on TM-21 projections for the light source. ** See www.lightingfacts.com/products for details.

Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.

Registration Number: 3HVJ-5BWCZS (7/19/2016)

Model Number: S315-R03M-S-00-8-00-0-30-00 Type: Luminaire - Cove

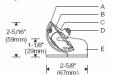
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LIGHT



Lighting the Ceiling

Style \$314 1:4 Scale



Optical Assembly 1:2 Scale



Specifications

- A Serviceable extruded aluminum heat sink/housing
- B Extruded acrylic beam shaping lens

Optic Assemb Extruded alum anodized for m Extruded acryl shaping lens.

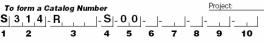
Finish:

Optic assembly - bright anodized a Mounting feet - mill finish aluminum. All hardware - stainless steel.

Mounting:

Lav-in installation, side arms with mo wall mounted (fasteners by others). I individually or joined together to form assembly aiming is adjustable and is rotation locking screws at each side continuous row, assemblies lock toge to be aimed together.

To Order



Source

S = Solid state (LED)

2 Style

314 = Small linear concealed LED with remote driver

3 Drive Current/Length/No. of LEDs

Solid State LED linear drive current, fixture length, number of emitters, options below.

Lumen/Wattage Options:

R02L = 2ft fixture,	72 LEDs @ 350mA,	13.6 watts,	1725 lm
R02M = 2ft fixture,	72 LEDs @ 700mA,	27.2 watts,	3295 lm
R03L = 3ft fixture,	108 LEDs @ 350mA,	20.4 watts,	2587 lm
R03M = 3ft fixture,	108 LEDs @ 700mA,	40.8 watts,	4942 lm
R04L = 4ft fixture,	144 LEDs @ 350mA,	27.2 watts,	3450 lm
R04M = 4ft fixture,	144 LEDs @ 700mA,	54.3 watts,	6589 lm
R05L = 5ft fixture,	180 LEDs @ 350mA,	34.0 watts,	4312 lm
R05M = 5ft fixture,	180 LEDs @ 700mA,	67.9 watts,	8237 lm
R06L = 6ft fixture,	216 LEDs @ 350mA,	40.8 watts,	5175 lm
R06M = 6ft fixture,	216 LEDs @ 700mA,	81.5 watts,	9884 lm
R07L = 7ft fixture,	252 LEDs @ 350mA,	47.6 watts,	6037 lm
R07M = 7ft fixture,	252 LEDs @ 700mA,	95.1 watts,	11531 lm
R08L = 8ft fixture,	288 LEDs @ 350mA,	54.3 watts,	6900 lm
R08M = 8ft fixture,	288 LEDs @ 700mA,	108.7 watts,	13179 lm

= 9ft fixture 324 LEDs @ 350mA 61.1 watts 7762 lm

Note: Other drive currents are available, consult factory. 4 Mounting

SC

S = Mounting feet (2 per fixture)

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and remote driver enclosure: stainless steel luminaire hardware

Based on 3000K/80+CRI Click here for scaled performance table.

6 Voltage/Driver

Electronic Driver

Electronic Dimmina Driver*

8 = 120-277VM = 120-277V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303



7 Option (See Accessories Section for specifications)

- 00 = No options
- 0M = For use in MRI medical facility. MRI filters (by others) required on output of each remote driver. Consult factory prior to specification.

8 Destination Requirement

- 0 = UL listed or CSA certified for U.S.
- J = UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K 80+ CBI 35 = 3500K 80+ CBI

30 = 3000K, 80+ CRI 40 = 4000K 80+ CBI

Note: Additional CCT and CRI options are available: consult factory.

10 Dimming**

- 00 = Non-dimming
- TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- LH = Lutron A-Series 120-277V input, dimming range 3-wire dimming (controls by others)

ive 120-277V input, 0-10V analog gamma g 100%-0.1% power (controls by others) uitable for MRI use (0M option). ive 120-277V input, dimming range

100%-0.1%. DALI controls by others.

Note: ED is not suitable for MRI use (0M option).

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

Example

S314-R09M-S-00-M-00-0-30-ZX

Small concealed LED, 9 foot long (2.74m) luminaire driven at 700mA, Anodized aluminum housing, mill finish mounting feet and remote driver enclosure, 120-277V input, 0-10V analog dimming controls by others. UL listed or CSA certified for U.S. dry location, 3000K/80+ CRI.

elliptipar from The Lighting Quotient

114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com Type:

Accessories

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic

Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB (5MHz to 10GHz). Note: one filter required

per remote driver - consult factory for number of drivers required per luminaire.

AXC0810 = Accessory extension cord, black jacket 20AWG. 10' long with plug and socket guick connectors at each end.



Style \$314



862 lm/ft (3000K/ 80+CRI shown



* Based on TM-21 projections for the light source.

** See www.lightingfacts.com/products for details.

Registration Number: 3HVJ-5BWCZS (7/19/2016) Model Number: S315-R03M-S-00-8-00-0-30-00 Type: Luminaire - Cove

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LIGHT

OUOTIENT

Scaled Performance Tables

elliptipar **S314**

elliptipar

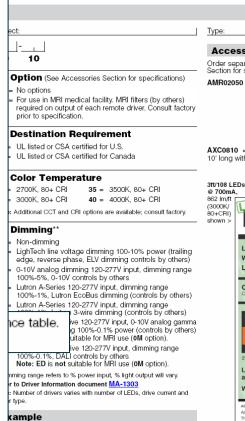
Catalog Number	Length	# LEDs	Lumens Out	Lumens Per Ft	Input Watts	Efficacy (LM/W)	Drive Current	Rated CCT	Rated CRI
S314-R02L-*-**-*-27-00	2FT	72	1619	810	13.6	119.2	350mA	2700K	80+
S314-R02L-*-**-*-*-30-00	2FT	72	1725	862	13.6	127.0	350mA	3000K	80+
S314-R02L-*-**-*-35-00	2FT	72	1812	906	13.6	133.3	350mA	3500K	80+
S314-R02L-*-**-*-*-40-00	2FT	72	1861	931	13.6	137.0	350mA	4000K	80+
S314-R02M-*-**-**-27-00	2FT	72	3090	1545	27.2	113.7	700mA	2700K	80+
S314-R02M-*-**-*-30-00	2FT	72	3295	1647	27.2	121.2	700mA	3000K	80+
S314-R02M-*-**-*-35-00	2FT	72	3475	1737	27.2	127.9	700mA	3500K	80+
S314-R02M-*-**-*-40-00	2FT	72	3555	1778	27.2	130.8	700mA	4000K	80+
S314-R03L-*-**-*-27-00	3FT	108	2429	810	20.4	119.2	350mA	2700K	80+
S314-R03L-*-**-*-30-00	3FT	108	2587	862	20.4	127.0	350mA	3000K	80+
S314-R03L-*-**-*-35-00	3FT	108	2718	906	20.4	133.3	350mA	3500K	80+
S314-R03L-*-**-*-40-00	3FT	108	2792	931	20.4	137.0	350mA	4000K	80+
S314-R03M-*-**-**-27-00	3FT	108	4635	1545	40.8	113.7	700mA	2700K	80+
S314-R03M-*-**-*-30-00	3FT	108	4942	1647	40.8	121.2	700mA	3000K	80+
S314-R03M-*-**-*-35-00	3FT	108	5212	1737	40.8	127.9	700mA	3500K	80+
S314-R03M-*-**-*-40-00	3FT	108	5333	1778	40.8	130.8	700mA	4000K	80+
S314-R04L-*-**-*-27-00	4FT	144	3239	810	27.2	119.2	350mA	2700K	80+
S314-R04L-*-**-*-30-00	4FT	144	3450	862	27.2	127.0	350mA	3000K	80+
S314-R04L-*-**-*-35-00	4FT	144	3624	906	27.2	133.3	350mA	3500K	80+
S314-R04L-*-**-*-40-00	4FT	144	3723	931	27.2	137.0	350mA	4000K	80+
S314-R04M-*-**-*-27-00	4FT	144	6180	1545	54.3	113.7	700mA	2700K	80+
S314-R04M-*-**-*-30-00	4FT	144	6589	1647	54.3	121.2	700mA	3000K	80+
S314-R04M-*-**-*-35-00	4FT	144	6949	1737	54.3	127.9	700mA	3500K	80+
S314-R04M-*-**-*-40-00	4FT	144	7111	1778	54.3	130.8	700mA	4000K	80+
S314-R05L-*-**-*-27-00	5FT	100	4040	910	24.0	110.0	350mA	2700K	80.
S314-R05L-*-**-*-30-00	5FT	180	4049	810	34.0	119.2	350mA		80+
		180	4312	862	34.0	127.0	350mA	3000K	80+
S314-R05L-*-**-*-35-00	5FT	180	4529	906	34.0	133.3	350mA	3500K	80+
S314-R05L-*-**-*-40-00	5FT	180	4653	931	34.0	137.0	350mA	4000K	80+
S314-R05M-*-**-*-27-00	5FT	180	7725	1545	67.9	113.7	700mA	2700K	80+
S314-R05M-*-**-*-30-00	5FT	180	8237	1647	67.9	121.2	700mA	3000K	80+
S314-R05M-*-**-*-35-00	5FT	180	8687	1737	67.9	127.9	700mA	3500K	80+
S314-R05M-*-**-*-40-00	5FT	180	8888	1778	67.9	130.8	700mA	4000K	80+



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SOLVING FOR LIGHT

THE LIGHTING QUOTIENT



S314-R09M-S-00-M-00-0-30-ZX

III concealed LED, 9 foot long (2,74m) luminaire driven at mA. Anodized aluminum housing, mill finish mounting feet remote driver enclosure, 120-277V input, 0-10V analog ming controls by others. UL listed or CSA certified for U.S. location, 3000K/80+ CRI.

tipar from The Lighting Quotient Boston Post Road, West Haven, Connecticut 06516, USA e 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com Style S314

Accessories

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB (5MHz to 10GHz).

> Note: one filter required per remote driver - consult factory for number of drivers required per luminaire.

AXC0810 = Accessory extension cord, black jacket 20AWG. 10' long with plug and socket guick connectors at each end.



elliptipar by The Lighting Quotient htıng facts[.]



Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

* Based on TM-21 projections for the light source. ** See www.lightingfacts.com/products for details.

Registration Number: 3HVJ-5BWCZS (7/19/2016) Model Number: S315-R03M-S-00-8-00-0-30-00 Type: Luminaire - Cove

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Catalog Number	
S314-R02L-*-**-**-27-00	
S314-R02L-*-**-*-*-30-00	
S314-R02L-*-**-*-35-00	
S314-R02L-*-**-*-40-00	
S314-R02M-*-**-*-27-00	
S314-R02M-*-**-**-30-00	
S314-R02M-*-**-*-35-00	
S314-R02M-*-**-*-40-00	
S314-R03L-*-**-*-27-00	
S314-R03L-*-**-*-30-00	
S314-R03L-*-**-*-35-00	
S314-R03L-*-**-*-40-00	
S314-R03M-*-**-**-27-00	
S314-R03M-*-**-**-30-00	
S314-R03M-*-**-**-35-00	
S314-R03M-*-**-*-40-00	
S314-R04L-*-**-*-27-00	
S314-R04L-*-**-*-30-00	
S314-R04L-*-**-*-35-00	
S314-R04L-*-**-*-40-00	
S314-R04M-*-**-*-27-00	
S314-R04M-*-**-*-30-00	
S314-R04M-*-**-*-35-00	
S314-R04M-*-**-*-40-00	
Co Doz	
S314-R05L-*-**-*-27-00	
S314-R05L-*-**-*-30-00	
S314-R05L-*-**-*-35-00	_
S314-R05L-*-**-*-40-00	_
S314-R05M-*-**-**-27-00	
S314-R05M-*-**-*-*-30-00	
S314-R05M-*-**-*-*-35-00	
S314-R05M-*-**-*-40-00	

elliptipar

Scaled Performance Tables elliptipar **S315**



SOLVING FOR LIGHT

THE LIGHTING QUOTIENT

Catalog Number	Length	# LEDs	Lumens Out	Lumens Per Ft	Input Watts	Efficacy (LM/W)	Drive Current	Rated CCT	Rated CRI
S315-R02L-*-**-**-27-00	2FT	72	1619	810	13.6	119.2	350mA	2700K	80+
S315-R02L-*-**-*-*-30-00	2FT	72	1725	862	13.6	127.0	350mA	3000K	80+
S315-R02L-*-**-*-*-35-00	2FT	72	1812	906	13.6	133.3	350mA	3500K	80+
\$315-R02L-*-**-*-40-00	2FT	72	1861	931	13.6	137.0	350mA	4000K	80+
S315-R02M-*-**-**-27-00	2FT	72	3090	1545	27.2	113.7	700mA	2700K	80+
S315-R02M-*-**-*-*-30-00	2FT	72	3295	1647	27.2	121.2	700mA	3000K	80+
\$315-R02M-*-**-*-35-00	2FT	72	3475	1737	27.2	127.9	700mA	3500K	80+
S315-R02M-*-**-*-40-00	2FT	72	3555	1778	27.2	130.8	700mA	4000K	80+
S315-R03L-*-**-*-27-00	3FT	108	2429	810	20.4	119.2	350mA	2700K	80+
S315-R03L-*-**-*-30-00	3FT	108	2587	862	20.4	127.0	350mA	3000K	80+
S315-R03L-*-**-**-35-00	3FT	108	2718	906	20.4	133.3	350mA	3500K	80+
S315-R03L-*-**-*-40-00	3FT	108	2792	931	20.4	137.0	350mA	4000K	80+
S315-R03M-*-**-*-27-00	3FT	108	4635	1545	40.8	113.7	700mA	2700K	80+
S315-R03M-*-**-**-30-00	3FT	108	4942	1647	40.8	121.2	700mA	3000K	80+
S315-R03M-*-**-**-35-00	3FT	108	5212	1737	40.8	127.9	700mA	3500K	80+
S315-R03M-*-**-*-40-00	3FT	108	5333	1778	40.8	130.8	700mA	4000K	80+
S315-R04L-*-**-*-27-00	4FT	144	3239	810	27.2	119.2	350mA	2700K	80+
S315-R04L-*-**-*-*-30-00	4FT	144	3450	862	27.2	127.0	350mA	3000K	80+
S315-R04L-*-**-*-35-00	4FT	144	3624	906	27.2	133.3	350mA	3500K	80+
S315-R04L-*-**-*-40-00	4FT	144	3723	931	27.2	137.0	350mA	4000K	80+
S315-R04M-*-**-*27-00	4FT	144	6180	1545	54.3	113.7	700mA	2700K	80+
\$315-R04M-*-**-*-*-30-00	4FT	144	6589	1647	54.3	121.2	700mA	3000K	80+
S315-R04M-*-**-*-35-00	4FT	144	6949	1737	54.3	127.9	700mA	3500K	80+
S315-R04M-*-**-*-40-00	4FT	144	7111	1778	54.3	130.8	700mA	4000K	80+
S315-R05L-*-**-**-27-00	5FT	180	4049	810	34.0	119.2	350mA	2700K	80+
S315-R05L-*-**-**-30-00	5FT	180	4312	862	34.0	127.0	350mA	3000K	80+
S315-R05L-*-**-*35-00	5FT	180	4529	906	34.0	133.3	350mA	3500K	80+
S315-R05L-*-**-*-40-00	5FT	180	4653	931	34.0	137.0	350mA	4000K	80+
S315-R05M-*-**-*-27-00	5FT	180	7725	1545	67.9	113.7	700mA	2700K	80+
S315-R05M-*-**-**-30-00	5FT	180	8237	1647	67.9	121.2	700mA	3000K	80+
S315-R05M-*-**-*-35-00	5FT	180	8687	1737	67.9	127.9	700mA	3500K	80+
S315-R05M-*-**-*-40-00	5FT	180	8888	1778	67.9	130.8	700mA	4000K	80+



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Accessories

Order separately. See Accessories Section for specifications.

ecifications)

s (by others) : Consult factory AMR02050 = Accessory Magnetic Resonance imaging filter. 2 conductor up to 5 amps. attenuation > 100dB (5MHz to 10GHz). Note: one filter required per remote driver - consult factory for

number of drivers required per luminaire. AXC0810 = Accessory extension cord, black jacket 20AWG, 10' long with plug and socket guick connectors at each end.

Style S314

elliptipar by The Lighting Quotient

3ft/108 LEDs @ 700mA.

CRI CRI

consult factory.

80+CRI)

862 lm/ft

(3000K/

power (trailing rols by others) dimmina ranae

g range trols by others) g range bls by others) V analog gamma ontrols by others) option). ming range

option).

put will vary. trive current and

30-ZX

naire driven at h mountina feet b-10V analog certified for U.S.

6516, USA

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	-
Catalog Number	
\$314-R02L-*-**-*-27-00	1
S314-R02L-*-**-**-30-00	1
S314-R02L-*-**-*-35-00	1
S314-R02L-*-**-**-40-00	1
S314-R02M-*-**-*-27-00	1
S314-R02M-*-**-*-30-00	1
S314-R02M-*-**-*-35-00	1
S314-R02M-*-**-*-40-00	
	4
S314-R03L-*-**-*-27-00	4
S314-R03L-*-**-*-*-30-00	1
S314-R03L-*-**-*-35-00	4
S314-R03L-*-**-*-40-00	1
S314-R03M-*-**-*-27-00	
S314-R03M-*-**-*-*-30-00	
\$314-R03M-*-**-*-35-00	
S314-R03M-*-**-*-40-00	
S314-R04L-*-**-*-27-00	
S314-R04L-*-**-*-30-00	
S314-R04L-*-**-*35-00	
S314-R04L-*-**-**-40-00	
S314-R04M-*-**-*-27-00	
S314-R04M-*-**-*-30-00	
S314-R04M-*-**-*-35-00	
S314-R04M-*-**-*-40-00	
S314-R05L-*-**-*-*-27-00	1
S314-R05L-*-**-*-30-00	
S314-R05L-*-**-*-35-00	1
S314-R05L-*-**-**-40-00	
S314-R05M-*-**-**-27-00	1
S314-R05M-*-**-*-30-00	1
S314-R05M-*-**-*-35-00	

\$314-R05M-*-**-*-40-00

elliptipar

Scaled Perforr elliptipa

Catalog Number
S315-R02L-*-**-**-27-00
S315-R02L-*-**-*-30-00
S315-R02L-*-**-*-35-00
S315-R02L-*-**-*-40-00
S315-R02M-*-**-*-27-00
S315-R02M-*-**-*-30-00
\$315-R02M-*-**-*-35-00
S315-R02M-*-**-*-40-00
S315-R03L-*-**-*-27-00
S315-R03L-*-**-*-30-00
\$315-R03L-*-**-*-35-00
S315-R03L-*-**-*-40-00
S315-R03M-*-**-*-27-00
\$315-R03M-*-**-*-30-00
S315-R03M-*-**-*-35-00
S315-R03M-*-**-*-40-00
S315-R04L-*-**-*-27-00
S315-R04L-*-**-**-30-00
S315-R04L-*-**-*-35-00
S315-R04L-*-**-*-40-00
S315-R04M-*-**-*-27-00
S315-R04M-*-**-*-30-00
S315-R04M-*-**-*-35-00
S315-R04M-*-**-*-40-00
S315-R05L-*-**-*-27-00
S315-R05L-*-**-*-30-00
S315-R05L-*-**-*-35-00
S315-R05L-*-**-*-40-00
S315-R05M-*-**-**-27-00
S315-R05M-*-**-**-30-00
S315-R05M-*-**-*-35-00



\$315-R05M-*-**-*-40-00

Scaled Performance Tables elliptipar S316

Length

2FT 72

2FT 72

2FT 72

2FT

2FT 72

2FT 72

2FT

2FT 72

3FT

3FT

зFT

3FT 108

3FT 108

зFT 108

3FT 108

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5FT

5FT 180

5FT 180

5FT 180

5FT 180

5FT 180

5FT 180

72

72

108

108

108

144

144

144

180

180

Catalog Number

\$316-R02L-*-**-*-27-00

S316-R02L-*-**-*-*-30-00

S316-R02L-*-**-*-35-00

\$316-R02L-*-**-*-40-00

S316-R02M-*-**-*-27-00

S316-R02M-*-**-*-30-00

S316-R02M-*-**-*-35-00

S316-R02M-*-**-*-40-00

\$316-R03L-*-**-*-27-00

\$316-R03L-*-**-*-30-00

S316-R03L-*-**-*-35-00

S316-R03L-*-**-*-40-00

S316-R03M-*-**-*-27-00

S316-R03M-*-**-*-*-30-00

S316-R03M-*-**-*-35-00

S316-R03M-*-**-*-*-40-00

S316-R04L-*-**-*-*-27-00

S316-R04L-*-**-*-*-30-00

\$316-R04L-*-**-*-35-00

S316-R04L-*-**-*-40-00

S316-R04M-*-**-*-27-00

S316-R04M-*-**-*-*-30-00

S316-R04M-*-**-*-35-00

S316-R04M-*-**-*-40-00

S316-R05L-*-**-*-27-00

S316-R05L-*-**-*-30-00

S316-R05L-*-**-*-35-00

S316-R05L-*-**-*-40-00

S316-R05M-*-**-*-27-00

S316-R05M-*-**-*-30-00

S316-R05M-*-**-*-35-00

S316-R05M-*-**-*-40-00



nput

Watts

13.6

13.6

13.6

13.6

27.2

27.2

27.2

27.2

20.4

20.4

20.4

20.4

40.8 113.7

40.8

40.8

40.8

27.2

27.2

27.2

27.2

54.3

54.3

54.3

54.3

34.0

34.0

34.0

34.0

67.9

67.9

67.9

67.9

Efficacy

(LM/W)

119.2

127.0

133.3

137.0

113.7

121.2

127.9

130.8

119.2

127.0

133.3

137.0

121.2

127.9

130.8

119.2

127.0

133.3

137.0

113.7

121.2

127.9

130.8

119.2

127.0

133.3

137.0

113.7

121.2

127.9

130.8

Lumens

Per Ft

810

862

906

931

1545

1647

1737

1778

810

862

906

931

1545

1647

1737

1778

810

862

906

931

1545

1647

1737

1778

810

862

906

931

1545

1647

1737

1778

Lumens

Out

1619

1725

1812

1861

3090

3295

3475

3555

2429

2587

2718

2792

4635

4942

5212

5333

3239

3450

3624

3723

6180

6589

6949

7111

4049

4312

4529

4653

7725

8237

8687

8888

Drive

Current

350mA 2700K 80+

350mA

350mA

350mA

700mA

700mA

700mA

700mA

350mA

350mA

350mA

350mA

700mA

700mA

700mA

700mA

350mA

350mA

350mA

350mA

700mA

700mA

700mA

700mA

350mA 2700K 80+

350mA

350mA

350mA

700mA

700mA

700mA

700mA

elliptipar

SOLVING FOR LIGHT

THE LIGHTING

3000K 80+

3500K 80+

4000K 80+

2700K 80+

3000K 80+

3500K 80+

4000K

2700K 80+

3000K 80+

3500K 80+

4000K

2700K 80+

3000K 80+

3500K 80+

4000K

2700K 80+

3000K

3500K 80+

4000K

2700K

3000K 80+

3500K 80+

4000K 80+

3000K 80+

3500K 80+

4000K 80+

2700K 804

3500K 80+

4000K

80+

80+

80+

80+

80+ 3000K

NG QU	OTIENT	
Rated CCT	Rated CRI	

ory Magnetic ınce imaging filter. uctor up to 5 amps. tion > 100dB to 10GHz). ne filter required ote driver - consult factory for of drivers required per luminaire.

Accessories

ry extension cord, black jacket 20AWG, socket quick connectors at each end.



Style \$314



21 projections for the light source.

ntingfacts.com/products for details. HVJ-5BWCZS (7/19/2016) R03M-S-00-8-00-0-30-00

be covered by applicable patents and patents pendrsede all prior publications and are subject to change 16 Sylvan R. Shemitz Designs, LLC, all rights reserved.

LIGHT

	_
Catalog Number	ı
S314-R02L-*-**-*-27-00	Γ
S314-R02L-*-**-*-30-00	Γ
S314-R02L-*-**-*-35-00	
S314-R02L-*-**-*-40-00	Γ
S314-R02M-*-**-*-*-27-00	Γ
S314-R02M-*-**-*-*-30-00	Γ
S314-R02M-*-**-*-*-35-00	Γ
S314-R02M-*-**-*-40-00	T
S314-R03L-*-**-*-27-00	
S314-R03L-*-**-**-30-00	ſ
S314-R03L-*-**-*-35-00	
S314-R03L-*-**-*-40-00	Γ
S314-R03M-*-**-*-*-27-00	
S314-R03M-*-**-*-*-30-00	Γ
S314-R03M-*-**-*-*-35-00	Γ
S314-R03M-*-**-*-40-00	Γ
S314-R04L-*-**-**-27-00	
S314-R04L-*-**-**-30-00	
S314-R04L-*-**-*-35-00	
S314-R04L-*-**-*-40-00	
S314-R04M-*-**-*-*-27-00	
S314-R04M-*-**-*-*-30-00	Γ
S314-R04M-*-**-*-*-35-00	Ī
S314-R04M-*-**-*-40-00	
	Ī
S314-R05L-*-**-*-27-00	Γ
S314-R05L-*-**-*-30-00	Γ
S314-R05L-*-**-*-35-00	Γ

S314-R05L-*-**-*--*-40-00

\$314-R05M-*-**-*-27-00 S314-R05M-*-**-*-*-30-00 S314-R05M-*-**-*-35-00

S314-R05M-*-**-*-40-00

elliptipar.

Scaled Perforr elliptipa

Catalog Number	ı
S315-R02L-*-**-**-27-00	
S315-R02L-*-**-**-30-00	
S315-R02L-*-**-*-35-00	
S315-R02L-*-**-**-40-00	
S315-R02M-*-**-*-27-00	
S315-R02M-*-**-*-30-00	
\$315-R02M-*-**-*-35-00	
\$315-R02M-*-**-*-40-00	Ī
S315-R03L-*-**-**-27-00	Ш
S315-R03L-*-**-**-30-00	
S315-R03L-*-**-**-35-00	
S315-R03L-*-**-**-40-00	
S315-R03M-*-**-**-27-00	
\$315-R03M-*-**-*-*-30-00	Ш
\$315-R03M-*-**-*-35-00	П
S315-R03M-*-**-*-40-00	
S315-R04L-*-**-*-27-00	
S315-R04L-*-**-**-30-00	
S315-R04L-*-**-**-35-00	
S315-R04L-*-**-**-40-00	
S315-R04M-*-**-*-27-00	
\$315-R04M-*-**-*-30-00	
S315-R04M-*-**-*-*-35-00	Ī
S315-R04M-*-**-*-40-00	
S315-R05L-*-**-**-27-00	
S315-R05L-*-**-**-30-00	
S315-R05L-*-**-**-35-00	
S315-R05L-*-**-**-40-00	
S315-R05M-*-**-**-27-00	
S315-R05M-*-**-*-30-00	Ī
S315-R05M-*-**-**-35-00	

Scaled Perforr elliptipa

	Catalog Number
S3	16-R02L-*-**-**-27-00
S3	16-R02L-*-**-**-30-00
S3	16-R02L-*-**-**-35-00
S3	16-R02L-*-**-**-40-00
S3	16-R02M-*-**-*-*-27-00
S3	16-R02M-*-**-*-*-30-00
S3	16-R02M-*-**-*-*-35-00
S3	16-R02M-*-**-*-40-00
	16-R03L-*-**-**-27-00
	16-R03L-*-**-**-30-00
	16-R03L-*-**-**-35-00
	16-R03L-*-**-*-40-00
	16-R03M-*-**-*-*-27-00
	16-R03M-*-**-*-*-30-00
	16-R03M-*-**-**-35-00
S3 ⁻	16-R03M-*-**-*-40-00
S3	16-R04L-*-**-*-27-00
S3	16-R04L-*-**-*-30-00
S3	16-R04L-*-**-*-35-00
S3	16-R04L-*-**-*-40-00
S3	16-R04M-*-**-*-27-00
S3	16-R04M-*-**-**-30-00
S3	16-R04M-*-**-*-35-00
S3	16-R04M-*-**-*-*-40-00
	16-R05L-*-**-*-27-00
	16-R05L-*-**-*-*-30-00
	16-R05L-*-**-*-*-35-00
	16-R05L-*-**-*-*-40-00
	16-R05M-*-**-**-27-00
	16-R05M-*-**-*-30-00
	16-R05M-*-**-*-*-35-00
S3:	16-R05M-*-**-*-40-00

elliptipar (

Scaled Performance Tables elliptipar S317



SOLVING FOR LIGHT



THE LIGHTING QUOTIENT

Catalog Number	Length	# LEDs	Lumens Out	Lumens Per Ft	Input Watts	Efficacy (LM/W)	Drive Current	Rated CCT	Rated
S317-R02L-*-**-*-*-27-00	2FT	144	3238	1619	27.2	119.2	350mA	2700K	80+
S317-R02L-*-**-**-30-00	2FT	144	3450	1725	27.2	127.0	350mA	3000K	80+
S317-R02L-*-**-*-*-35-00	2FT	144	3624	1812	27.2	133.3	350mA	3500K	80+
S317-R02L-*-**-**-40-00	2FT	144	3722	1861	27.2	137.0	350mA	4000K	80+
S317-R02M-*-**-*-27-00	2FT	144	6180	3090	54.4	113.7	700mA	2700K	80+
S317-R02M-*-**-*-*-30-00	2FT	144	6590	3295	54.4	121.2	700mA	3000K	80+
S317-R02M-*-**-*-35-00	2FT	144	6950	3475	54.4	127.9	700mA	3500K	80+
S317-R02M-*-**-*-40-00	2FT	144	7110	3555	54.4	130.8	700mA	4000K	80+
S317-R03L-*-**-*-27-00	3FT	216	4858	1619	40.8	119.2	350mA	2700K	80+
S317-R03L-*-**-**-30-00	3FT	216	5174	1725	40.8	127.0	350mA	3000K	80+
S317-R03L-*-**-*-35-00	3FT	216	5436	1812	40.8	133.3	350mA	3500K	80+
S317-R03L-*-**-**-40-00	3FT	216	5584	1861	40.8	137.0	350mA	4000K	80+
S317-R03M-*-**-*-27-00	3FT	216	9270	3090	81.6	113.7	700mA	2700K	80+
S317-R03M-*-**-*-*-30-00	3FT	216	9884	3295	81.6	121.2	700mA	3000K	80+
S317-R03M-*-**-*-*-35-00	3FT	216	10424	3475	81.6	127.9	700mA	3500K	80+
S317-R03M-*-**-*-*-40-00	3FT	216	10666	3555	81.6	130.8	700mA	4000K	80+
S317-R04L-*-**-*-27-00	4FT	288	6478	1619	54.4	119.2	350mA	2700K	80+
S317-R04L-*-**-**-30-00	4FT	288	6900	1725	54.4	127.0	350mA	3000K	80+
S317-R04L-*-**-**-35-00	4FT	288	7248	1812	54.4	133.3	350mA	3500K	80+
S317-R04L-*-**-**-40-00	4FT	288	7446	1861	54.4	137.0	350mA	4000K	80+
S317-R04M-*-**-*-*-27-00	4FT	288	12360	3090	108.6	113.7	700mA	2700K	80+
S317-R04M-*-**-*-*-30-00	4FT	288	13178	3295	108.6	121.2	700mA	3000K	80+
S317-R04M-*-**-**-35-00	4FT	288	13898	3475	108.6	127.9	700mA	3500K	80+
S317-R04M-*-**-*-*-40-00	4FT	288	14222	3555	108.6	130.8	700mA	4000K	80+
S317-R05L-*-**-**-27-00	5FT	360	8098	1619	68.0	119,2	350mA	2700K	80+
S317-R05L-*-**-**-30-00	5FT	360	8624	1725	68.0	127.0	350mA	3000K	80+
S317-R05L-*-**-**-35-00	5FT	360	9058	1812	68.0	133.3	350mA	3500K	80+
S317-R05L-*-**-**-40-00	5FT	360	9306	1861	68.0	137.0	350mA	4000K	80+
S317-R05M-*-**-*-*-27-00	5FT	360	15450	3090	135.8	113.7	700mA	2700K	80+
S317-R05M-*-**-*-*-30-00	5FT	360	16474	3295	135.8	121.2	700mA	3000K	80+
S317-R05M-*-**-*-*-35-00	5FT	360	17374	3475	135.8	127.9	700mA	3500K	80+
S317-R05M-*-**-*-40-00	5FT	360	17776	3555	135.8	130.8	700mA	4000K	80+



\$315-R05M-*-**-*-40-00







Catalog Number	ı
\$314-R02L-*-**-*-27-00	
S314-R02L-*-**-*-30-00	Γ
S314-R02L-*-**-*-35-00	
S314-R02L-*-**-*-40-00	
S314-R02M-*-**-*-*-27-00	Г
S314-R02M-*-**-*-*-30-00	
S314-R02M-*-**-*-35-00	
S314-R02M-*-**-*-40-00	
	_
S314-R03L-*-**-*-27-00	L
S314-R03L-*-**-**-30-00	
\$314-R03L-*-**-*-35-00	
S314-R03L-*-**-*-40-00	Γ
S314-R03M-*-**-*-*-27-00	
S314-R03M-*-**-*-*-30-00	
S314-R03M-*-**-*-*-35-00	
S314-R03M-*-**-*-40-00	
S314-R04L-*-**-*-27-00	L
S314-R04L-*-**-*-*-30-00	
S314-R04L-*-**-*-35-00	Ĺ
S314-R04L-*-**-*-40-00	L
S314-R04M-*-**-**-27-00	L
S314-R04M-*-**-*-*-30-00	L
S314-R04M-*-**-**-35-00	Ĺ
S314-R04M-*-**-*-40-00	L

Scaled Perforr elliptipa

Catalog Number \$315-R02L-*-**-*--*-27-00

00 10 11022
S315-R02L-*-**-*-30-00
\$315-R02L-*-**-*-35-00
S315-R02L-*-**-*-40-00
S315-R02M-*-**-**-27-00
S315-R02M-*-**-*-30-00
\$315-R02M-*-**-**-35-00
S315-R02M-*-**-*-40-00
\$315-R03L-*-**-*-27-00
S315-R03L-*-**-**-30-00
S315-R03L-*-**-*-35-00
S315-R03L-*-**-*-40-00
S315-R03M-*-**-**-27-00
S315-R03M-*-**-*-30-00
S315-R03M-*-**-*-35-00
S315-R03M-*-**-*-40-00
S315-R04L-*-**-*-27-00
\$315-R04L-*-**-*-30-00
S315-R04L-*-**-*-35-00
S315-R04L-*-**-*-40-00
S315-R04M-*-**-**-27-00
S315-R04M-*-**-*-30-00
S315-R04M-*-**-**-35-00
S315-R04M-*-**-*-40-00
S315-R05L-*-**-*-27-00
S315-R05L-*-**-*-30-00
S315-R05L-*-**-*-35-00
S315-R05L-*-**-*-40-00
S315-R05M-*-**-**-27-00
S315-R05M-*-**-**-30-00
S315-R05M-*-**-*-35-00
\$315-R05M-*-**-*-40-00

Scaled Perforr elliptipa

Catalog Number	1				
\$316-R02L-*-**-**-27-00					
S316-R02L-*-**-*-30-00	Γ				
S316-R02L-*-**-*-35-00					
S316-R02L-*-**-*-40-00					
S316-R02M-*-**-*-*-27-00	Г				
S316-R02M-*-**-*-*-30-00					
S316-R02M-*-**-*-35-00					
S316-R02M-*-**-*-40-00					
	_				
S316-R03L-*-**-*-27-00	L				
S316-R03L-*-**-**-30-00	Ĺ				
S316-R03L-*-**-*-35-00	L				
S316-R03L-*-**-*-40-00					
S316-R03M-*-**-*-27-00					
S316-R03M-*-**-*-30-00					
S316-R03M-*-**-*-35-00					
S316-R03M-*-**-*-40-00	Γ				
	_				
S316-R04L-*-**-*-27-00	L				
S316-R04L-*-**-*-30-00	L				
S316-R04L-*-**-*-35-00	L				
S316-R04L-*-**-*-40-00					
S316-R04M-*-**-*-27-00					
S316-R04M-*-**-*-30-00	Ĺ				
S316-R04M-*-**-*-35-00					
S316-R04M-*-**-*-40-00					
S316-R05L-*-**-*-27-00	L				
S316-R05L-*-**-*-30-00	Ĺ				
S316-R05L-*-**-*-35-00	Ĺ				
S316-R05L-*-**-*-40-00	Ĺ				
S316-R05M-*-**-*-27-00	Ĺ				
S316-R05M-*-**-**-30-00	Ĺ				
S316-R05M-*-**-*-35-00	ſ				

Scaled Perforr elliptipa

Catalog Number	
S317-R02L-*-**-*-27-00	
S317-R02L-*-**-**-30-00	
S317-R02L-*-**-**-35-00	
S317-R02L-*-**-*-*-40-00	
S317-R02M-*-**-*-27-00	
S317-R02M-*-**-**-30-00	
S317-R02M-*-**-*-35-00	
S317-R02M-*-**-*-40-00	
S317-R03L-*-**-**-27-00	
S317-R03L-*-**-**-30-00	
S317-R03L-*-**-**-35-00	
S317-R03L-*-**-**-40-00	
S317-R03M-*-**-*-*-27-00	
S317-R03M-*-**-*-*-30-00	
S317-R03M-*-**-*-35-00	
S317-R03M-*-**-*-40-00	_
S317-R04L-*-**-**-27-00	
S317-R04L-*-**-*-*-30-00	_
S317-R04L-*-**-*-35-00	_
S317-R04L-*-**-*-40-00	_
S317-R04M-*-**-*-27-00	
S317-R04M-*-**-*-30-00	
S317-R04M-*-**-*-35-00	_
S317-R04M-*-**-*-40-00	
S317-R05L-*-**-*-27-00	Ī
S317-R05L-*-**-**-30-00	
S317-R05L-*-**-**-35-00	
S317-R05L-*-**-*-*-40-00	
S317-R05M-*-**-*-27-00	
S317-R05M-*-**-*-30-00	
S317-R05M-*-**-*-35-00	

Catalog Number	
S317-R02L-*-**-**-27-00	Γ
S317-R02L-*-**-**-30-00	Ī
S317-R02L-*-**-**-35-00	İ
S317-R02L-*-**-**-40-00	Ī
S317-R02M-*-**-*-27-00	Ī
S317-R02M-*-**-**-30-00	Ī
S317-R02M-*-**-*-35-00	Ī
S317-R02M-*-**-*-40-00	Ī
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S317-R03L-*-**-*-27-00	l
S317-R03L-*-**-**-30-00	Ī
S317-R03L-*-**-**-35-00	Ī
S317-R03L-*-**-**-40-00	Ī
S317-R03M-*-**-*-27-00	Ī
S317-R03M-*-**-**-30-00	Ī
S317-R03M-*-**-*-35-00	Ī
S317-R03M-*-**-*-40-00	Ī
	I
S317-R04L-*-**-*-27-00	
S317-R04L-*-**-**-30-00	Ī
S317-R04L-*-**-**-35-00	l
S317-R04L-*-**-**-40-00	I
S317-R04M-*-**-*-27-00	I
S317-R04M-*-**-*-30-00	
S317-R04M-*-**-*-35-00	I
S317-R04M-*-**-*-40-00	I
S317-R05L-*-**-*-27-00	
S317-R05L-*-**-**-30-00	
S317-R05L-*-**-**-35-00	l
S317-R05L-*-**-**-40-00	I
S317-R05M-*-**-*-27-00	
S317-R05M-*-**-*-*-30-00	ĺ
S317-R05M-*-**-*-35-00	ſ

Scaled Performance Tables elliptipar \$318



SOLVING FOR LIGHT



THE LIGHTING QUOTIENT

Catalog Number	Length	# LEDs	Lumens Out	Lumens Per Ft	Input Watts	Efficacy (LM/W)	Drive Current	Rated CCT	Rated
S318-R02L-*-**-**-27-00	2FT	216	4857	2430	40.8	119.2	350mA	2700K	80+
S318-R02L-*-**-**-30-00	2FT	216	5175	2586	40.8	127.0	350mA	3000K	80+
S318-R02L-*-**-**-35-00	2FT	216	5436	2718	40.8	133.3	350mA	3500K	80+
S318-R02L-*-**-**-40-00	2FT	216	5583	2793	40.8	137.0	350mA	4000K	80+
S318-R02M-*-**-*-27-00	2FT	216	9270	4725	81.6	113.7	700mA	2700K	80+
S318-R02M-*-**-*-*-30-00	2FT	216	9885	4941	81.6	121.2	700mA	3000K	80+
S318-R02M-*-**-**-35-00	2FT	216	10425	5211	81.6	127.9	700mA	3500K	80+
S318-R02M-*-**-*-*-40-00	2FT	216	10665	5334	81.6	130.8	700mA	4000K	80+
S318-R03L-*-**-**-27-00	3FT	324	7287	2430	61.2	119.2	350mA	2700K	80+
S318-R03L-*-**-**-30-00	3FT	324	7761	2586	61.2	127.0	350mA	3000K	80+
S318-R03L-*-**-**-35-00	3FT	324	8154	2718	61.2	133.3	350mA	3500K	80+
S318-R03L-*-**-*-40-00	3FT	324	8376	2793	61.2	137.0	350mA	4000K	80+
S318-R03M-*-**-*-27-00	3FT	324	13905	4725	122.4	113.7	700mA	2700K	80+
S318-R03M-*-**-*-*-30-00	3FT	324	14826	4941	122.4	121.2	700mA	3000K	80+
S318-R03M-*-**-*-35-00	3FT	324	15636	5211	122.4	127.9	700mA	3500K	80+
S318-R03M-*-**-*-40-00	3FT	324	15999	5334	122.4	130.8	700mA	4000K	80+
S318-R04L-*-**-**-27-00	4FT	432	9717	2430	81.6	119.2	350mA	2700K	80+
S318-R04L-*-**-*-*-30-00	4FT	432	10350	2586	81.6	127.0	350mA	3000K	80+
S318-R04L-*-**-*-35-00	4FT	432	10872	2718	81.6	133.3	350mA	3500K	80+
S318-R04L-*-**-*-40-00	4FT	432	11169	2793	81.6	137.0	350mA	4000K	80+
S318-R04M-*-**-*-27-00	4FT	432	18540	4725	162.9	113.7	700mA	2700K	80+
S318-R04M-*-**-*-30-00	4FT	432	19767	4941	162.9	121.2	700mA	3000K	80+
S318-R04M-*-**-*-35-00	4FT	432	20847	5211	162.9	127.9	700mA	3500K	80+
S318-R04M-*-**-*-40-00	4FT	432	21333	5334	162.9	130.8	700mA	4000K	80+
S318-R05L-*-**-**-27-00	5FT	540	12147	2430	102.0	119.2	350mA	2700K	80+
S318-R05L-*-**-*-30-00	5FT	540	12936	2586	102.0	127.0	350mA	3000K	80+
S318-R05L-*-**-*-35-00	5FT	540	13587	2718	102.0	133.3	350mA	3500K	80+
S318-R05L-*-**-*-40-00	5FT	540	13959	2793	102.0	137.0	350mA	4000K	80+
S318-R05M-*-**-*-27-00	5FT	540	23175	4725	203.7	113.7	700mA	2700K	80+
S318-R05M-*-**-*-30-00	5FT	540	24711	4941	203.7	121.2	700mA	3000K	80+
S318-R05M-*-**-*-35-00	5FT	540	26061	5211	203.7	127.9	700mA	3500K	80+
S318-R05M-*-**-*-40-00	5FT	540	26664	5334	203.7	130.8	700mA	4000K	80+



S314-R05M-*-**-*-40-00

\$314-R05L-*-**-*-27-00 \$314-R05L-*-**-*-*-30-00 S314-R05L-*-**-*--*-35-00 S314-R05L-*-**-*-40-00 \$314-R05M-*-**-*-27-00 S314-R05M-*-**-*-*-30-00 S314-R05M-*-**-*-35-00





S316-R05M-*-**-*-40-00







4 Mounting

S = Mounting feet (2 per fixture)

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4 Mounting

S = Mounting feet (2 per fixture)











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4 Mounting

S = Mounting feet (2 per fixture)











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4 Mounting

S = Mounting feet (2 per fixture)



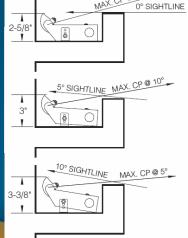






Adjustable Mounting Feet

The optical assembly is adjustable and lockable, in addition, the S315 is provided with mounting feet that can raise the optical assembly to achieve lower aiming angles.

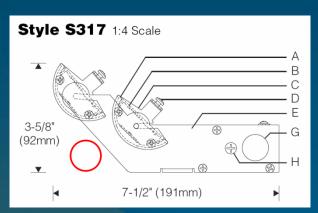


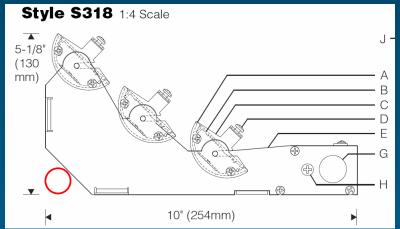
Standard (low) position allows peak candlepower to be aimed as low as 15° above horizontal.

Middle position allows peak candlepower to be aimed as low as 10° above horizontal.

High position allows peak candlepower to be aimed as low as 5° above horizontal. solving FOR LIGHT
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S317 and S318 side arms are tapered at the rear allowing conduit to run behind fixture (high power = more circuits)





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Finish

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and remote driver enclosure; stainless steel luminaire hardware



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Voltage / Driver

6 Voltage/Driver

Electronic Driver

Electronic Dimming Driver*

8 = 120-277V

M = 120-277V

3 = 347V

K = 347V

Refer to Driver Information document MA-1303

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^{*}Dimming range refers to % power input, % light output will vary.

Voltage / Driver

6 Voltage/Driver

Electronic Driver

Electronic Dimming Driver*

8 = 120-277V

M = 120-277V

3 = 347V

K = 347V

Refer to Driver Information document MA-1303

New 347V options for Canada



^{*}Dimming range refers to % power input, % light output will vary.

Voltage / Driver

6 Voltage/Driver

Electronic Driver

Electronic Dimming Driver*

8 = 120-277V

M = 120-277V

3 = 347V

K = 347V

*Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

New 347V options for Canada



S314 Options

7 Option (See Accessories Section for specifications)

00 = No options

OM = For use in MRI medical facility. MRI filters (by others) required on output of each remote driver. Consult factory prior to specification.



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S315, S316, S317, S318 Options

7 Option (See Accessories Section for specifications)

00 = No options

oK = Modular through-wire harness with quick connectors



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Destination Requirement

8 Destination Requirement

0 = UL listed or CSA certified for U.S.

J = UL listed or CSA certified for Canada



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Color Temperature

9 Color Temperature

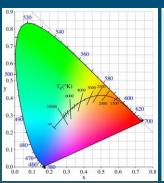
27 = 2700K, 80+ CRI

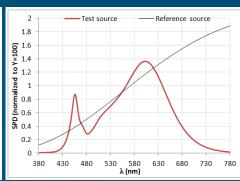
30 = 3000K, 80+ CRI

35 = 3500K, 80+ CRI

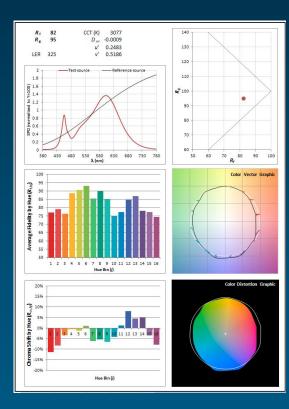
40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available; consult factory.









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Color Temperature

9 Color Temperature

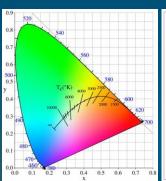
27 = 2700K, 80+ CRI

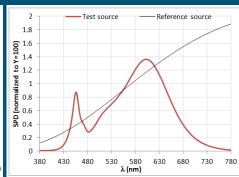
30 = 3000K, 80+ CRI

35 = 3500K, 80+ CRI

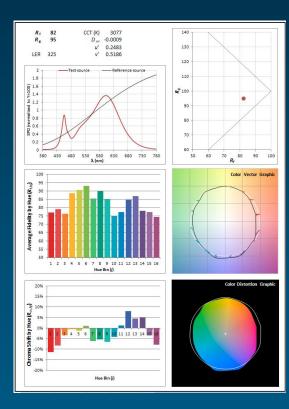
40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available; consult factory.









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10 Dimming**

- 00 = Non-dimming
- **TE** = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- **ZX** = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- **LH** = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- **EL** = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)
- **ED** = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

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10 Dimming**

00 = Non-dimming

TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)

ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others

L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)

LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)

ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.





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ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others

L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)

LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)

ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.







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- **ZX** = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- **LH** = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- **EL** = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)
- **ED** = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.







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10 Dimming**

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- **TE** = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- **ZX** = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- **LH** = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- **EL** = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)
- **ED** = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.









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S314 Accessories

Accessories

Order separately. See Accessories Section for specifications.

AMR02050 = Accessory Magnetic

Resonance imaging filter.

2 conductor up to 5 amps, attenuation > 100dB
(5MHz to 10GHz).

Note: one filter required per remote driver – consult factory for number of drivers required per luminaire.

AXC0810 = Accessory extension cord, black jacket 20AWG, 10' long with plug and socket quick connectors at each end.





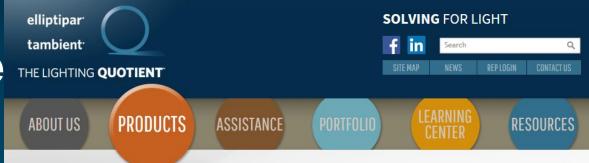
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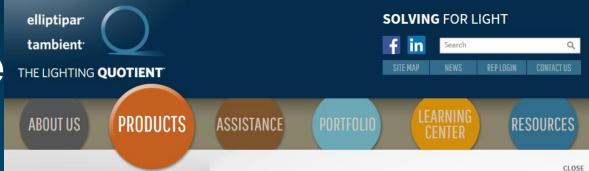
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Indoor high perfomance, smaller profile LED linear cove, integral driver

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Indoor high perfomance, smaller profile LED linear cove, integral driver

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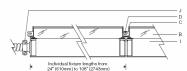
ASSISTANCE

SC 18.0

Style \$315

RESOURCES

Lighting the Ceiling Small linear concealed, integral driver Style S315 1:4 Scale



Optical Assembly 1:2 Scale



Cove 1:8 Scale

Cove Dimensions

diepowei airieu	10 above i	ionzontarj
0° (horiz. cutoff)	5°	10°
6-1/4* (159mm)	7-1/2* (190mm)	7-1/2* (190mm
2-3/16* (56mm)	1-5/8* (41mm)	1-1/2 ' (38mm)
	0° (horiz, cutoff) 6-1/4* (159mm) 2-3/16* (56mm) Recommended	(horiz. cutoff) 7-1/2* (159mm) (190mm) 2-3/16* 1-5/8*

Extruded aluminum driver

housing and driver

Supply conduit and

connectors by others

Specifications

A Serviceable extruded C Stainless steel end plates F Constant current LED board aluminum heat sink/ housing

Housing and Optic Assembly:

- B Extruded acrylic
- beam shaping lens
- with interlocking tabs D Rotation locking tab with locking set screw E Aluminum side arm with
- adjustable mounting tab (fasteners by others)

Electrical:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens. Extruded aluminum driver housing and removable cover. Finish: Optic assembly - bright anodized aluminum. Side arms and driver compartment - mill finish aluminum.

All hardware - stainless steel.

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

(one per fixture)

by others)

G Conduit entry (one each

H Driver/housing joiner screw

end, conduit and connections

Use 90°C wire for supply connections. Integral electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Driver/wireway compartment includes one conduit entry at each end. Channel cover is removable for access to driver and wiring. Luminaires may be butted end-to-end (connectors by others) for through wiring. Optional #12 AWG prewired modular through wiring with quick connectors. Optional electronic dimming driver, compatible dimming controls (by others). See website for dimming compatibility and specifications.

Standard:

UL listed or CSA certified for dry locations. 5 year warranty, maximum ambient temperature 45°C (113°F).



Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly
- Integral driver with optional pre-wired harness
- Low profile allows smaller cove height

Performance

ceilings evenly.

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating



For photometric and lumen maintenance reports, visit theliahtinaauotient.com







Data Sheet

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BIM File

Product Fact Sheets

IES Files

Installation Files

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PRODUCTS

ASSISTANCE

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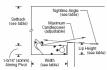
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RESOURCES

Lighting the Ceiling Small linear concealed, integral driver Solid State (LED) Style S315 1:4 Scale Individual fixture lengths from

Optical Assembly 1:2 Scale





Cove 1:8 Scale

Cove Dimensions

24* (610mm) to 108* (2743mm)

(maximum can	dlepower aimed	15° above l	orizontal)
Sightline	0° (horiz. cutoff)	5°	10°
Width (inside)	6-1/4* (159mm)	7-1/2* (190mm)	7-1/2* (190mm
Lip (inside)	2-3/16* (56mm)	1-5/8" (41mm)	1-1/2* (38mm)
Setback	Recommended for 350mA, 18*		

Note: Finish interior of cove matte white for hest results

Extruded aluminum driver

housing and driver

Supply conduit and

connectors by others

Specifications

- A Serviceable extruded C Stainless steel end plates F Constant current LED board aluminum heat sink/ housing
- B Extruded acrylic
- heam shaning lens

Housing and Optic Assembly:

Extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Stainless steel end plates. Extruded acrylic refractive semi-diffuse asymmetric beam shaping lens. Extruded aluminum driver housing and removable cover.

Finish:

Optic assembly - bright anodized aluminum. Side arms and driver compartment - mill finish aluminum. All hardware - stainless steel.

Lay-in installation, side arms with mounting tabs can be base or wall mounted (fasteners by others). Luminaires can be mounted individually or joined together to form a continuous row. Optical assembly aiming is adjustable and is fixed in position by rotation locking screws at each side arm. When mounted in a continuous row, assemblies lock together allowing all in the row to be aimed together.

by others) (one per fixture)

G Conduit entry (one each

H Driver/housing joiner screw

end, conduit and connections

Electrical:

with interlocking tabs

D Rotation locking tab with

locking set screw

E Aluminum side arm with

(fasteners by others)

adjustable mounting tab

Use 90°C wire for supply connections. Integral electronic Class II driver. For complete driver specifications, see website, reference document MA-1303. Driver/wireway compartment includes one conduit entry at each end. Channel cover is removable for access to driver and wiring. Luminaires may be butted end-to-end (connectors by others) for through wiring. Optional #12 AWG prewired modular through wiring with guick connectors. Optional electronic dimming driver, compatible dimming controls (by others). See website for dimming compatibility and specifications.

Standard:

UL listed or CSA certified for dry locations. 5 year warranty, maximum ambient temperature 45°C (113°F).



Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illus
- Wide lateral distribution no socket shadows
- Integral driver with optional pre-wired harness

Performance

Precisely extraded acrylic lens produces an asymmetric distribution ideal for illuminating ceilinas evenly.







5 6 7 8

S = Solid state (LED)

Lumen/Wattage Options:

To Order

2 Style

1 Source

Style

315 = Small linear concealed LED with integral driver

3 Drive Current/Length/No. of LEDs

Solid State LED linear drive current, fixture length, number of emitters, options below.

R02L = 2ft fixture. 72 LEDs @ 350mA. 13.6 watts. 1725 lm R02M = 2ft fixture, 72 LEDs @ 700mA, 27.2 watts, 3295 lm R03L = 3ft fixture, 108 LEDs @ 350mA, 20.4 watts, 2587 lm B03M = 3ft fixture, 108 I EDs @ 700mA, 40.8 watts, 4942 Im R04L = 4ft fixture, 144 LEDs @ 350mA, 27.2 watts, 3450 lm

R04M = 4ft fixture, 144 LEDs @ 700mA, 54.3 watts, 6589 lm R05L = 5ft fixture, 180 LEDs @ 350mA, 34.0 watts, 4312 lm R05M = 5ft fixture, 180 LEDs @ 700mA, 67.9 watts, 8237 lm R06L = 6ft fixture, 216 LEDs @ 350mA, 40.8 watts, 5175 lm R06M = 6ft fixture, 216 LEDs @ 700mA, 81.5 watts, 9884 lm

R07L = 7ft fixture, 252 LEDs @ 350mA, 47.6 watts, 6037 lm R07M = 7ft fixture, 252 LEDs @ 700mA, 95.1 watts, 11531 lm

R08L = 8ft fixture, 288 LEDs @ 350mA, 54.3 watts, 6900 lm ■ Fully adjustable and lockable optic assembly R08M = 8ft fixture, 288 LEDs @ 700mA, 108.7 watts, 13179 lm

R09L = 9ft fixture, 324 LEDs @ 350mA, 61.1 watts, 7762 lm ■ Low profile - allows smaller cove height R09M = 9ft fixture, 324 LEDs @ 700mA, 122.3 watts, 14826 lm

Based on 3000K/80+CRI. Click here for scaled performance table. Note: Other drive currents are available, consult factory.

4 Mounting

S = Sidearms with mounting tabs

00 = Anodized optical housing/heat sink: mill finish brackets and driver enclosure; stainless steel luminaire hardware

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6 Voltage/Driver

Electronic Driver 8 = 120-277V 3 = 347V

Electronic Dimmina Driver* M = 120-277V

K = 347V *Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

00 = No options

0K = Modular through-wire harness with quick connectors

8 Destination Requirement

0 = UL listed or CSA certified for U.S. J = UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80+ CBI

30 = 3000K, 80+ CBI 35 = 3500K, 80+ CRI

40 = 4000K, 80+ CRI Note: Additional CCT and CRI options are available; consult factory.

10 Dimming**

00 = Non-dimming

TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others) ZX = 0-10V analog dimming 120-277V input, dimming range

100%-5%, 0-10V controls by others Lutron A-Series 120-277V input, dimming range

100%-1%, Lutron EcoBus dimming (controls by others) LH = Lutron A-Series 120-277V input, dimming range

100%-1%, Lutron 3-wire dimming (controls by others) EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma

corrected dimming 100%-0.1% power (controls by others) ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

"Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303 Note: Number of drivers varies with number of LEDs, drive current and

elliptipar from The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com

peak candlepower to 1 be aimed as low as 5° above horizontal. 3ft/108 LFDs lighting facts (3000K/80+CRI) Light Output (Lumens) 4942 40 76 Lumens per Watt (Efficacy) 121.25 Color Accuracy 3000 (Bright White) LED Lumen Maintenance Projection at 50,000 Hours at 25°C Ambient*

Based on TM-21 projections for the light source

" See way Enhilogerts comproducts for details

Adjustable Mounting Feet

5° SIGHTLINE MAX OF @ 10°

10° SIGHTLINE

3-3/8"

@ 700mA

862 lm/ft

The optical assembly is adjustable and lockable, in addition. the S315 is provided with mounting feet that can raise the optical assembly to achieve lower aiming angles.

Style S315

Standard (low) position

allows peak candlepower

to be aimed as low as

15° above horizontal.

Middle position allows

peak candlepower to

10° above horizontal.

High position allows

be aimed as low as

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elliptipar® next generation high performance cove









elliptipar® next

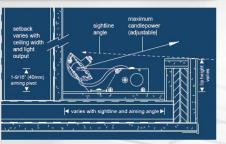


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//////your 4-digit Quickfinder code at www.TheLightingQuotient.com

elliptipar... there is no equal

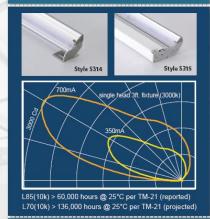






- High performance, smaller profile linear LED cove luminaires in five different body styles
- Fully adjustable and lockable aiming
- Proprietary refractive lens technology produces an asymmetric distribution – ideal for illuminating surfaces uniformly from one edge
- Precise optical control ensures virtually all of the light gets out of the cove and is delivered to the target surface
- Light output up to 1780 lumens per foot based on 4000K/80+CRI at 700mA (single head)
- Up to 16,000 lumens delivered (9' single head) several lumen packages available based on fixture length, drive current and color temperature
- Multiple dimming driver options including 0-10V analog, Reverse Phase/ELV/Trailing Edge, Forward phase/Triac/Leading edge and DALI

- High efficacy 127.0 lumens per watt (based on 3000K, 80+ CRI@ 700mA)
- Several CCT/CRI choices 2700K, 3000K, 3500K or 4000K, 80+ CRI (other CCT and CRI options available upon request)
- Excellent lumen maintenance -
- -L85(10k) > 60,000 hours @ 25°C per TM-21 (reported)
- -L70(10k) > 136,000 hours @ 25°C per TM-21 (projected)
- Programmable drivers are available allows designers to achieve a specific lighting power density or custom light level
- Continuous wireway channel with easy access cover - facilitates installation and driver maintenance
- Optional pre-wired harness with quick connectors – for fast, simple installation





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f in

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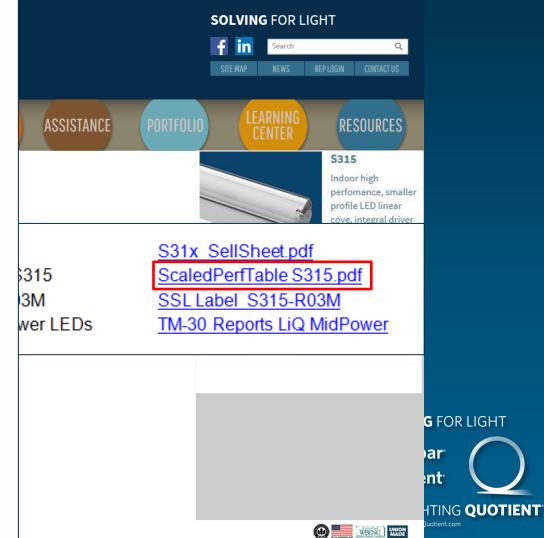
Scaled Performance Tables elliptipar S315



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Catalog Number	Length	# LEDs	Lumens Out	Lumens Per Ft	Input Watts	Efficacy (LM/W)	Drive Current	Rated CCT	Rated CRI
S315-R02L-*-**-**-27-00	2FT	72	1619	810	13.6	119.2	350mA	2700K	80+
S315-R02L-*-**-**-30-00	2FT	72	1725	862	13.6	127.0	350mA	3000K	80+
S315-R02L-*-**-*-35-00	2FT	72	1812	906	13.6	133.3	350mA	3500K	80+
S315-R02L-*-**-*-40-00	2FT	72	1861	931	13.6	137.0	350mA	4000K	80+
S315-R02M-*-**-**-27-00	2FT	72	3090	1545	27.2	113.7	700mA	2700K	80+
S315-R02M-*-**-**-30-00	2FT	72	3295	1647	27.2	121.2	700mA	3000K	80+
S315-R02M-*-**-*-35-00	2FT	72	3475	1737	27.2	127.9	700mA	3500K	80+
S315-R02M-*-**-*-40-00	2FT	72	3555	1778	27.2	130.8	700mA	4000K	80+
S315-R03L-*-**-*-27-00	3FT	108	2429	810	20.4	119.2	350mA	2700K	80+
S315-R03L-*-**-*-30-00	3FT	108	2587	862	20.4	127.0	350mA	3000K	80+
\$315-B03L-*-**-*-35-00	3FT	108	2718	906	20.4	133.3	350mA	3500K	80+
S315-R03L-*-**-*-40-00	3FT	108	2792	931	20.4	137.0	350mA	4000K	80+
S315-R03M-*-**-*-27-00	3FT	108	4635	1545	40.8	113.7	700mA	2700K	80+
S315-R03M-*-**-*-30-00	3FT	108	4942	1647	40.8	121.2	700mA	3000K	80+
\$315-R03M-*-**-*-35-00	3FT	108	5212	1737	40.8	127.9	700mA	3500K	80+
S315-R03M-*-**-*-40-00	3FT	108	5333	1778	40.8	130.8	700mA	4000K	80+
S315-R04L-*-**-**-27-00	4FT	144	3239	810	27.2	119.2	350mA	2700K	80+
\$315-R04L-*-**-*-30-00	4FT	144	3450	862	27.2	127.0	350mA	3000K	80+
\$315-R04L-*-**-*-35-00	4FT	144	3624	906	27.2	133.3	350mA	3500K	80+
S315-R04L-*-**-*-40-00	4FT	144	3723	931	27.2	137.0	350mA	4000K	80+
S315-R04M-*-**-**-27-00	4FT	144	6180	1545	54.3	113.7	700mA	2700K	80+
S315-R04M-*-**-*-30-00	4FT	144	6589	1647	54.3	121.2	700mA	3000K	80+
S315-R04M-*-**-**-35-00	4FT	144	6949	1737	54.3	127.9	700mA	3500K	80+
S315-R04M-*-**-*-40-00	4FT	144	7111	1778	54.3	130.8	700mA	4000K	80+
S315-R05L-*-**-*-27-00	5FT	180	4049	810	34.0	119.2	350mA	2700K	80+
S315-R05L-*-**-*-30-00	5FT	180	4312	862	34.0	127.0	350mA	3000K	80+
S315-R05L-*-**-**-35-00	5FT	180	4529	906	34.0	133.3	350mA	3500K	80+
S315-R05L-*-**-*-40-00	5FT	180	4653	931	34.0	137.0	350mA	4000K	80+
\$315-R05M-*-**-*-27-00	5FT	180	7725	1545	67.9	113.7	700mA	2700K	80+
S315-R05M-*-**-*-30-00	5FT	180	8237	1647	67.9	121.2	700mA	3000K	80+
S315-R05M-*-**-*-35-00	5FT	180	8687	1737	67.9	127.9	700mA	3500K	80+
S315-R05M-*-**-*-*-40-00	5FT	180	8888	1778	67.9	130.8	700mA	4000K	80+

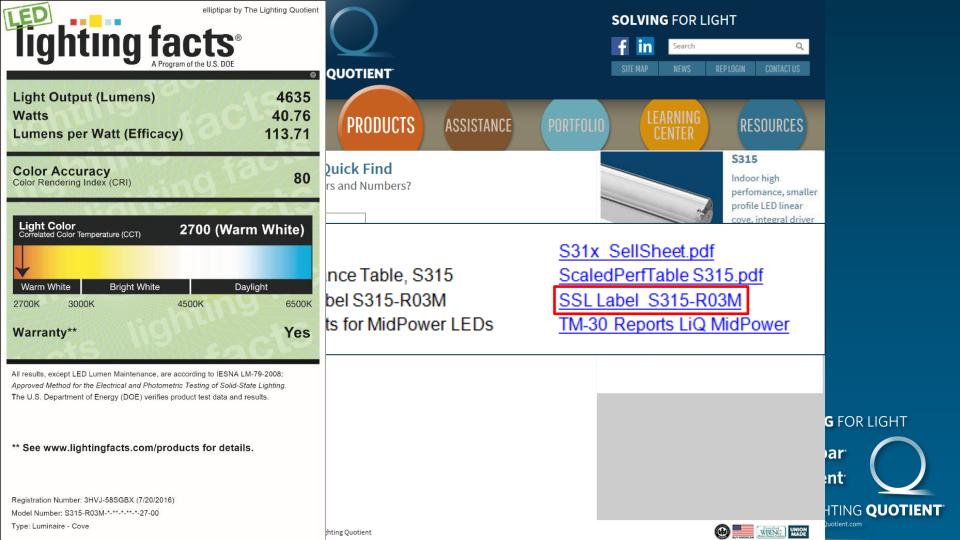






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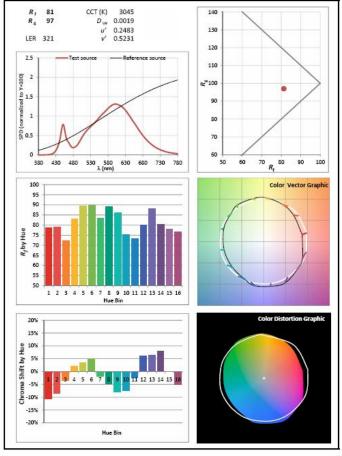




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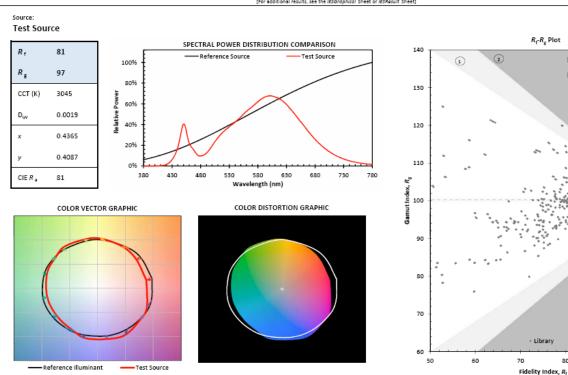






BASIC RESULTS

[For additional results, see the IESGraphical Sheet or IESRasult Sheet]





Test Source

90

100

80

Approx. limits for sources on the Planckian locus.

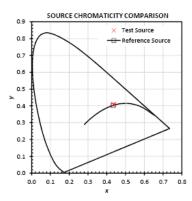
2 Approx. limits for practical



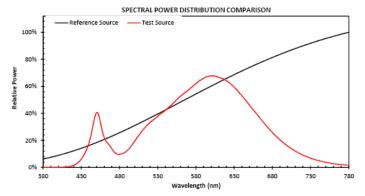


Metric	Test	Reference	Notes	Metric	Test	Reference	Notes
R _f R _g	81 97	100 100	IES TM-30-15 Fidelity Index IES TM-30-15 Gamut Index	CCT D _{uv}	3045 0.0019	3045 0.0000	Correlated Color Temperature Distance from the blackbody locus
CIE R _a K ₉	81 13	100 100	CIE Test Color Method General Index CIE Test Color Method Sample Nine Score	x y	0.4365 0.4087	0.4338 0.4030	CIE 1931 chromaticity coordinate CIE 1931 chromaticity coordinate
LER	321	165	Luminous Efficacy of Radiation	u v	0.2483 0.3487	0.2490 0.3470	CIE 1960 chromaticity coordinate CIE 1960 chromaticity coordinate
R _{f,skin}	86	100	Average of CES15 and CES18 (skin)	u' v'	0.2483 0.5231	0.2490 0.5205	CIE 1976 chromaticity coordinate CIE 1976 chromaticity coordinate

Source Properties



This chart plots the chromaticity of the test and reference sources in the CIE 1931 chromaticity



This chart displays the spectral power distributions for the test and reference source. Each SPD has been normalized so that the maximum values is 100%.





JRCES

ce, smaller

D linear gral driver





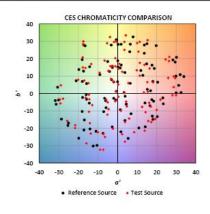
ar



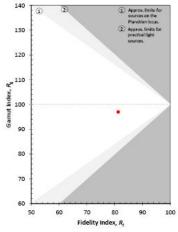




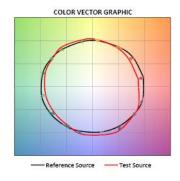
General Color Rendition



This plot shows the shift in chromaticity for each individual CES.



This plot shows a comparison of the $R_{\rm f}$ and $R_{\rm g}$ values relative to the range of possible values



This plot shows the average chromaticity shift for the samples within each of 16 hue bins. The values are normalized so that the reference is a circle.





Color Sample Comparison (Ap	proximate)
-----------------------------	------------

C84 1	CES 2	CES S	CES 4	CES S	4E1 6	CES 7	CES S
v		* t	T		2		B B
Type d	Type č	Тури А	Турк А	Type D	Type č	Type ii	Турк Б
CES 9	CE9 10	CE9 12	CEP 12	C59 19	CS9 14	CS9 1.8	CE9 16
Type F	Type G	Type C	Type A	Type F	Type II	Type 8	Туре С
C81 17	CES 18	C88 19	C53 20	C59 21	CS1 22	CSS 29	CSS 2-6
Type C	Type 5	Type I	Type P	Type D	Type D		Type E
C69 28	Chir 2 6	C48 27	C69 28	CAS 29	CER SO	CAN WE	C#8 8/8
Type A		TYPE A	Туре G	Type C	TVP+A	Type D	Type C
C28 88	CE9 84	C88 38	C28 3-8	C88-87	CES 30	CE8 89	CE8 40
	Type 0	Type G	Type A	Type A	Type A	Type F	Type F
CES 41	CES 42	CES 48	CES 44	CES 45	CE1 46	CES 47	CES 48
Type C	Types F	Types C	Type F	Type G	Type E	Types C	Type D
CES 49	CER SC	CB8 81	CES 52	CER 83	CES NA	CB8 88	CES 540
Type D	Type F	Type F	Type P	Type #	TypeP	Type S	Турь В
CBS 87	COR OE	CAS 50		CER 91	CRI 62	CRE 62	CRI 64
Type C	Type D	тура в	TYDO U	Type P	Type C	Type F	TYRO II
CES 60	CEM 00	CM 07	CEN SH	CEN OF	CEN 70	Chil 71	CES 72
Type F	Type E	Type E	Type P	Type F	TypeP	Type F	Type P
C58 79	CER 74	CER 78	CER 76	CSS 77	CE2 78	CSR 70	CER SO
Type F	Type C	Typen F	Type F	Type A	Type F	Types C	Type 6
CES 61		CES SIS	CES 54	CER BS	CES SO	CES 87	CES SS
Тура А	Type G	Type G	Type F	Тура А	Type G	Type F	Type F
CRI SO	CMR DO	CHR 61	CAS 51	CAS ON	CH2 64	CME OS	CMI ed
Турн А	Туран #	Types A.	Тури А	Тури В	Type C	Турия А	Тури А
CAM N7	CHA UE	CAR NO					

WARNING: The colors in this graphic will not update unless the option is selected prior to calculation (see Main sheet). The colors shown are approximate and depend on proper monitor calibration. Some colors may be outside of the gamut of the monitor, and will not be displayed accurately. For each sample, the color on the left represents the reference source, and the color on the right represents the test source.

Sample Type:

A - Nature

B - Skin

C - Textiles

D - Paints

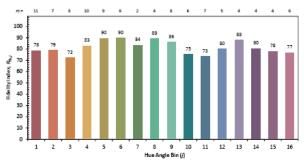
E - Plastic F - Printed







Color Rendition by Hue

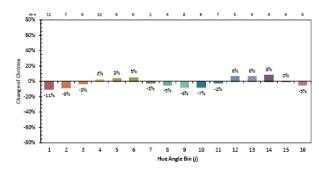


1 0.0°-22.5°
2 22.5°-45.0°
3 45.0°-67.3°
4 67.5°-90.0°
5 90.0°-112.5°
112.5°-133.0°
7 135.0°-137.5°
8 157.3°-130.0°
10 202.5°-223.0°
11 220.0°-247.5°
12 247.5°
13 270.0°-29.25°
14 292.5°-31.50°
15 310.0°-31.50°

16 337.5°-360.0°

Hue Angle

This chart displays the average Fidelity Index for all samples within the hue bin. The number of samples per bin, which can vary based on the CCT used for the calculation, is shown at the top. The color of the bar is based on the average chromaticity under the 5000 K reference illuminant; the colors may not display accurately depending on the calibration of the monitor, and should be used for orientation only.

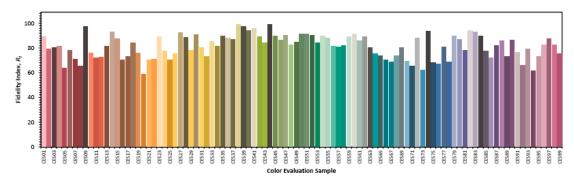


This chart displays the change in chroma for the average sample within each hue bin. The number of samples per bin, which can vary based on the CCT used for the calculation, is shown at the top. The color of the bar is based on the average chromaticity under the 5000 K reference illiminant; the colors may not display accurately depending on the calibration of the monitor, and should be used for orientation only.



ENT'

Color Fidelity by Sample



This chart displays the Fidelity Index for each of the 99 CEs. The CES are arranged by their hue angle under the 5000 K reference source, which was also used to determine the color of each bar. The colors are approximate and depend on proper monitor calibration. Some colors may be outside of the gamut of the monitor, and will not be displayed accurately.





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Electrical Test Conditions							
Temp Voltage Current Power Power Factor Frequency Current TH							
25.1 °C 120.0 VAC 0.3405 A 40.76 W 0.997 60 Hz 5.87 %							

Summary of Results Total Lumen Output 4942 Lumens					
4942 Lumens					
121.3 lm/w					
3020 Candela					
3075 K					
82.5					
-0.0009					
82.3					
95.0					

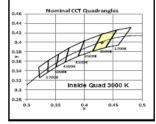
Zonal Lumen Summary					
Zone	Lumens	% Luminaire			
0-30	3	0.1%			
0-40	6	0.1%			
0-60	22	0.5%			
0-90	100	2.1%			
40-90	94	2.0%			
60-90	78	1.6%			
90-180	4644	97.9%			
0.100	4744	100.094			

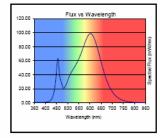
Spacing Criteria				
0-180	0.53			
90-270	4.82			

Average Luminance cd/m²					
Vertical Angle	Horizontal Angle 0				
0	37				
45	0				
55	0				
65	0				
75	0				
85	1666				

Cone of Light Tabulation						
Mounting Height (Ft)	Footcandles at Nadir	Dlameter (Ft)				
4.00 /	0.308	9.66				
6.00 /	0.137	14.5				
8.00	0.0770	/19.3				
1,07.0	0.0493	24,2				
/12.0	0.0342	29.0				
/ 14.0	0.0252	33.8				
16.0	0.0193	38.6				

180	165	180	195	
\	/ /		\wedge	
1	+	\rightarrow		
$ \rangle $		\checkmark _	Δ_{\sim}	129
***	H		1	
	7X	$\overline{}$	$/ \setminus$	105
	*//	<u> </u>		
W		1900	2250	
"	700	T	2250	99
60 30 0.15 180 Deg. Plane	45 60 11 270 Deg.	0 Deg. Plane	— - ⁹⁰¹	_





Intensity (Candlepower) Summary				
Angle	Mean CP	Lumens		
0	5			
5	5	0		
10	5			
15	4	1		
20	3			
25	3	1		
30	3			
35	5	3		
40	7			
45	8	7		
50	9			
55	11	10		
60	12			
65	13	13		
70	13			
75	11	12		
80	9			
85	36	54		
90	163			

Your Logo Here

Color Rendering Index Details				
Ra (CRI)	82.5			
R1	81.1			
R2	91.7			
R3	95.7			
R4	79.2			
R5	81			
R6	89.2			
R7	82.5			
R8	59.7			
R9	9.4			
R10	80.4			
R11	77.6			
R12	69.3			
R13	83.8			
R14	98.4			

Chromaticity Coordinates				
Chromaticity (x)	0.4303			
Chromaticity (y)	0.3995			
Chromaticity (u)	0.2483			
Chromaticity (v)	0.3457			
Chromaticity (u')	0.2483			
Chromaticity (v')	0.5186			
Duv	-0.0009			

Testing was performed in accordance with LM-79-08 The results contained in this summary pertain only to report #1265418







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Small Concealed Linear LED, integral driver

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175mA, S315-RXXG, 2700K, 80+ CRI, ceiling 175mA, S315-RXXG, 3000K, 80+ CRI, ceiling 175mA, S315-RXXG, 3500K, 80+ CRI, ceiling 175mA, S315-RXXG, 4000K, 80+ CRI, ceiling 350mA, S315-RXXL, 2700K, 80+ CRI, ceiling 350mA, S315-RXXL, 3000K, 80+ CRI, ceiling 350mA, S315-RXXL, 3500K, 80+ CRI, ceiling 350mA, S315-RXXL, 4000K, 80+ CRI, ceiling 700mA, S315-RXXM, 2700K, 80+ CRI, ceiling 700mA, S315-RXXM, 3000K, 80+ CRI, ceiling 700mA, S315-RXXM, 3500K, 80+ CRI, ceiling 700mA, S315-RXXM, 3500K, 80+ CRI, ceiling 700mA, S315-RXXM, 4000K, 80+ CRI, ceiling 700mA, S315-RXXM, 4000K, 80+ CRI, ceiling 700mA, S315-RXXM, 4000K, 80+ CRI, ceiling

\$\frac{\text{S315-RXXG}}{\text{S315-RXXG}} 27 \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXG} 30 \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXG} 35 \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXG} 40 \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXL} 27 \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXL} 30 \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXL} 35 \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXL} 40 \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXM} \text{ 27 } \text{ 80 } \text{C} \text{ 126518.IES} \\
\text{S315-RXXM} \text{ 30 } \text{ 80 } \text{C} \text{ 126518.IES} \\
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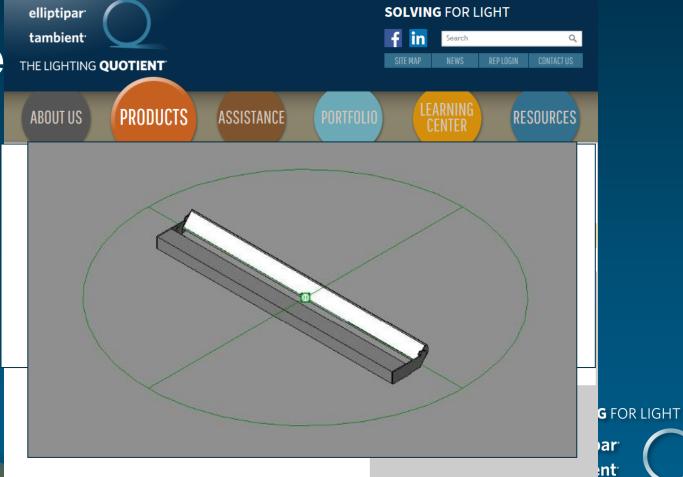
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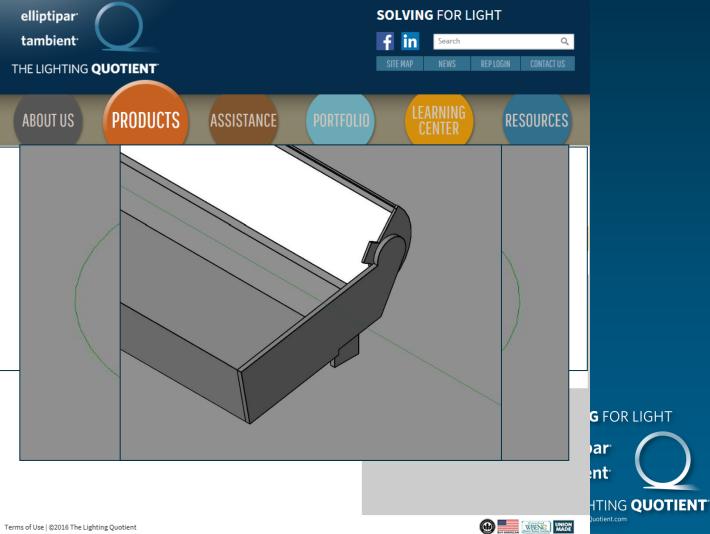








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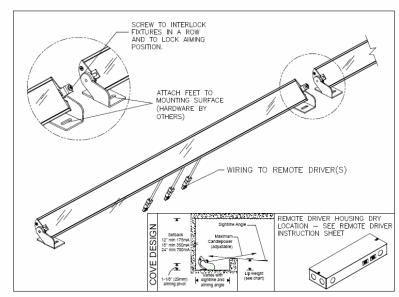
Small Concealed LED SOLID STATE LED (UL/CSA)

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SAVE THESE INSTRUCTIONS FOR FUTURE USE.

MOUNTING AND WIRING INSTRUCTIONS:

- 1. LAY FIXTURE(S) IN COVE AND SECURELY FASTEN MOUNTING BRACKETS IN PLACE.
- ESTABLISH REMOTE LOCATION FOR DRIVER(S). INSTALL PER MA-1357. 3. RUN SUPPLY CONDUIT BETWEEN FIXTURE(S) AND DRIVER HOUSING(S)
- NOTE: FOR MRI APPLICATIONS, INSTALL MRI FILTER (BY OTHERS) ON EACH DRIVER OUTPUT.
- 4. INTERLOCK REFLECTORS IN ROW WITH SCREWS PROVIDED ON HEAD ASSEMBLY
- 5. AIM FIXTURES AS DESIRED, LOCK AIMING POSITION OF EACH FIXTURE WITH SCREW PROVIDED.



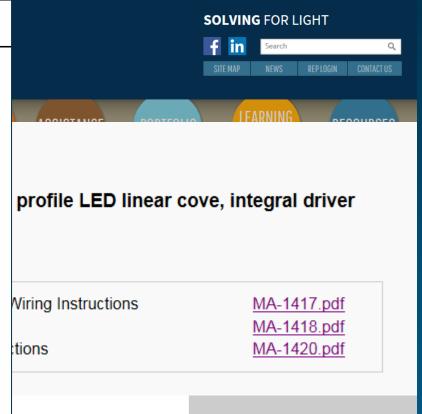
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Small Concealed LED SOLID STATE LED (UL/CSA)

MOUNTING AND WIRING INSTRUCTIONS:

1. LAY FIXTURE(S) IN COVE AND SECURELY FA

RUN SUPPLY CONDUIT BETWEEN FIXTURE(5)

ESTABLISH REMOTE LOCATION FOR DRIVER(S

NOTE: FOR MRI APPLICATIONS, INSTALL MRI

4. INTERLOCK REFLECTORS IN ROW WITH SCREW

5. AIM FIXTURES AS DESIRED, LOCK AIMING PO

WARNING - RISK OF FIRE IS TO BE INSTALLED B CAUTION - BE SURE POWE INSTALL IN ACCORDANCE

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Small Concealed LED

SINGLE, DOUBLE AND TRIPLE HEAD UNIT

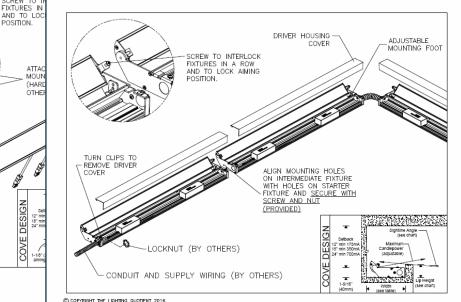
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MOUNTING AND WIRING INSTRUCTIONS:

- 1. LAY FIXTURE(S) IN COVE AND REMOVE DRIVER HOUSING COVER(S). TURN CLIPS TO REMOVE COVERS. REMOVE KNOCK-OUT(S) FOR SUPPLY WIRING (CONDUIT AND CONNECTORS BY OTHERS).
- 3. WHEN MOUNTING MORE THAN ONE FIXTURE IN A ROW, CONNECT FIXTURES USING HARDWARE PROVIDED. 4. MOUNT FIXTURES TO BASE OF COVE WITH ADJUSTABLE MOUNTING FEET (MOUNTING HARDWARE BY OTHERS).
- 5. RUN SUPPLY WIRING (90°C MIN) BETWEEN FIXTURES (WIRE BY OTHERS)
- CONNECT SUPPLY WIRING TO DRIVER WIRING (LINE TO BLACK, NEUTRAL TO WHITE AND GROUND TO GRN/YEL).
- REINSTALL DRIVER HOUSING COVER(S) USING CLIPS FROM STEP #1 8. INTERLOCK REFLECTORS IN ROW WITH SCREWS PROVIDED ON HEAD ASSEMBLY
- 9. AIM FIXTURES AS DESIRED, LOCK AIMING POSITION OF EACH FIXTURE WITH SCREW PROVIDED.



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Small Concealed LED Small Concealed LED SOLID STATE LED (UL/CSA) SOLID STATE LED (UL/CSA) SINGLE, DOUBLE AND TRIPLE HEA WARNING - RISK OF FIRE WARNING - RISK OF FIRE IS TO BE INSTALLED B IS TO BE INSTALLED E CAUTION - BE SURE POWE CAUTION - BE SURE POWE INSTALL IN ACCORDANCE SAVE THESE INST MOUNTING AND WIRING INSTRUCTIONS:

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RUN SUPPLY CONDUIT BETWEEN FIXTURE(5)

ESTABLISH REMOTE LOCATION FOR DRIVER(S

NOTE: FOR MRI APPLICATIONS, INSTALL MRI

4. INTERLOCK REFLECTORS IN ROW WITH SCREW

5. AIM FIXTURES AS DESIRED, LOCK AIMING PO

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INSTALL IN ACCORDANCE SAVE THESE INST MOUNTING AND WIRING INSTRUCTIONS: 1. LAY FIXTURE(S) IN COVE AND REMOVE DRIV REMOVE KNOCK-OUT(S) FOR SUPPLY WIRING

MOUNTING AND WIRING INSTRUCTIONS:

Small Concealed LED

SINGLE, DOUBLE AND TRIPLE HEAD UNIT

SOLID STATE LED (UL/CSA)

1. LAY FIXTURE(S) IN COVE AND REMOVE DRIVER HOUSING COVER(S). TURN CLIPS TO REMOVE COVERS. 3. WHEN MOUNTING MORE THAN ONE FIXTURE IN A ROW, CONNECT FIXTURES USING HARDWARE PROVIDED. 4. MOUNT FIXTURES TO BASE OF COVE WITH ADJUSTABLE MOUNTING FEET (MOUNTING HARDWARE BY OTHERS).

3. WHEN MOUNTING MORE THAN ONE FIXTURE 4. MOUNT FIXTURES TO BASE OF COVE WITH 5. RUN SUPPLY WIRING (90°C MIN) BETWEEN F CONNECT SUPPLY WIRING TO DRIVER WIRING 7. REINSTALL DRIVER HOUSING COVER(S) USING

8. INTERLOCK REFLECTORS IN ROW WITH SCREI 9. AIM FIXTURES AS DESIRED, LOCK AIMING PO

SCREW TO FIXTURES I AND TO LO POSITION. TURN CLIPS TO REMOVE DRIVER COVER LOCKNUT (BY OTHE

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CONNECT SUPPLY WIRING TO DRIVER WIRING (LINE TO BLACK, NEUTRAL TO WHITE AND GROUND TO GRN/YEL) 7. REINSTALL DRIVER HOUSING COVER(S) USING CLIPS FROM STEP #1 8. INTERLOCK REFLECTORS IN ROW WITH SCREWS PROVIDED ON HEAD ASSEMBLY 9. AIM FIXTURES AS DESIRED, LOCK AIMING POSITION OF EACH FIXTURE WITH SCREW PROVIDED DRIVER HOUSING ADJUSTABLE COVER MOUNTING FOOT SCREW TO INTERLOCK FIXTURES IN A ROW AND TO LOCK AIMING POSITION. TURN CLIPS TO REMOVE DRIVER CUT OFF CONNECTORS COVER AT BOTH ENDS OF ROW IGN MOUNTING HOLES AND INSULATE EACH ON INTERMEDIATE FIXTURE WIRE INDIVIDUALLY WITH HOLES ON STARTER FIXTURE AND SECURE WITH SCREW AND NUT (PROVIDED) Sightline Angle (see chart) Setback (A) 12° min 175mA LOCKNUT (BY OTHERS) 8" min 350mA Candlenower (adjustable) 4" min 700mA CONDUIT AND SUPPLY WIRING (BY OTHERS) * Lip Helaht 1-9/16" Width

WARNING - RISK OF FIRE AND ELECTRIC SHOCK. THIS PRODUCT

IS TO BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY.

INSTALL IN ACCORDANCE WITH THE N.E.C. AND LOCAL CODES

SAVE THESE INSTRUCTIONS FOR FUTURE USE

REMOVE KNOCK-OUT(S) FOR SUPPLY WIRING (CONDUIT AND CONNECTORS BY OTHERS)

5. RUN SUPPLY WIRING (90°C MIN) BETWEEN FIXTURES (WIRE BY OTHERS).

CAUTION - BE SURE POWER IS DISCONNECTED PRIOR TO WIRING.

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Small Concealed LED SOLID STATE LED (UL/CSA)

MOUNTING AND WIRING INSTRUCTIONS:

1. LAY FIXTURE(S) IN COVE AND SECURELY FA

3. RUN SUPPLY CONDUIT BETWEEN FIXTURE(S

ESTABLISH REMOTE LOCATION FOR DRIVER(S

NOTE: FOR MRI APPLICATIONS, INSTALL MRI

4. INTERLOCK REFLECTORS IN ROW WITH SCREW

5. AIM FIXTURES AS DESIRED, LOCK AIMING PO

WARNING - RISK OF FIRE

CAUTION - BE SURE POWER

INSTALL IN ACCORDANCE

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Small Concealed LFD SOLID STATE LED (UL/CSA) SINGLE, DOUBLE AND TRIPLE HEA

SOLID STATE LED (UL/CSA)

SINGLE, DOUBLE AND TRIPLE HEA

WARNING - RISK OF FIRE IS TO BE INSTALLED B

3. WHEN MOUNTING MORE THAN ONE FIXTURE

4. MOUNT FIXTURES TO BASE OF COVE WITH

5. RUN SUPPLY WIRING (90°C MIN) BETWEEN F

REINSTALL DRIVER HOUSING COVER(S) USING

8. INTERLOCK REFLECTORS IN ROW WITH SCREI 9. AIM FIXTURES AS DESIRED, LOCK AIMING PO

CONNECT SUPPLY WIRING TO DRIVER WIRING

CAUTION - BE SURE POWE INSTALL IN ACCORDANCE SAVE THESE INST WARNING - RISK OF FIRE IS TO BE INSTALLED E

Small Concealed LED

CAUTION - BE SURE POWE INSTALL IN ACCORDANCE

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MOUNTING AND WIRING INSTRUCTIONS: 1. LAY FIXTURE(S) IN COVE AND REMOVE DRIVI REMOVE KNOCK-OUT(S) FOR SUPPLY WIRING MOUNTING AND WIRING INSTRUCTIONS: 1. LAY FIXTURE(S) IN COVE AND REMOVE DRIV

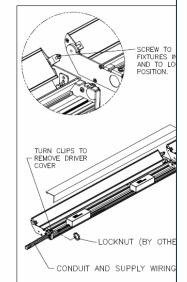
REMOVE KNOCK-OUT(S) FOR SUPPLY WIRING 3. WHEN MOUNTING MORE THAN ONE FIXTURE

4. MOUNT FIXTURES TO BASE OF COVE WITH . 5. RUN SUPPLY WIRING (90°C MIN) BETWEEN

CONNECT SUPPLY WIRING TO DRIVER WIRING REINSTALL DRIVER HOUSING COVER(S) USING

8. INTERLOCK REFLECTORS IN ROW WITH SCRE 9. AIM FIXTURES AS DESIRED, LOCK AIMING PO

SCREW TO FIXTURES AND TO LO POSITION. TURN CLIPS TO REMOVE DRIVER COVER -LOCKNUT (BY OTHE CONDUIT AND SUPPLY WIRING



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STYLES S314, S315, S316, S317, S318 Disassembly and Recycling Instructions



Disassembly Instructions:

1) Loosen driver box cover screws, remove cover.

2) Remove acrylic lens

3) Remove nuts on inside of LED housing and remove housing from side arms

4) Remove side arm screws (6 total), remove side arms

5) Remove end plate screws (4 total), remove end plates

6) Remove wires from LED boards and LED driver

7) Remove driver from driver box channel 8) Using a gasket scraper or putty knife, remove the LED boards from LED housing extrusion

Materials for Recycle: Aluminum

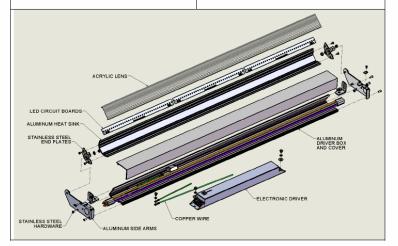
> Driver box extrusion Cover extrusion LED housing

Side arms Stainless Steel End plates

Cover clip, screws and nuts

Copper - Wires Plastic - Lens (acrylic)

Electronics - LED driver and LED boards



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MA-1420 A S314 S315 S316 S317 S318 - Disassembly and Recycling Instructions

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Small Concealed LED SOLID STATE LED (UL/CSA)

MOUNTING AND WIRING INSTRUCTIONS:

1. LAY FIXTURE(S) IN COVE AND SECURELY FA

3. RUN SUPPLY CONDUIT BETWEEN FIXTURE(S

ESTABLISH REMOTE LOCATION FOR DRIVER(S

NOTE: FOR MRI APPLICATIONS, INSTALL MRI

4. INTERLOCK REFLECTORS IN ROW WITH SCREW

5. AIM FIXTURES AS DESIRED, LOCK AIMING PO

WARNING - RISK OF FIRE

CAUTION - BE SURE POWER

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SCREW TO FIXTURES IN AND TO LOC POSITION.

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Small Concealed LFD SOLID STATE LED (UL/CSA) SINGLE, DOUBLE AND TRIPLE HEA

SOLID STATE LED (UL/CSA)

Small Concealed LED

WARNING - RISK OF FIRE

SINGLE, DOUBLE AND TRIPLE HEA

WARNING - RISK OF FIRE

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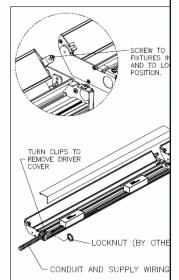
MOUNTING AND WIRING INSTRUCTIONS:

1. LAY FIXTURE(S) IN COVE AND REMOVE DRIVI REMOVE KNOCK-OUT(S) FOR SUPPLY WIRING 3. WHEN MOUNTING MORE THAN ONE FIXTURE

4. MOUNT FIXTURES TO BASE OF COVE WITH 5. RUN SUPPLY WIRING (90°C MIN) BETWEEN F CONNECT SUPPLY WIRING TO DRIVER WIRING

REINSTALL DRIVER HOUSING COVER(S) USING 8. INTERLOCK REFLECTORS IN ROW WITH SCREI

9. AIM FIXTURES AS DESIRED, LOCK AIMING PO



SAVE THESE INST MOUNTING AND WIRING INSTRUCTIONS:

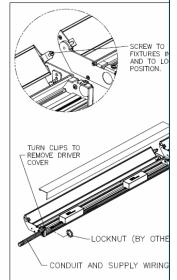
1. LAY FIXTURE(S) IN COVE AND REMOVE DRIV

REMOVE KNOCK-OUT(S) FOR SUPPLY WIRING 3. WHEN MOUNTING MORE THAN ONE FIXTURE

4. MOUNT FIXTURES TO BASE OF COVE WITH . 5. RUN SUPPLY WIRING (90°C MIN) BETWEEN

CONNECT SUPPLY WIRING TO DRIVER WIRING REINSTALL DRIVER HOUSING COVER(S) USING

8. INTERLOCK REFLECTORS IN ROW WITH SCRE 9. AIM FIXTURES AS DESIRED, LOCK AIMING PO



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STYLES S314, S315, S316, S317, S318 Disassembly and Recycling Instructions



Disassembly Instructions:

1) Loosen driver box cover screws, remove cover.

2) Remove acrylic lens

3) Remove nuts on inside of LED housing and remove housing from side arms

4) Remove side arm screws (6 total), remove side arms 5) Remove end plate screws (4 total), remove end plates

6) Remove wires from LED boards and LED driver

7) Remove driver from driver box channel 8) Using a gasket scraper or putty knife, remove the LED boards from LED housing extrusion

End plates Cover clip, screws and nuts Copper - Wires

Driver box extrusion

Cover extrusion

LED housing

Side arms

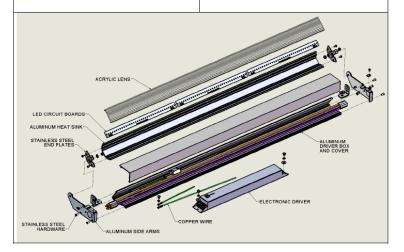
Plastic - Lens (acrylic)

Materials for Recycle:

Aluminum

Stainless Steel

Electronics - LED driver and LED boards



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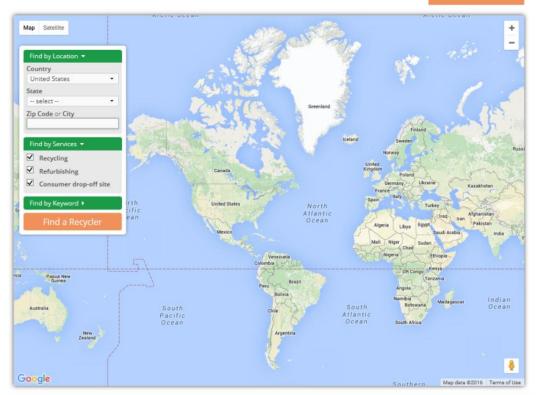
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isassembly Instructions:

-) Loosen driver box cover screws, remove cover.
- Remove acrylic lens
- Remove nuts on inside of LED housing and remove housing from side arms
- Remove side arm screws (6 total), remove side arms
- Remove end plate screws (4 total), remove end plates
- Remove wires from LED boards and LED driver
- Remove driver from driver box channel
 Using a gasket scraper or putty knife, remove the LED
 boards from LED housing extrusion

Materials for Recycle: Aluminum

Driver box extrusion

Cover extrusion LED housing Side arms

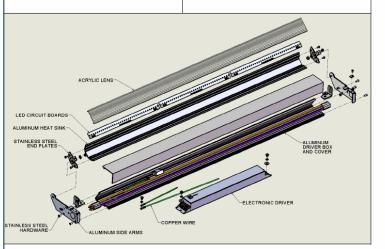
Stainless Steel End plates

Cover clip, screws and nuts

Copper - Wires

Plastic - Lens (acrylic)

Electronics - LED driver and LED boards



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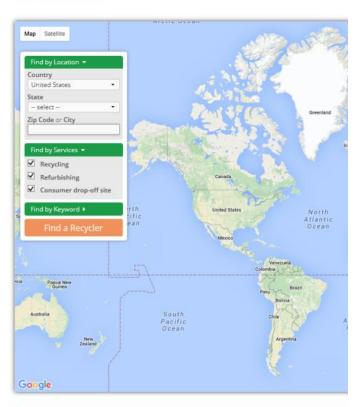
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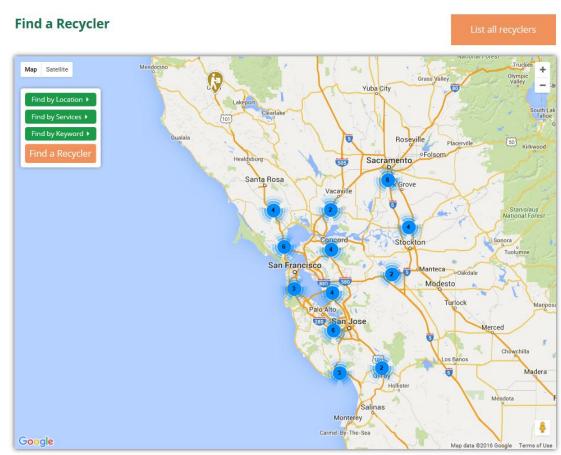












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Cut Sheet

Product Configurator

Notes

See architectural detail EA-04

Fixture Style: S315

Catalog Number: S315-R04M-S-00-M-00-0-35-ZX-A

Attributes	Selec	tion
Cut Sheet Template		Lighting the Ceiling
Source and Style	S315	Indoor Small Concealed fraqtir LED with Integral Driver
Row Length and Light Output	R04M	4ft Unit @ 1647 lumens per foot
Mount	S	Sidearms with Mounting Tabs for Wall or Ceiling Mounting
Finish	00	Anodized Heatsink with Mill Finish Driver Housing
Voltage	М	120V-277V Electronic Dimming Driver
Option	00	No options
Destination Req Code	0	UL listed or CSA certified for United States
Lamp Color Temp	35	3500K, 80+ CRI
Driver Manufacturer	ZX	0-10V Analog dims to 10% (0-10V controls by others 4ft
Revision	Α	Revision A (09-01-10)

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Product Configurator

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Product Data

Cut Sheet

Product Configurator

Fixture Style: S315

Catalog Number: S315-R04M-S-00-M-00-0-35-ZX-A

Attributes	Sele	ction
Cut Sheet Template		Lighting the Ceiling
Source and Style	S315	Indoor Small Concealed fraqtir LED with Integral Driver
Row Length and Light Output	R04M	4ft Unit @ 1647 lumens per foot
Mount	S	Sidearms with Mounting Tabs for Wall or Ceiling Mounting
Finish	00	Anodized Heatsink with Mill Finish Driver Housing
Voltage	М	120√-277√ Electronic Dimming Driver
Option	00	No options
Destination Req Code	0	UL listed or CSA certified for United States
Lamp Color Temp	35	3500K 80+ CRI

Revision A (09-01-10)

0-10V Analog dims to 10% (0-10V controls by others 4ft

Notes

Revision

See architectural detail EA-04

Driver Manufacturer

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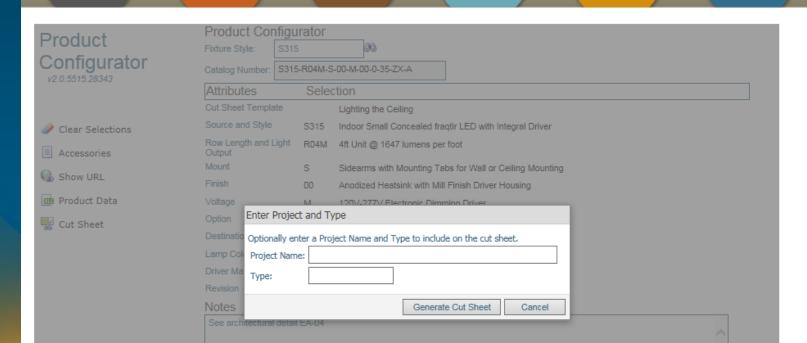
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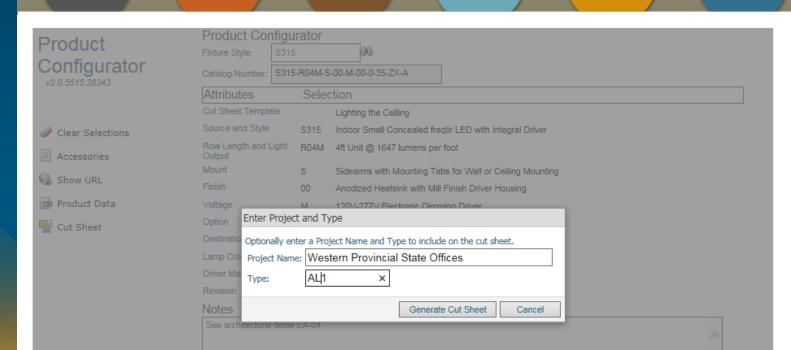
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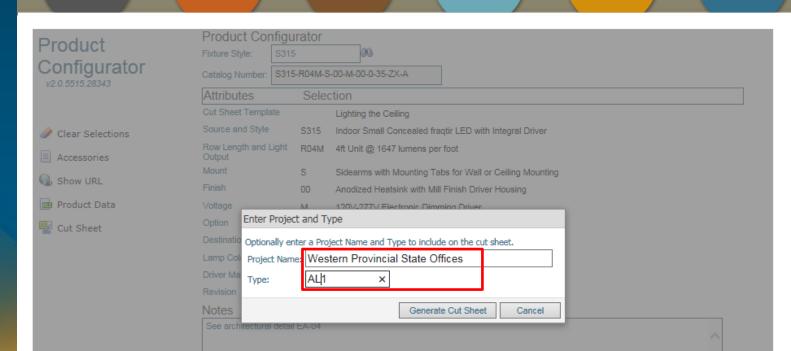
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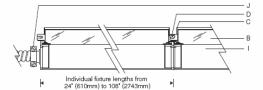
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RESOURCES



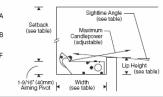
Lighting the Ceiling Style S315 Small linear concealed, integral driver Solid State (LED)

Style \$315 1:4 Scale _ 2-5/8" (67mm) . 5-3/4" (146mm)



Optical Assembly 1:2 Scale

Cove 1:8 Scale



Cove Dimensions

(maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°		
Width	6-1/4"	7-1/2"	7-1/2"		
(inside)	(159mm)	(190mm)	(190mm)		
Lip (inside)	2-3/16*	1-5/8*	1-1/2"		
	(56mm)	(41mm)	(38mm)		
Setback	12" (305mm) min. recommended for 175mA, 18" (457mm) for 350mA; 24" (610mm) for 700mA.				

Note: Finish interior of cove matte white for best results.

Specifications

- A Serviceable extruded aluminum heat sink/ housing
- B Extruded acrylic beam shaping lens

PROJECT NAME:

(09-01-10)

CATALOG NUMBER:

Notes: See architectural detail EA-04

- with interlocking tabs D Rotation locking tab with locking set screw
- E Aluminum side arm with
- adjustable mounting tab (fasteners by others)

Western Provincial State Offices

S315-R04M-S-00-M-00-0-35-ZX-A

- F Constant current LED board C Stainless steel end plates
 - G Conduit entry (one each end. conduit and connections J by others)
 - H Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and drivers
- Supply conduit and connectors by others

TYPF:

AL1

Features

- Proprietary refractive lens technology
- Asymmetric distribution uniform surface illumination
- Wide lateral distribution no socket shadows
- Fully adjustable and lockable optic assembly ■ Integral driver with optional pre-wired harness
- Low profile allows smaller cove height

Performance

Precisely extruded acrylic lens produces an asymmetric distribution idéal for illuminating ceilings evenly.



SC 18.0

L85(10k) > 60.000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit thelightingquotient.com



Lighting the Ceiling; Indoor Small Concealed fraqtir LED with Integral Driver; 4ft Unit @ 1647 lumens per foot; Sidearms with Mounting Tabs for Wall or Ceiling Mounting; Anodized Heatsink with Mill Finish Driver Housing; 120V-277V Electronic Dimming Driver; No options; UL listed or CSA certified for United States; 3500K, 80+ CRI; 0-10V Analog dims to 10% (0-10V controls by others 4ft; Revision A

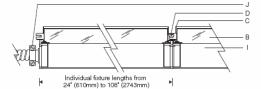


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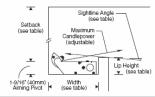
Lighting the Ceiling Style S315 Small linear concealed, integral driver Solid State (LED)

Style \$315 1:4 Scale _ 2-5/8" (67mm) . 5-3/4" (146mm)



Optical Assembly 1:2 Scale

Cove 1:8 Scale



Cove Dimensions

(maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°		
Width	6-1/4"	7-1/2"	7-1/2*		
(inside)	(159mm)	(190mm)	(190mm)		
Lip (inside)	2-3/16*	1-5/8*	1-1/2"		
	(56mm)	(41mm)	(38mm)		
Setback	12" (305mm) min. recommended for 175mA, 18" (457mm) for 350mA; 24" (610mm) for 700mA.				

Note: Finish interior of cove matte white for best results.

AL1

Specifications

- A Serviceable extruded aluminum heat sink/ housing
- B Extruded acrylic beam shaping lens

PROJECT NAME:

(09-01-10)

CATALOG NUMBER:

Notes: See architectural detail EA-04

- with interlocking tabs D Rotation locking tab with locking set screw E Aluminum side arm with
- adjustable mounting tab (fasteners by others)

Western Provincial State Offices

S315-R04M-S-00-M-00-0-35-ZX-A

F Constant current LED board C Stainless steel end plates

Lighting the Ceiling; Indoor Small Concealed fraqtir LED with Integral Driver; 4ft Unit @ 1647 lumens per foot; Sidearms with Mounting Tabs for Wall or Ceiling Mounting; Anodized Heatsink with Mill Finish Driver Housing; 1207-277V Electronic Dimming Driver; No options; UL listed or CSA certified for United States; 3500K, 80+ CRI; 0-10V Analog dims to 10% (0-10V controls by others 4ft; Revision A

- G Conduit entry (one each end. conduit and connections J by others)
- H Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and drivers
- Supply conduit and

- connectors by others

TYPE:

Performance

Features

■ Proprietary refractive lens technology

■ Asymmetric distribution – uniform surface illumination

■ Wide lateral distribution – no socket shadows

■ Fully adjustable and lockable optic assembly

■ Integral driver with optional pre-wired harness

■ Low profile – allows smaller cove height

Precisely extruded acrylic lens produces an asymmetric distribution idéal for illuminating ceilings evenly.



SC 18.0

L85(10k) > 60.000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit thelightingquotient.com





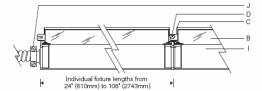


'ING FOR LIGHT



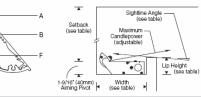
Lighting the Ceiling Style S315 Small linear concealed, integral driver Solid State (LED)

Style \$315 1:4 Scale _ 2-5/8" (67mm) . 5-3/4" (146mm)



Optical Assembly 1:2 Scale

Cove 1:8 Scale



Cove Dimensions

(maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°	
Width	6-1/4"	7-1/2"	7-1/2"	
(inside)	(159mm)	(190mm)	(190mm)	
Lip (inside)	2-3/16*	1-5/8*	1-1/2"	
	(56mm)	(41mm)	(38mm)	
Setback	12" (305mm) min. recommended for 175mA, 18" (457mm) for 350mA; 24" (610mm) for 700mA.			

Note: Finish interior of cove matte white for best results.

AL1

Specifications

- A Serviceable extruded aluminum heat sink/ housing
- B Extruded acrylic beam shaping lens

PROJECT NAME:

(09-01-10)

CATALOG NUMBER:

Notes: See architectural detail EA-04

- adjustable mounting tab
- C Stainless steel end plates with interlocking tabs D Rotation locking tab with
- (fasteners by others)

Western Provincial State Offices

S315-R04M-S-00-M-00-0-35-ZX-A

- F Constant current LED board
 - G Conduit entry (one each end. conduit and connections J by others)
- Extruded aluminum driver housing and drivers
 - Supply conduit and

asymmetric distribution idéal for illuminating ceilings evenly.



SC 18.0

L85(10k) > 60.000 hrs @ 25°C per TM-21

For photometric and lumen maintenance reports, visit thelightingquotient.com



locking set screw E Aluminum side arm with H Driver/housing joiner screw

Lighting the Ceiling; Indoor Small Concealed fraqtir LED with Integral Driver; 4ft Unit @ 1647 lumens per foot; Sidearms with Mounting Tabs for Wall or Ceiling Mounting; Anodized Heatsink with Mill Finish Driver Housing; 1202-227V Electronic Dimming Driver; No options; UL listed or CSA certified for United States; 3500K, 80+ CRI; 0-10V Analog dims to 10% (0-10V controls by others 4ft; Revision A

(one per fixture)

TYPE:

- connectors by others
- - Fully adjustable and lockable optic assembly ■ Integral driver with optional pre-wired harness
 - Low profile allows smaller cove height

■ Proprietary refractive lens technology

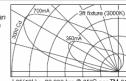
■ Asymmetric distribution – uniform surface illumination

■ Wide lateral distribution – no socket shadows

Performance

Features

Precisely extruded acrylic lens produces an



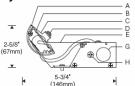






Lighting the Ceiling Small linear concealed, integral drive

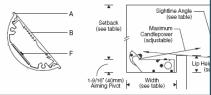
Style \$315 1:4 Scale





Optical Assembly 1:2 Scale

Cove 1:8 Scale



Specifications

- A Serviceable extruded aluminum heat sink/ housing
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates F Cons with interlocking tabs G Cond D Rotation locking tab with end. locking set screw by of
- E Aluminum side arm with H Drive adjustable mounting tab (fasteners by others)

(one

PROJECT NAME: Western Provincial State Offices

S315-R04M-S-00-M-00-0-35-ZX-CATALOG NUMBER:

Lighting the Ceiling: Indoor Small Concealed fragtir LED per foot; Sidearms with Mounting Tabs for Wall or Ceiling Driver Housing; 120V-277V Electronic Dimming Driver; I States: 3500K, 80+ CRI: 0-10V Analog dims to 10% (0-(09-01-10)

Notes: See architectural detail EA-04

To Order

Catalog Number

S315-R04M-S-00-M-00-0-35-ZX-A

1 Source

S = Solid state (LED)

2 Style

315 = Small linear concealed LED with integral driver

3 Length and Light Output

Length, number of LEDs, drive current, input power and delivered lumens below

	R02G = 2ft fixture,	72 LEDs @ 175mA,	6.8 watts,	934 lm
	R02L = 2ft fixture,	72 LEDs @ 350mA,	13.6 watts,	1725 lm
	R02M = 2ft fixture,	72 LEDs @ 700mA,	27.2 watts,	3295 lm
	R03G = 3ft fixture,	108 LEDs @ 175mA,	10.2 watts,	1402 lm
	R03L = 3ft fixture,	108 LEDs @ 350mA,	20.4 watts,	2587 lm
	R03M = 3ft fixture,	108 LEDs @ 700mA,	40.8 watts,	4942 lm
	R04G = 4ft fixture,	144 LEDs @ 175mA,	13.6 watts,	1869 lm
	R04L = 4ft fixture,	144 LEDs @ 350mA,	27.2 watts,	3450 lm
	R04M = 4ft fixture,	144 LEDs @ 700mA,	54.3 watts,	6589 lm
	R05G = 5ft fixture,	180 LEDs @ 175mA,	17.0 watts,	2336 lm
7	R05L = 5ft fixture,	180 LEDs @ 350mA,	34.0 watts,	4312 lm
ı	R05M = 5ft fixture,	180 LEDs @ 700mA,	67.9 watts,	8237 lm
	R06G = 6ft fixture,	216 LEDs @ 175mA,	20.4 watts,	2803 lm
ı	R06L = 6ft fixture,	216 LEDs @ 350mA,	40.8 watts,	5175 lm
ı	R06M = 6ft fixture,	216 LEDs @ 700mA,	81.5 watts,	9884 lm
	R07G = 7ft fixture,	252 LEDs @ 175mA,	23.8 watts,	3271 lm
	R07L = 7ft fixture,	252 LEDs @ 350mA,	47.6 watts,	6037 lm
	R07M = 7ft fixture,	252 LEDs @ 700mA,	95.1 watts,	11531 lm
	R08G = 8ft fixture,	288 LEDs @ 175mA,	27.2 watts,	3738 lm
	R08L = 8ft fixture,	288 LEDs @ 350mA,	54.3 watts,	6900 lm
	R08M = 8ft fixture,	288 LEDs @ 700mA,	108.7 watts,	13179 lm
	R09G = 9ft fixture,	324 LEDs @ 175mA,	30.6 watts,	4205 lm
	R09L = 9ft fixture,	324 LEDs @ 350mA,	61.1 watts,	7762 lm
	R09M = 9ft fixture,	324 LEDs @ 700mA,	122.3 watts,	14826 lm
	Based on 3000K/80+	CRI. See website for sca	led performan	ce table.

Note: Other drive currents are available, consult factory

4 Mounting

S = Sidearms with mounting tabs

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and driver enclosure; stainless steel luminaire hardware



Project: Western Provincial State Offices

6 Voltage/Driver

Electronic Driver Electronic Dimming Driver* M = 120-277V

= 120-277V 3 = 347VK = 347V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

00 = No options

0K = Modular through-wire harness with quick connectors

8 Destination Requirement

- 0 = UL listed or CSA certified for U.S.
- UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80 + CRI

30 = 3000K, 80+ CRI

35 = 3500K, 80 + CRI

40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available; consult factory.

10 Dimming**

00 = Non-dimming

- TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- LH = Lutron A-Series 120-277V input, dimming range
- 100%-1%, Lutron 3-wire dimming (controls by others) EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)
- ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

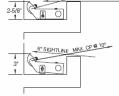
Voice 203.931.4455 • Fax 203.931.4464 • thelighting quotient.com

elliptipar from The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06516, USA Type: AL1

Adjustable Mounting Feet

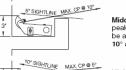
The optical assembly is adjustable and lockable, in addition, the S315 is provided with mounting feet that can raise the optical assembly to achieve lower aiming angles.

MAX. CP @ 15°

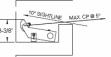


Standard (low) position allows peak candlepower to be aimed as low as 15° above horizontal.

Style \$315



Middle position allows peak candlepower to be aimed as low as 10° above horizontal.



High position allows peak candlepower to be aimed as low as 5° above horizontal.

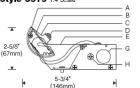
3ft/108 LEDs @ 700mA. 862 lm/ft (3000K/80+CRI) shown >



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Lighting the Ceiling Small linear concealed, integral drive

Style \$315 1:4 Scale



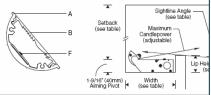


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Optical Assembly 1:2 Scale

Cove 1:8 Scale



Specifications

- A Serviceable extruded aluminum heat sink/ housing
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates F Cons with interlocking tabs G Cond D Rotation locking tab with locking set screw
 - E Aluminum side arm with H Drive adjustable mounting tab (one (fasteners by others)

PROJECT NAME: Western Provincial State Offices

S315-R04M-S-00-M-00-0-35-ZX-CATALOG NUMBER:

Lighting the Ceiling: Indoor Small Concealed fragtir LED per foot; Sidearms with Mounting Tabs for Wall or Ceiling Driver Housing; 120V-277V Electronic Dimming Driver; I States: 3500K, 80+ CRI: 0-10V Analog dims to 10% (0-(09-01-10)

Notes: See architectural detail EA-04

To Order Style \$315

Catalog Number

S315-R04M-S-00-M-00-0-35-ZX-A

1 Source

S = Solid state (LED)

2 Style

315 = Small linear concealed LED with integral driver

3 Length and Light Output

Length, number of LEDs, drive current, input power and delivered lumens below

		72 LEDs @ 175mA,	6.8 watts,	934 lm
	R02L = 2ft fixture,	72 LEDs @ 350mA,	13.6 watts,	1725 lm
	R02M = 2ft fixture,	72 LEDs @ 700mA,	27.2 watts,	3295 lm
	R03G = 3ft fixture,	108 LEDs @ 175mA,	10.2 watts,	1402 lm
	R03L = 3ft fixture,	108 LEDs @ 350mA,	20.4 watts,	2587 lm
	R03M = 3ft fixture,	108 LEDs @ 700mA,	40.8 watts,	4942 lm
	R04G = 4ft fixture,	144 LEDs @ 175mA,	13.6 watts,	1869 lm
	R04L = 4ft fixture,	144 LEDs @ 350mA,	27.2 watts,	3450 lm
	R04M = 4ft fixture,	144 LEDs @ 700mA,	54.3 watts,	6589 lm
	R05G = 5ft fixture,	180 LEDs @ 175mA,	17.0 watts,	2336 lm
_	R05L = 5ft fixture,	180 LEDs @ 350mA,	34.0 watts,	4312 lm
1	R05M = 5ft fixture,	180 LEDs @ 700mA,	67.9 watts,	8237 lm
	R06G = 6ft fixture,	216 LEDs @ 175mA,	20.4 watts,	2803 lm
1	R06L = 6ft fixture,	216 LEDs @ 350mA,	40.8 watts,	5175 lm
.	R06M = 6ft fixture,	216 LEDs @ 700mA,	81.5 watts,	9884 lm
I	R07G = 7ft fixture,	252 LEDs @ 175mA,	23.8 watts,	3271 lm
_	R07L = 7ft fixture,	252 LEDs @ 350mA,	47.6 watts,	6037 lm
	R07M = 7ft fixture,	252 LEDs @ 700mA,	95.1 watts,	11531 lm
	R08G = 8ft fixture,	288 LEDs @ 175mA,	27.2 watts,	3738 lm
	R08L = 8ft fixture,	288 LEDs @ 350mA,	54.3 watts,	6900 lm
	R08M = 8ft fixture,	288 LEDs @ 700mA,	108.7 watts,	13179 lm
	R09G = 9ft fixture,	324 LEDs @ 175mA,	30.6 watts,	4205 lm
	R09L = 9ft fixture,	324 LEDs @ 350mA,	61.1 watts,	7762 lm
	R09M = 9ft fixture,	324 LEDs @ 700mA,	122.3 watts,	14826 lm
	Based on 3000K/80+	CRI. See website for scal	ed performano	e table.

Note: Other drive currents are available, consult factory

4 Mounting

S = Sidearms with mounting tabs

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and driver enclosure; stainless steel luminaire hardware



Project: Western Provincial State Offices

6 Voltage/Driver

Electronic Driver Electronic Dimming Driver* M = 120-277V

= 120-277V 3 = 347VK = 347V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

00 = No options

0K = Modular through-wire harness with quick connectors

8 Destination Requirement

- 0 = UL listed or CSA certified for U.S.
- UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80+ CRI

30 = 3000K, 80+ CRI

35 = 3500K, 80 + CRI

40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available; consult factory.

10 Dimming**

00 = Non-dimming

- TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)
- ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

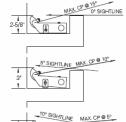
elliptipar from The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06516, USA

Voice 203.931.4455 • Fax 203.931.4464 • thelighting quotient.com

Type: AL1

Adjustable Mounting Feet

The optical assembly is adjustable and lockable, in addition, the S315 is provided with mounting feet that can raise the optical assembly to achieve lower aiming angles.



Standard (low) position allows peak candlepower to be aimed as low as 15° above horizontal.





3ft/108 LEDs @ 700mA. 862 lm/ft (3000K/80+CRI) shown >



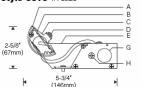
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9/16

9/16

Lighting the Ceiling Small linear concealed, integral drive

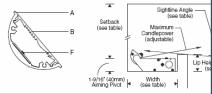
Style S315 1:4 Scale





Optical Assembly 1:2 Scale

Cove 1:8 Scale



Specifications

- A Serviceable extruded aluminum heat sink/ housing
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates with interlocking tabs
 D Rotation locking tab with locking set screw
 F Cons
 G Concluded in the construction of the co
 - E Aluminum side arm with adjustable mounting tab (fasteners by others)

PROJECT NAME: Western Provincial State Offices

CATALOG NUMBER: S315-R04M-S-00-M-00-0-35-ZX-

Lighting the Ceiling; Indoor Small Concealed fragtir LED per foot; Sidearms with Mounting Tabs for Wall or Ceiling Driver Housing; 120V-277V Electronic Dimming Driver; N States; 3500K, 80+ CRI; 0-10V Analog dims to 10% (0-(09-01-10)

Notes: See architectural detail EA-04

To Order

Catalog Number

S315-R04M-S-00-M-00-0-35-ZX-A

1 Source

S = Solid state (LED)

2 Style

315 = Small linear concealed LED with integral driver

3 Length and Light Output

Length, number of LEDs, drive current, input power and delivered lumens below.

	delivered farriers b	CIOW.		
		72 LEDs @ 175mA, 72 LEDs @ 350mA,	6.8 watts, 13.6 watts,	
		72 LEDs @ 700mA,	27.2 watts,	
	,	108 LEDs @ 175mA,	10.2 watts,	
	R03L = 3ft fixture,	108 LEDs @ 350mA,	20.4 watts,	2587 lm
	R03M = 3ft fixture,	108 LEDs @ 700mA,	40.8 watts,	4942 lm
	R04G = 4ft fixture,	144 LEDs @ 175mA,	13.6 watts,	1869 lm
	R04L = 4ft fixture,	144 LEDs @ 350mA,	27.2 watts,	3450 lm
	R04M = 4ft fixture,	144 LEDs @ 700mA,	54.3 watts,	6589 lm
	R05G = 5ft fixture,	180 LEDs @ 175mA,	17.0 watts,	2336 lm
	R05L = 5ft fixture,	180 LEDs @ 350mA,	34.0 watts,	4312 lm
ı	R05M = 5ft fixture,	180 LEDs @ 700mA,	67.9 watts,	8237 lm
l	R06G = 6ft fixture,	216 LEDs @ 175mA,	20.4 watts,	2803 lm
ı	R06L = 6ft fixture,	216 LEDs @ 350mA,	40.8 watts,	5175 lm
ı	R06M = 6ft fixture,	216 LEDs @ 700mA,	81.5 watts,	9884 lm
ı	R07G = 7ft fixture,	252 LEDs @ 175mA,	23.8 watts,	3271 lm
_	R07L = 7ft fixture,	252 LEDs @ 350mA,	47.6 watts,	6037 lm
	R07M = 7ft fixture,	252 LEDs @ 700mA,	95.1 watts,	11531 lm
	R08G = 8ft fixture,	288 LEDs @ 175mA,	27.2 watts,	3738 lm
	R08L = 8ft fixture,	288 LEDs @ 350mA,	54.3 watts,	6900 lm
	R08M = 8ft fixture,	288 LEDs @ 700mA,	108.7 watts,	13179 lm
	R09G = 9ft fixture,	324 LEDs @ 175mA,	30.6 watts,	4205 lm
	R09L = 9ft fixture,	324 LEDs @ 350mA,	61.1 watts,	7762 lm
	R09M = 9ft fixture,	324 LEDs @ 700mA,	122.3 watts,	14826 lm
	Based on 3000K/80+	CRI. See website for sca	led performand	e table.

Note: Other drive currents are available, consult factory.

4 Mounting

S = Sidearms with mounting tabs

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and driver enclosure; stainless steel luminaire hardware



Project: Western Provincial State Offices

6 Voltage/Driver

Electronic Driver

8 = 120-277V

MI = 120-277V

8 = 120-277V M = 120-2 3 = 347V K = 347V

*Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

00 = No options

0K = Modular through-wire harness with quick connectors

8 Destination Requirement

0 = UL listed or CSA certified for U.S.

J = UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80+ CRI

30 = 3000K, 80+ CRI

35 = 3500K, 80+ CRI

40 = 4000K, 80 + CRI

Note: Additional CCT and CRI options are available; consult factory.

10 Dimming**

00 = Non-dimming

driver type.

TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)

ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others

L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)

LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)

ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary.

Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and

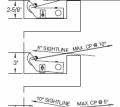
elliptipar from The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06

114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelighting quotient.com Type: AL1

Adjustable Mounting Feet

The optical assembly is adjustable and lockable, in addition, the S315 is provided with mounting feet that can raise the optical assembly to achieve lower aiming angles.

MAX. CP @ 15°



Standard (low) position allows peak candlepower to be aimed as low as 15° above horizontal.

Style \$315



High position allows peak candlepower to be aimed as low as 5° above horizontal.

3ft/108 LEDs @ 700mA, 862 lm/ft (3000K/80+CRI) shown >

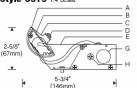


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18.1

Lighting the Ceiling Small linear concealed, integral drive

Style \$315 1:4 Scale





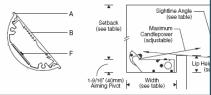
F Cons

end.

by of

Optical Assembly 1:2 Scale

Cove 1:8 Scale



Specifications

- A Serviceable extruded aluminum heat sink/ housing
- B Extruded acrylic beam shaping lens
- C Stainless steel end plates with interlocking tabs G Cond D Rotation locking tab with locking set screw
- E Aluminum side arm with H Drive adjustable mounting tab (one (fasteners by others)

PROJECT NAME: Western Provincial State Offices

S315-R04M-S-00-M-00-0-35-ZX-CATALOG NUMBER:

Lighting the Ceiling: Indoor Small Concealed fragtir LED per foot; Sidearms with Mounting Tabs for Wall or Ceiling Driver Housing; 120V-277V Electronic Dimming Driver; I States: 3500K, 80+ CRI: 0-10V Analog dims to 10% (0-(09-01-10)

Notes: See architectural detail EA-04

To Order

Catalog Number

S315-R04M-S-00-M-00-0-35-ZX-A

1 Source

S = Solid state (LED)

2 Style

315 = Small linear concealed LED with integral driver

3 Length and Light Output

Length, number of LEDs, drive current, input power and delivered lumens below

	aciircica iailiolio p	0.0							
	R02G = 2ft fixture, R02L = 2ft fixture,	72	LEDs	@	350mA,	13.6	watts,		lm
	R02M = 2ft fixture, R03G = 3ft fixture,				,		watts, watts.	3295 1402	
	R03L = 3ft fixture,	108	LEDs	@	350mA,	20.4	watts,		
	RO3M = 3ft fixture,							4942	
	R04G = 4ft fixture, R04L = 4ft fixture,						watts, watts,	1869 3450	
	R04M = 4ft fixture,						watts,		
	R05G = 5ft fixture, R05L = 5ft fixture,						watts, watts.	2336 4312	
	R05M = 5ft fixture,							8237	
	R06G = 6ft fixture,							2803	
:	R06L = 6ft fixture, R06M = 6ft fixture,						,	5175 9884	
1	R07G = 7ft fixture,							3271	
	R07L = 7ft fixture,								
	R07M = 7ft fixture, R08G = 8ft fixture,							11531	
	R08L = 8ft fixture,								
	R08M = 8ft fixture,								
	R09G = 9ft fixture, R09L = 9ft fixture,								
	R09M = 9ft fixture,								
	Based on 3000K/80+	ORI. S	See we	bsi	ite for sca	aled per	rforman	ce table	

Note: Other drive currents are available, consult factory

4 Mounting

S = Sidearms with mounting tabs

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and driver enclosure; stainless steel luminaire hardware



Project: Western Provincial State Offices

6 Voltage/Driver

Electronic Driver Electronic Dimming Driver*

= 120-277V M = 120-277V3 = 347VK = 347V

*Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

7 Option (See Accessories Section for specifications)

00 = No options

0K = Modular through-wire harness with quick connectors

8 Destination Requirement

- 0 = UL listed or CSA certified for U.S.
- J = UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80+ CRI

30 = 3000K, 80+ CRI

35 = 3500K, 80 + CRI

40 = 4000K, 80+ CRI

Note: Additional CCT and CRI options are available; consult factory.

10 Dimming**

00 = Non-dimming

- TE = LighTech line voltage dimming 100-10% power (trailing edge, reverse phase, ELV dimming controls by others)
- ZX = 0-10V analog dimming 120-277V input, dimming range 100%-5%, 0-10V controls by others
- L3 = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)
- LH = Lutron A-Series 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming (controls by others)
- EL = eldoLED SOLOdrive 120-277V input, 0-10V analog gamma corrected dimming 100%-0.1% power (controls by others)
- ED = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, DALI controls by others

**Dimming range refers to % power input, % light output will vary. Refer to Driver Information document MA-1303

Note: Number of drivers varies with number of LEDs, drive current and driver type.

elliptipar from The Lighting Quotient

114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelighting quotient.com

Type: AL1

Adjustable Mounting Feet

The optical assembly is adjustable and lockable, in addition, the S315 is provided with mounting feet that can raise the optical assembly to achieve lower aiming angles.

MAX. CP @ 15°



10° SIGHTLINE MAX CP @ 5°

Standard (low) position allows peak candlepower to be aimed as low as 15° above horizontal.

Style \$315





3ft/108 LEDs @ 700mA. 862 lm/ft (3000K/80+CRI) shown >



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Website



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S315

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Indoor high perfomance, smaller profile LED linear cove, integral driver

Data Sheet ITL Files

BIM File

Product Fact Sheets

IES Files

Installation Files

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S31x – Performance

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The Lighting Quotient Catalog Number \$315-R03M-S-00-8-00-0-30-00

Electrical Test Conditions							
	Voltage						
25.1 °C	120.0 VAC	0.3405 A	40.76 W	0.997	60 Hz	5.87 %	

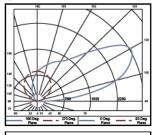
Summary of Results					
Total Lumen Output	4942 Lumens				
Luminaire Efficacy	121.3 lm/w				
Maximum Candela	3020 Candela				
CCT	3075 K				
CRI	82.5				
Duv	-0.0009				
TM-30 Rf	82.3				
TM-30 Rg	95.0				

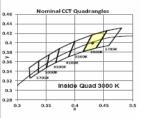
Zonal Lumen Summary					
Zone	Lumens	% Luminair			
0-30	3	0.1%			
0-40	6	0.1%			
0-60	22	0.5%			
0-90	100	2.1%			
40-90	94	2.0%			
60-90	78	1.6%			
90-180	4644	97.9%			
0-180	4744	100.0%			

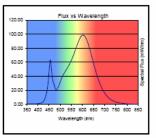
Spacing	Criteria
0-180	0.53
90-270	4.82

Average Luminance cd/m²		
Vertical Angle	Horizontal Angle 0°	
0	37	
45	0	
55	0	
65	0	
75	0	
85	1666	

Cone of Light Tabulation			
Mounting Height (Ft)	at Nadir	Dlameter (Ft)	
4.00 /	0.308	9.66	
6.00	0.137	14.5	
8.00	0.0770	/19.3	
1,07.0	0.0493	24,2	
/12.0	0.0342	29.0	
/ 14.0	0.0252	33.8	
16.0	0.0193	38.6	







intensity (candiepower) summary		
Angle	Mean CP	Lumens
0	5	
5	5	0
10	5	
15	4	1
20	3	
25	3	1
30	3	
35	5	3
40	7	
45	8	7
50	9	
55	11	10
60	12	
65	13	13
70	13	
75	11	12
80	9	
85	36	54
90	163	

Your Logo Here

Intensity (Candlepower) Summary

Color Rendering Index Details	
Ra (CRI)	82.5
R1	81.1
R2	91.7
R3	95.7
R4	79.2
R5	81
R6	89.2
R7	82.5
R8	59.7
R9	9.4
R10	80.4
R11	77.6
R12	69.3
R13	83.8
R14	98.4

Chromaticity Coor	
Chromaticity (x)	0.4303
Chromaticity (y)	0.3995
Chromaticity (u)	0.2483
Chromaticity (v)	0.3457
Chromaticity (u')	0.2483
Chromaticity (v')	0.5186
Duv	-0.0009

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #1265418

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The Lighting Quotient Catalog Number S315-R03M-S-00-8-00-0-30-00

		Electric	al Test Con	ditions		
	Voltage					
25.1 °C	120.0 VAC	0.3405 A	40.76 W	0.997	60 Hz	5.87 %

23.1 0 120.	18 U.34U5 A 4U.76 W	0.997 00 HZ 5	1.87 %	_
Summar Total Lumen Outpi Luminaire Efficac Maximum Candel	Summary	of Results	3	Summary
	nen Output	4942 L	umens	1
TM-30 Rg Luminai	re Efficacy	121.3	lm/w	1
Zonal Lun Maximur	m Candela	3020 C	andela	7
0-30 C	CT	307	′5 K	10
0-80 0-90 40-90	CRI	82	2.5	13
	Ouv	-0.0	009	54
Spacir TM-	-30 Rf	82	2.3	
0-180 TM-	30 Rg	95		82.5 81.1
Average Luminance cd/m² Vertical Angle Horizontal Angle 0° 0 37 45 0 66 0 65 0 75 0	0.32 S700K Inside 0.3 0.35 0.4 120.00 Flux vs W	0.45 0.5 avelength	R2 R3 R4 R5 R6 R7 R8 R9 R10	91.7 95.7 79.2 81 89.2 82.5 59.7 9.4 80.4 77.8
Cone of Light Tabulation	100.00 80.00 60.00 40.00	Specified Flux (htM/hm)	R112 R13 R14 Chromaticity Coo Chromaticity (x) Chromaticity (y) Chromaticity (u) Chromaticity (u)	69.3 83.8 98.4
12.0 0.0342 29.8 14.0 0.0252 33.8 16.0 0.0193 38.6	350 400 450 500 550 60 Wavelength		Chromaticity (v') Chromaticity (v') Duv	0.2483 0.5186 -0.0009

Testing was performed in accordance with LM-79-08 The results contained in this summary pertain only to report #1265418

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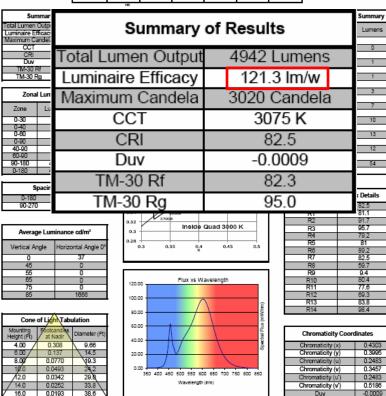


The Lighting Quotient

Your Logo Here

Catalog Number S315-R03M-S-00-8-00-0-30-00

		Electric	al Test Cor	ditions		
	Voltage					
25.1 °C	120.0 VAC	0.3405 A	40.76 W	0.997	60 Hz	5.87 %



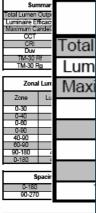
Testing was performed in accordance with LM-79-08 The results contained in this summary pertain only to report #1265418

nance

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Average Lun	ninance cd/m²
Vertical Angle	Horizontal Ang
0	37
45	0
55	0
65	0
75	0
85	1666

Cone	of Light Tabu	lation
Mounting Height (Ft)	Footcandias at Nadir	Diamete
4.00 /	0.308	9.66
6.00	0.137	14.8
8.00	0.0770	/19.3
1,07.0	0.0493	24,2
/12.0	0.0342	29.0
/ 14.0	0.0252	33.8
16.0	0.0193	38.6







Photometric Test Report

Relevant Standards IES LM-79-2008 ANSI C78.377-2011, ANSI C82.77-2002 CIE 13.3-1995, CIE 15-2004, IES TM-30-15, UL 1598-2008

Prepared For The Lighting Quotient

Paul Ford 114 Boston Post Road West Haven, CT 08518 United States

Catalog Number \$315-R03M-\$-00-8-00-0-30-00 Order Number

Order Number 11356368 Test Number 1265418

Test Date

2016-07-13 - 2016-07-15

Prepared By

Approv

Javier Caban, Technician

Timothy Wagner, Project Handler

The results contained in this report pertain only to the tested sample.

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NVLAP, NIST, or any agency of the Federal Government.

Test Number 1265418 - Page 1 of 9

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Sun	nmar	
Total Lumen	Outo	
Luminaire Ef	ficac	
Maximum Ca	indeli	
CCT		
CRI		Total
Duv		TOtal
TM-30 F		
TM-30 F	g	Lum
Zonal	Lun	Maxi
_		IVICIA
Zone	Lu	
0-30	_	
0-40		
0-60		
0-90		
40-90		
40-90 60-90		
40-90 60-90 90-180		
40-90 60-90	4	
40-90 60-90 90-180	4	
40-90 60-90 90-180 0-180	pacir	
40-90 60-90 90-180 0-180 S ₁		
40-90 60-90 90-180 0-180		

Average Luminance cd/m²			
Vertical Angle	Horizontal Ang		
0	37		
45	0		
55	0		
65	0		
75	0		
85	1666		

Cone	Cone of Light Tabulation					
Mounting Height (Ft)	Footcandias at Nadir	Diamet				
4.00 /	0.308	9.6				
6.00	0.137	14.				
8.00	0.0770	/19				
1,07.0	0.0493	24				
/12.0	0.0342	29.				
/ 14.0	0.0252	33.				
16.0	0.0193	38.				



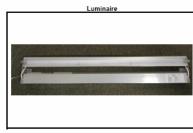
Luminaire Description: Formed Aluminum Housing and Driver Channel, Semi Specular Inner Reflector,

linear prismatic frosted plastic lens Semi Specular Outer Reflector

Lamp: 108 White LEDs Mounting: Surface

Ballast/Driver: Everline D10CC55UNVTW-C

Integrating Sphere



Luminaire Characteristics Luminous Length: 5.75 in. Luminous Width: 38.00 in. Luminous Height: 2.63 in.

Summary of Results

Luminous Flux:	4942 Lumens	Total Luminaire Output:	4744 Lumens
Efficacy:	121.3 lm/w	Luminaire Efficacy:	116.4 lm/w
CCT:	3075 K	Maximum Candela:	3020 Candela
CRI (Ra):	82.5		
Electrical Data	at 277 VAC	In-Situ	
Test Temperature:	24.8 °C	LED Temperature:	46.1 °C
Voltage:	277.0 VAC	Driver Temperature:	39.3 °C
Current:	0.1515 A	Measured LED Current:	0.1163 A
Power:	40.88 W		
Power Factor:	0.974		
Frequency:	60 Hz	Temperature is offset to an an	nbient temperature of
Current THD:	7.74 %	25°C as described in U	

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Test Number 1265418 - Page 3 of 9

Distribution



Total

Max

Summa

Total Lumen Outo Luminaire Efficac Maximum Candel CCT CRI

> TM-30 Rg Zonal Lur

Zone

0-30

0-40

0-90 40-90 60-90 90-180

0-180

Spacii





Luminaire Description

Lamp: Mounting: Ballast/Driver:



Integr Luminous Flux: Efficacy: CCT: CRI (Ra):

Electrical Test Temperatu Voltage: Current: Power: Power Factor: Frequency: Current THD:

Vertical Angle 45 55 65

Average Luminance cd/m²





Javier Ca



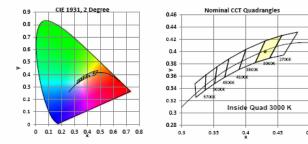
Color Quality - Integrating Sphere

Integrating Sphere Test Conditions

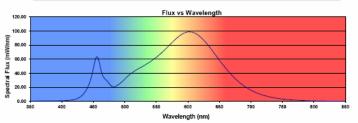
Temperature						
24.8 °C	120.0 VAC	0.3403 A	40.73 W	0.998	60 Hz	5.92 %

Summary of Results

Total Output:	4942 Lumens	Chromaticity (x):	0.4303
Efficacy:	121.3 lm/w	Chromaticity (y):	0.3995
CCT:	3075 K	Chromaticity (u'):	0.2483
CRI (Ra):	82.5	Chromaticity (v'):	0.5186
CRI (R9):	9.4	TM-30 R _f :	82.3
Peak Wavelength:	602 nm	TM-30 R _g :	95.0
Dominant Wavelength:	582.8 nm	Duv:	-0.0009
S/P Ratio:	1.385		



Color Rendering Index Detail														
Ra (CRI)														
82.5	81.1	91.7	95.7	79.2	81.0	89.2	82.5	59.7	9.4	80.4	77.6	69.3	83.8	98.4



Test Number 1265418 - Page 4 of 9

SOLVING FOR LIGHT

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Temperatur

Total Outpu

Efficacy:

CRI (Ra): CRI (R9):

Peak Wavele Dominant W S/P Ratio:

CCT:

0.9

8.0

0.7 0.6 0.5

0.4

0.3 0.2 0.1 0 0.1

24.8 °C



Lamp: Mounting: Ballast/Driver:



Distribution - Goniophotometer

Distribution Test Conditions						
Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.1 °C	120.0 VAC	0.3405 A	40.76 W	0.997	60 Hz	5.87 %

Spacing Criteria 0-180: 0.53 90-270: 4.82

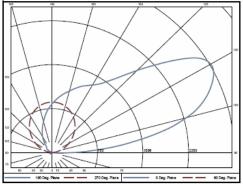
Summary of Results Total Lumen Output: Luminaire Efficacy: Maximum Candela:

4744 Lumens 116.4 lm/w 3020 Candela

R LIGHT

G QUOTIENT

Polar Plot



			Zon	al Lumen S	ummary			
Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire	Zone	Lumens	% of Luminaire
0-5	0.1	0.0%	60-65	5.9	0.1%	120-125	417.0	8.8%
5-10	0.3	0.0%	65-70	6.6	0.1%	125-130	361.7	7.6%
10-15	0.5	0.0%	70-75	6.5	0.1%	130-135	310.5	6.5%
15-20	0.6	0.0%	75-80	5.4	0.1%	135-140	271.0	5.7%
20-25	0.6	0.0%	80-85	11.3	0.2%	140-145	241.9	5.1%
25-30	0.7	0.0%	85-90	42.3	0.9%	145-150	217.5	4.6%
30-35	1.2	0.0%	90-95	152.8	3.2%	150-155	192.6	4.1%
35-40	2.1	0.0%	95-100	266.9	5.6%	155-160	164.2	3.5%
40-45	2.9	0.1%	100-105	372.2	7.8%	160-165	132.1	2.8%
45-50	3.6	0.1%	105-110	442.6	9.3%	165-170	97.2	2.0%
50-55	4.4	0.1%	110-115	467.2	9.8%	170-175	59.6	1.3%
55-60	5.1	0.1%	115-120	456.5	9.6%	175-180	20.1	0.4%

	Zone	Lumens	% of Luminain
- 1	0-40	6	0.1%
	0-60	22	0.5%
	0-90	100	2.1%
	90-180	4644	97.9%

Summai Total Lumen Outo Luminaire Efficac Maximum Candel CCT CRI TM-30 Rg Zonal Lun Max Zone 0-30 0-40 0-90 40-90 60-90 90-180 0-180 Spacii

Average Luminance cd/m³			
Vertical Angle	Horizontal An		
0	37		
45	0		
55	0		
65	0		
75	0		
85	1666		

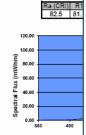
Cone	Cone of Light Tabulation				
Mounting Height (Ft)	Footcandias at Nadir	Diamete			
4.00 /	0.308	9.6			
6.00	0.137	14.			
8.00	0.0770	/19.			
1,0'.0	0.0493	24,			
/12.0	0.0342	29.			
/ 14.0	0.0252	33.			
7 16.0	0.0193	38			

Integr Luminous Flux: Efficacy: CCT: CRI (Ra):

Electrical Test Temperatu Voltage: Current: Power: Power Factor: Frequency: Current THD:



Javier Ca





Test Number 1265418 - Page 5 of 9



Summai

Total Lumen Outo

Luminaire Efficac

Maximum Candel

CCT CRI

TM-30 Rg

Zone 0-30

0-40

0-90

40-90 60-90 90-180

0-180

Vertical Angle

55 65

Height (Ft)

6.00 /

8.00

/12.0

14.0

16.0

4.00 /

Spacii

Average Luminance cd/m²

Cone of Light Tabulation

at Nadir

0.308

0.137

0.0770 0.0493 0.0342

0.0252

0.0193

37

1666

29.0

Zonal Lun

Max







Integr

Electrical

Test Temperatu

Power Factor:

Frequency: Current THD:

Luminous Flux:

Efficacy: CCT:

CRI (Ra):

Voltage: Current:

Power:

Luminaire Description

Lamp: Mounting: Ballast/Driver:



Temperatur

Total Outpu

Efficacy:

CRI (Ra): CRI (R9):

Peak Wavele Dominant W S/P Ratio:

CCT:

0.9

8.0

0.7

0.6 0.5

0.4

0.3 0.2 0.1

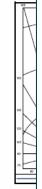
0 0.1

Ra (CRI) R1 82.5 81.

24.8 °C



Temperature 25.1 °C



Zone	Lumens
0-5	0.1
5-10	0.3
10-15	0.5
15-20	0.6
20-25	0.6
25-30	0.7
30-35	1.2
35-40	2.1
40-45	2.9
45-50	3.6
50-55	4.4
55-60	5.1

Candela Tabulation Horizontal Angle (Degrees)

		0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	5	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4	4
	10	4	4	4	4	5	5	6	6	5	6	6	5	5	4	4	4
	15	3	3	3	3	4	4	5	6	6	6	5	4	4	3	3	3
	20	2	2	2	2	3	4	5	5	6	5	5	4	3	2	2	2
	25	1	1	1	1	2	3	4	5	5	5	4	3	2	1	1	1
	30	1	1	1	1	2	3	4	7	12	7	4	3	2	1	1	1
	35	0	0	0	0	1	3	5	20	26	20	5	3	- 1	0	0	0
	40	0	0	0	0	1	3	12	27	29	27	12	3	1	0	0	0
	45	0	0	0	0	1	2	20	28	32	28	20	2	- 1	0	0	0
	50	0	0	0	0	1	4	23	31	35	31	23	4	- 1	0	0	0
	55	0	0	0	0	1	8	25	33	37	33	25	8	1	0	0	0
	60	0	0	0	0	0	10	26	36	40	36	26	10	0	0	0	0
·	65	0	0	0	0	0	14	28	38	43	38	28	14	0	0	0	0
Vertical Angle (Degrees)	70	0	0	0	0	0	15	30	40	42	40	30	15	0	0	0	0
ğ	75	0	1	1	0	0	15	28	30	29	30	28	15	0	0	1	1
6	80	0	3	5	1	0	15	19	19	20	19	19	15	0	1	5	3
<u>e</u>	85	121	114	65	10	1	9	12	14	15	14	12	9	- 1	10	65	114
š	80	362	408	446	238	4	4	7	10	- 11	10	7	4	4	238	446	408
=	95	961	1032	1019	507	37	2	4	- 6	7	- 6	4	2	37	507	1019	1032
ξ	100	1664	1699	1520	630	80	16	2	3	4	3	2	16	80	630	1520	1699
Š	105	2286	2307	1933	697	134	43	16	1	1	1	16	43	134	697	1933	2307
_	110	2683	2700	2077	717	193	67	39	24	20	24	39	67	193	717	2077	2700
	115	2922	2894	1968	720	254	89	65	46	43	46	65	89	254	720	1968	2894
	120	3017	2815	1737	726	317	128	90	71	68	71	90	128	317	726	1737	2815
	125	2813	2477	1515	741	383	179	101	100	97	100	101	179	383	741	1515	2477
	130	2377	2081	1342	767	450	238	127	114	119	114	127	238	450	767	1342	2081
	135	1982	1753	1229	799	517	303	181	125	123	125	181	303	517	799	1229	1753
	140	1658	1508	1171	832	581	369	243	176	162	176	243	369	581	832	1171	1508
	145	1447	1361	1140	862	642	439	310	243	228	243	310	439	642	862	1140	1361
	150	1332	1283	1111	889	698	509	379	314	301	314	379	509	698	889	1111	1283
	155	1255	1218	1077	909	747	578	452	387	375	387	452	578	747	909	1077	1218
	160	1173	1142	1042	918	787	646	530	465	454	465	530	646	787	918	1042	1142
	165	1084	1065	1003	916	819	707	612	552	540	552	612	707	819	916	1003	1065
	170	1006	993	956	903	842	760	694	649	640	649	694	760	842	903	956	993
	175	921	915	900	880	855	806	768	744	741	744	768	806	855	880	900	915
	180	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840	840

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	120.00 -		
_	100.00 -		
Spectral Flux (mW/nm)	80.00 -		
) Xal	60.00 -		
22.00	40.00 -		
Spec	20.00 -		
	0.00 - 38	0	400

Horizontal Angle (Degrees) 0 10 1666 1053 40

Average Luminance (cd/m²)

Test Number 1265418 - Page 6 of 9





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LM80 Data

Data Set 2:55 °C, 150 mA

Actual Case Temperature [T _s]	56.4 °C
Actual Ambient Temperature [Ta]	55.1 °C
Drive Current [I _F]	150 mA
Measurement Current	150 mA

NOTES:

Ts and TA were measured during initial setup.



TABLE 2-2 Lumen Maintenance

LED No.					Lum	en Mainte	enance %	Normaliz	ed to 100	% at 0 ho	urs)			
140.	0 h	500 h	1000 h	2000 h	3000 h	4000 h	5000 h	6000 h	7000 h	8000 h	9000 h	10000 h		
1	100.0	99.5	99.4	99.2	99.4	99.3	98.8	98.6	98.6	98.1	97.7	97.5		
2	100.0	99.6	99.6	99.3	99.5	99.4	98.9	98.7	98.7	98.3	98.0	97.9		
3	100.0	99.6	99.5	99.2	99.4	99.5	98.9	98.8	98.9	98.4	98.0	97.9		
4	100.0	99.5	99.5	99.1	99.3	99.4	98.9	98.7	98.7	98.3	97.9	97.7		
5	100.0	99.7	99.6	99.3	99.6	99.5	99.0	98.9	98.8	98.3	98.1	97.8		
6	100.0	99.6	99.6	99.2	99.5	99.5	98.8	98.6	98.5	98.0	97.6	97.4		
7	100.0	99.6	99.6	99.3	99.6	99.5	98.8	98.7	98.4	98.0	97.5	97.3		
8	100.0	99.4	99.3	99.0	99.2	99.1	98.6	98.5	98.5	98.0	97.6	97.4		
9	100.0	99.7	99.6	99.4	99.6	99.6	99.0	98.8	98.8	98.3	98.0	97.8		
10	100.0	99.8	99.7	99.4	99.4	99.4	98.9	98.7	98.6	98.3	97.9	97.8		
11	100.0	99.6	99.4	99.2	99.3	99.3	98.8	98.6	98.6	98.2	97.8	97.8		
12	100.0	99.6	99.5	99.2	99.4	99.3	98.9	98.7	98.7	98.3	98.0	97.9		
13	100.0	99.4	99.3	99.1	99.2	99.1	98.7	98.6	98.6	98.2	97.7	97.7		
14	100.0	99.7	99.5	99.4	99.4	99.4	98.9	98.8	98.8	98.4	98.0	97.9		
15	100.0	99.7	99.5	99.3	99.4	99.4	98.8	98.7	98.7	98.3	97.8	97.7		
16	100.0	99.8	99.7	99.4	99.6	99.4	99.0	98.8	98.6	98.2	97.7	97.4		
17	100.0	99.7	99.5	99.2	99.5	99.1	98.7	98.6	98.2	97.8	97.4	97.1		
18	100.0	99.7	99.6	99.3	99.4	99.3	98.9	98.8	98.6	98.3	97.9	97.8		
19	100.0	99.7	99.6	99.5	99.5	99.4	99.0	98.8	98.8	98.4	98.0	98.0		
20	100.0	99.6	99.5	99.3	99.5	99.4	98.9	98.8	98.6	98.3	98.0	97.8		
21	100.0	99.7	99.6	99.4	99.5	99.5	99.0	98.9	98.8	98.3	98.0	97.8		
22	100.0	100.1	100.0	99.7	99.8	99.7	99.2	99.1	99.1	98.7	98.4	98.1		
23	100.0	99.5	99.4	99.3	99.4	99.4	98.9	98.9	98.8	98.3	98.0	97.8		
24	100.0	99.8	99.7	99.5	99.6	99.6	99.2	99.0	99.0	98.6	98.1	98.0		
25	100.0	99.6	99.6	99.3	99.5	99.4	99.0	98.8	98.7	98.3	97.9	97.8		
n	25	25	25	25	25	25	25	25	25	25	25	25		
Avg.	100.0	99.6	99.5	99.3	99.5	99.4	98.9	98.8	98.7	98.3	97.9	97.7		
Med.	100.0	99.6	99.6	99.3	99.5	99.4	98.9	98.8	98.7	98.3	97.9	97.8		
σ	0.00	0.15	0.14	0.15	0.14	0.14	0.13	0.14	0.18	0.19	0.22	0.24		
Min.	100.0	99.4	99.3	99.0	99.2	99.1	98.6	98.5	98.2	97.8	97.4	97.1		
Max.	100.0	100.1	100.0	99.7	99.8	99.7	99.2	99.1	99.1	98.7	98.4	98.1		

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LM80 Data

Data Set 2:55 °C, 150 mA

Actual Case Temperature [T _s]	56.4 °C
Actual Ambient Temperature [Ta]	55.1 °C
Drive Current [I _F]	150 mA
Measurement Current	150 mA

NOTES:

Ts and Ta were measured during initial setup.

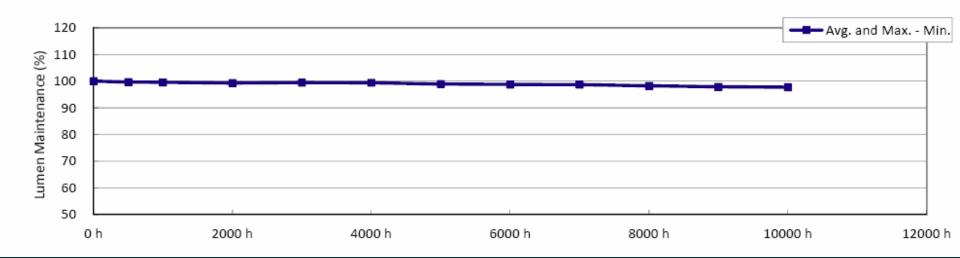


Data Set 2 : 55 °C, 150 mA

Actual Case Temperature [T _s]	56.4 °C
Actual Ambient Temperature [T _A]	55.1 °C
Drive Current [I _F]	150 mA
Measurement Current	150 mA

NOTES:

 T_S and T_A were measured during initial setup.



LM80 Data

Data Set 2:55 °C, 150 mA

Actual Case Temperature [T _s]	56.4 °C
Actual Ambient Temperature [T _A]	55.1 °C
Drive Current [I _F]	150 mA
Measurement Current	150 mA

NOTES:

Ts and Ta were measured during initial setup.

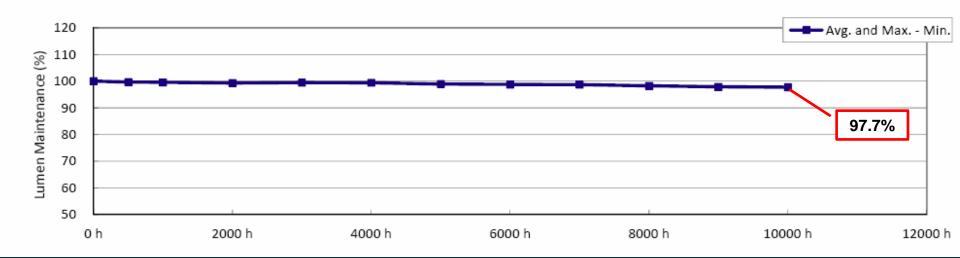


Data Set 2 : 55 °C, 150 mA

Actual Case Temperature [T _s]	56.4 °C
Actual Ambient Temperature [T _A]	55.1 °C
Drive Current [I _F]	150 mA
Measurement Current	150 mA

NOTES:

 T_S and T_A were measured during initial setup.



ISTMT In-Situ Temperature Measurement Test

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ISTMT



In-Situ Test

In-Situ Test Conditions

emperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
22.6 °C	120.0 VAC	N/A	N/A	N/A	60 Hz	N/A

Summary of Results

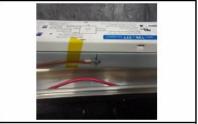
LED Temperature: 46.1 °C
Driver Temperature: 39.3 °C
Measured LED Current: 0.1163 A

Temperatures are offset to an ambient temperature of 25°C as described in UL1598-2008

LED Temperature Location



Driver Temperature Location



Test Number 1265418 - Page 9 of 9

surement Test

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ISTMT



In-Situ Test

In-Situ Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
22.6 °C	120.0 VAC	N/A	N/A	N/A	60 Hz	N/A

Summary of Results

LED Temperature: 46.1 °C

Driver Temperature: 39.3 °C

Measured LED Current: 0.1163 A



Driver Temperature Location



surement Test

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ISTMT



In-Situ Test

In-Situ Test Conditions

Temperature	Voltage	Current	Power	Power Factor	Frequency	Current THD
22.6 °C	120.0 VAC	N/A	N/A	N/A	60 Hz	N/A

Summary of Results

LED Temperature:

46.1 °C

Driver Temperature:

39.3 °C

Measured LED Current: 0.1163 A



Driver Temperature Location



Test Number 1265418 - Page 9 of 9

surement Test

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THE LIGHTING QUOTIENT

TM-21



TM-21 Inputs

Instructions

Yellow fields are completed by the user. Fields not used should be left blank. Cyan fields are calculated based on user entries.

First, enter a description of the LED light source tested. Then complete the fields labeled "LM-80 Testing Details". Test duration must be at least 6,000 hours. If only one case temperature data set is to be used (no interpolation), complete only "Tested case temperature 1". For only two case temperature data sets, complete 1 and 2.

Next, further to the right, in the corresponding box(es) for each tested case temperature, enter the test data along with the time (in hours) at which each measurement was taken. Data entered must be normalized then averaged measured data (per TM-21 sections 5.2.1 and 5.2.2).

Enter drive current, in-situ temperature data and the percentage of initial lumens to project to in the fields labeled "In-Situ" Inputs".

Results can be tailored to estimate lumen maintenance at a specific time by entering a value (t) in the yellow field.

A complete TM-21 report will appear on the next tab labeled "Report".

LM-80 Test Inputs

Description of LED Light Source Tested
(manufacturer, model, catalog number)
elliptipar S315-R03M-S-00-8-00-0-30-00, ISTMT Test No.
SQETMP098101 by UL Verification Services Nichia MID-POWER
#NFSL757G-V1 LM80 Test number SQETMP098101

LM-80 Testing Details			
Total number of units tested per case temperature	25		
Number of failures:	0		
Number of units measured:	25		
Test duration (hours):	10000		
Tested drive current (mA):	150		
Tested case temperature 1 (T _c , °C):	55		
Tested case temperature 2 (T _c , °C):	85		
Tested case temperature 3 (T _c , °C):	105		

LIM-80 Test Inputs					
	ata for 55°C Case Temperature	Test Data for 85°C Case Temperature		Test Data for 105°C Case Temperature	
Time (hours)	Lumen Maintenance (%)	Time (hours)	Lumen Maintenance (%)	Time (hours)	Lumen Maintenance (%)
0	100.00%	0	100.00%	0	100.00%
500	99.60%	500	99.40%	500	99.00%
1000	99.50%	1000	99.20%	1000	98.70%
2000	99.30%	2000	98.80%	2000	97.80%
3000	99.50%	3000	98.70%	3000	97.60%
4000	99.40%	4000	98.60%	4000	97.10%
5000	98.90%	5000	98.10%	5000	96.20%
6000	98.80%	6000	97.90%	6000	95.30%
7000	98.70%	7000	97.70%	7000	94.40%
8000	98.30%	8000	97.30%	8000	93.60%
9000	97.90%	9000	96.80%	9000	92.60%
10000	97.70%	10000	96.50%	10000	91.90%

In-Situ Inputs

Drive current for each LED package/array/module (mA):	117
In-situ case temperature (Tc, °C):	46.1
Percentage of initial lumens to project to (e.g. for L ₇₀ , enter 70):	85.6

Results

Time (t) at which to estimate lumen maintenance (hours):	50,000
Lumen maintenance at time (t) (%):	87.92%
Calculated L85.6 (hours):	60,000
Reported L85.6 (hours):	>60000

LM-80 Test Inputs

In-Situ Inputs

Drive current for each LED package/array/module (mA):	117
<i>In-situ</i> case temperature (T _c , ^o C):	46.1
Percentage of initial lumens to project to (e.g. for L ₇₀ , enter 70):	70

Results

Time (t) at which to estimate lumen maintenance (hours):	60,000
Lumen maintenance at time (t) (%):	85.63%
Calculated L70 (hours):	136,000
Reported L70 (hours):	>60000

A complete TM-21 report will appear on the next tab labeled "Report".

Time (t) at which to estimate lumen maintenance (hours):	50,000
Lumen maintenance at time (t) (%):	87.92%
Calculated L85.6 (hours):	60,000
Reported L85.6 (hours):	>60000

	Test Data for 85°C Case Temperature		Test Data for 105°C Case Temperature		
	Time (hours)	Lumen Maintenance (%)	Time (hours)	Lumen Maintenance (%)	
	0 500	100.00% 99.40%	0 500	100.00% 99.00%	
-	1000 2000	99.20% 98.80%	1000 2000	98.70% 97.80%	
	3000 4000	98.70% 98.60%	3000 4000	97.60% 97.10%	
	5000 6000	98.10% 97.90%	5000 6000	96.20% 95.30%	
	7000 8000	97.70% 97.30%	7000	94.40%	
_	9000	96.80%	9000	92.60%	
	10000	96.50%	10000	91.90%	
-					
_					

TM-21



TM-21 Inputs

LM-80 Test Inputs

In-Situ Inputs

Drive current for each LED package/array/module (mA):	117
In-situ case temperature (T _c , ⁰ C):	46.1
Percentage of initial lumens to project to (e.g. for L ₇₀ , enter 70):	70

Lumen Maintenance Time Lumen Maintenance (hours) (%) (hours) (%) 100.00% 100.00% 99.40% 500 99.00% 99.20% 1000 1000 98.70% 98.80% 2000 2000 97.80% 3000 98.70% 3000 97.60% 98.60% 4000 97.10% 5000 96.20% 5000 98.10% 97.90% 6000 95.30% 6000 7000 97.70% 7000 94.40% 8000 97.30% 8000 93.60% 96.80% 9000 92.60% 9000 10000 96.50% 10000 91.90%

Test Data for 105°C Case

Test Data for 85°C Case

Results

Time (t) at which to estimate lumen maintenance (hours):	60,000
Lumen maintenance at time (t) (%):	85.63%
Calculated L70 (hours):	136,000
Reported L70 (hours):	>60000

A complete TM-21 report will appear on the next tab labeled "Report".

Time (t) at which to estimate lumen maintenance (hours):	50,000
Lumen maintenance at time (t) (%):	87.92%
Calculated L85.6 (hours):	60,000
Reported L85.6 (hours):	>60000

TM-21



TM-21 Inputs

LM-80 Test Inputs

In-Situ Inputs

Drive current for each
LED package/array/module (mA):

In-situ case temperature (T_c, °C):

Percentage of initial lumens to project to (e.g. for L₇₀, enter 70):

		ata for 85°C Case Femperature	Test Data for 105°C Case Temperature			
ce	Time (hours)	Lumen Maintenance (%)	Time (hours)	Lumen Maintenance (%)		
	0	100.00%	0	100.00%		
	500	99.40%	500	99.00%		
	1000	99.20%	1000	98.70%		
	2000	98.80%	2000	97.80%		
	3000	98.70%	3000	97.60%		
	4000	98.60%	4000	97.10%		
	5000	98.10%	5000	96.20%		
	6000	97.90%	6000	95.30%		
	7000	97.70%	7000	94.40%		
	8000	97.30%	8000	93.60%		
	9000	96.80%	9000	92.60%		
	10000	96.50%	10000	91.90%		

Results

Time (t) at which to estimate lumen maintenance (hours):	60,000	
Lumen maintenance at time (t) (%):	85.63%	
Calculated L70 (hours):	136,000	
Reported L70 (hours):	>60000	

A complete TM-21 report will appear on the next tab labeled "Report".

Time (t) at which to estimate lumen maintenance (hours):	50,000
Lumen maintenance at time (t) (%):	87.92%
Calculated L85.6 (hours):	60,000
Reported L85.6 (hours):	>60000

TM-21



TM-21 Inputs

LM-80 Test Inputs

In-Situ Ir	nputs
------------	-------

On inpute	
Drive current for each LED package/array/module (mA):	117
In-situ case temperature (T _c , ⁰ C):	46.1
Percentage of initial lumens to project to (e.g. for L ₇₀ , enter 70):	85

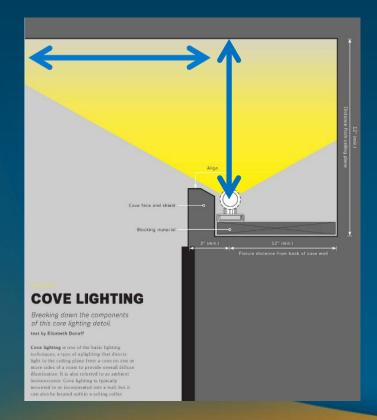
		ata for 65°C Case Femperature	Test Data for 105°C case Temperature			
е	Time (hours)	Lumen Maintenance (%)	Time (hours)	Lumen Maintenance (%)		
	0	100.00%	0	100.00%		
	500	99.40%	500	99.00%		
	1000	99.20%	1000	98.70%		
	2000	98.80%	2000	97.80%		
	3000	98.70%	3000	97.60%		
	4000	98.60%	4000	97.10%		
	5000	98.10%	5000	96.20%		
	6000	97.90%	6000	95.30%		
	7000	97.70%	7000	94.40%		
	8000	97.30%	8000	93.60%		
	9000	96.80%	9000	92.60%		
	10000	96.50%	10000	91.90%		

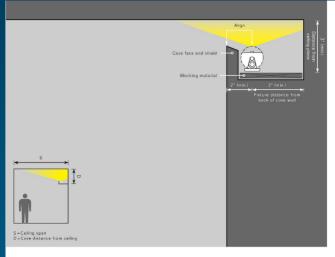
Results

Time (t) at which to estimate lumen maintenance (hours):	60,000	
Lumen maintenance at time (t) (%):	85.63%	
Calculated L85 (hours):	63,000	
Reported L85 (hours):	>60000	

A complete TM-21 report will appear on the next tab labeled "Report".

Time (t) at which to estimate lumen maintenance (hours):	50,000
Lumen maintenance at time (t) (%):	87.92%
Calculated L85.6 (hours):	60,000
Reported L85.6 (hours):	>60000





SOME THINGS TO CONSIDER WHEN SETTING UP A COVE LIGHTING DETAIL:

- 1. De aware of how you are positioning the fixtures. Any joints or gaps between fixtures will show up in the lighty pattern. Socket shadows (dark spots at the end of a lampt can be eliminated by placing fixtures end-to-end, in a staggered or a slanted arrangement. Depending on source selection, make
- sure to use the appropriate spacing between fixtures as well as the positioning from the back wall of the cove.
- The top of the lamp should be level with the cove fascia; if not, it will create shadow lines.

 To prevent sharp cutoff
- lines, stop a cove short of the end wall.

 4. Generally, ceiling surface
- Generally, ceiling surface should be a high-reflectance

matte or satin finish surface. The inside surface of the cove should be flat white. This minimizes specular reflections.

- As a cove nears end wall, maintain a minimum clearance of 12 inches at inside corners to prevent hot spots.
- As the cove's distance from the ceiling plane increases, the uniformity of the ceiling brightness will also increase.

REFERENCES

- J.E. Flynn and S.M. Mills, Architectural Lighting Graphics, Van Noistrand Reinhold, New York, 1962, p. 182–183
- M. David Egan and Victor Olgyay, Architectural Lighting, Second Edition, McGraw Hill, p. 226–227
- Mark Karlen and James Benya, Lighting Design Basics, John Wiley & Sons, 2004, p. 59

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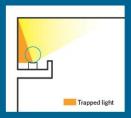
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COVE LIGHTING



Cove lighting by others

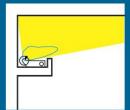
- As much as 50% of light from luminaire is trapped in the cove.
- Trapped light is wasted energy.
- Typical symmetric cove lights do not project light onto the ceiling.
- Bright bands make space feel darker.





elliptipar Cove lighting by The Lighting Quotient

- Over 80% of light from luminaire delivered to the surface.
- Up to 33% less energy.
- High peak candlepower drives across the surface creating a uniform plane of light.
- Better uniformity enhances perceived brightness, creating a more comfortable environment.



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Comparison of Single-Headed 4ft Cove Lights

T8, T5 & T5HO Fluorescent					High-Power LED		Mid-Power LED		
					S301-R04L	S301-R04M	S314-R04G	S314-R04L	S314-R04M
Small	Small	Small	Xtra	Xtra	S305-R04L	S305-R04M	S315-R04G	S315-R04L	S315-R04M
F301	F303	F303	Small	Small	S312-R04L	S312-R04M	S316-R04G	S316-R04L	S316-R04M
F306	F306	F306	F305	F305	350mA	700mA	175mA	350mA	700mA
32W T8	28W T5	54W T5HO	28W T5	54W T5HO	3000K/80+	3000K/80+	3000K/80+	3000K/80+	3000K/80+
1,885	2,175		2,059		1,798		1,869		
delivered	delivered		delivered		delivered		delivered		
lumens	lumens		lumens		lumens		lumens		
(31W)	(31W)		(31W)		(29W)		(14W)		
		3,750		3,550		3,277		3,450	
		delivered		delivered		delivered		delivered	
		lumens		lumens		lumens		lumens	
		(62W)		(62W)		(57W)		(27W)	
									6,589
									delivered
									lumens
									(54W)

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LPD = 1.1 W/SF

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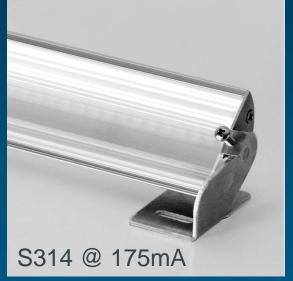


16'-0" x 26'-6" x 9'-0"

15 to 22 fcai @ 3' a.f.f.

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LPD = 0.53 W/SF SOLVING FOR LIGHT

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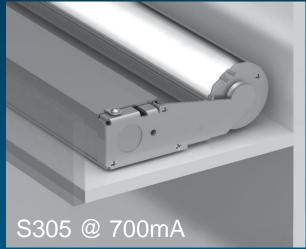


16'-0" x 26'-6" x 9'-0"

15 to 22 fcai @ 3' a.f.f.

www.TheLightingQuotient.com





LPD = 0.60 W/SF

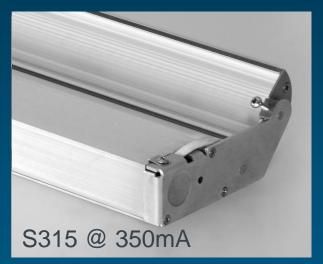
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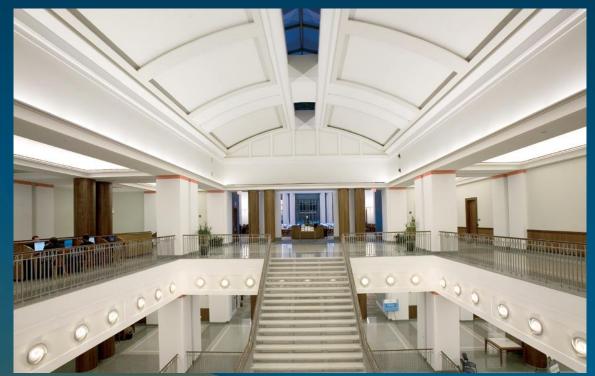




LPD = 0.30 W/SF

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18 to 20 fcai on landings



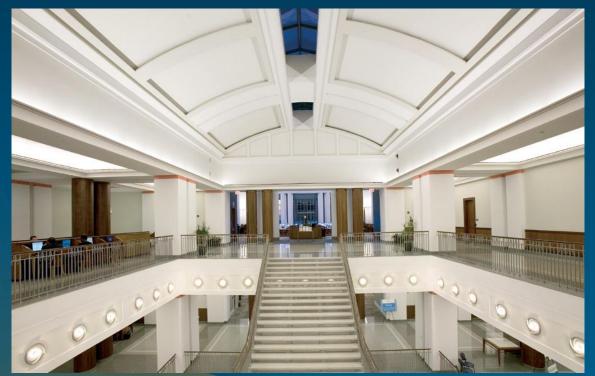
LPD = 1.50 W/SF

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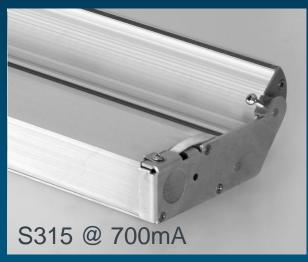


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18 to 20 fcai on landings



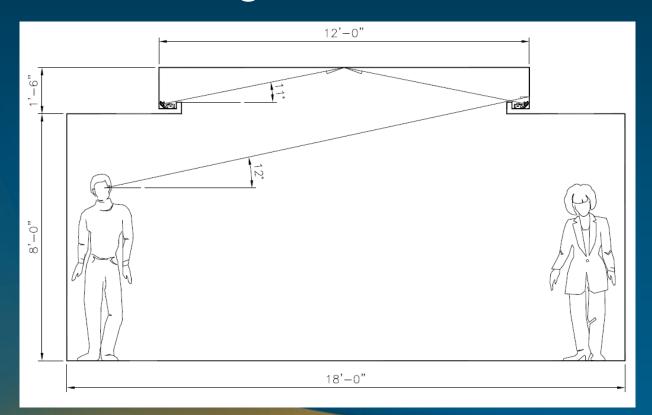
LPD = 0.65 W/SF

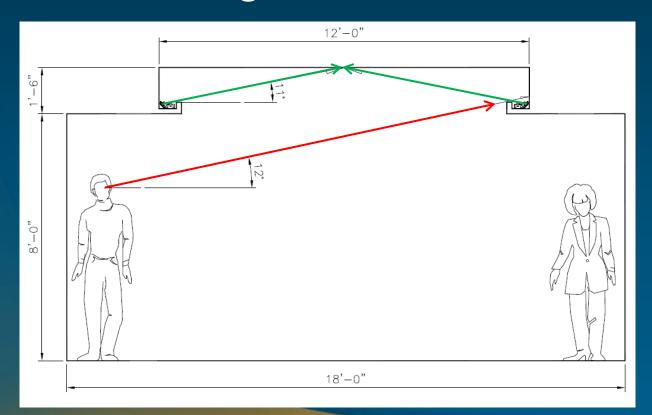
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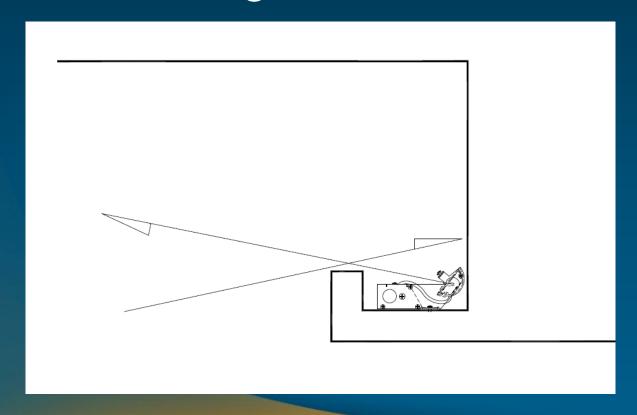
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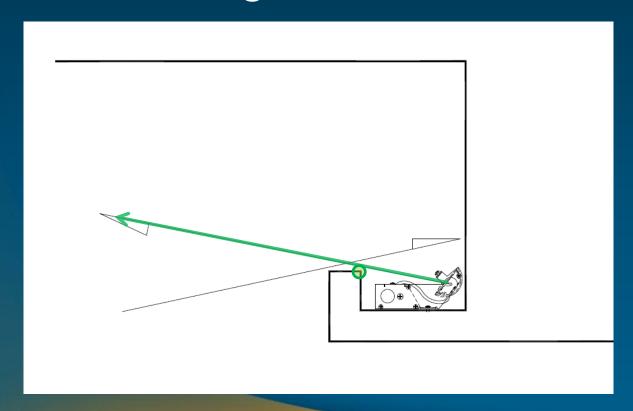


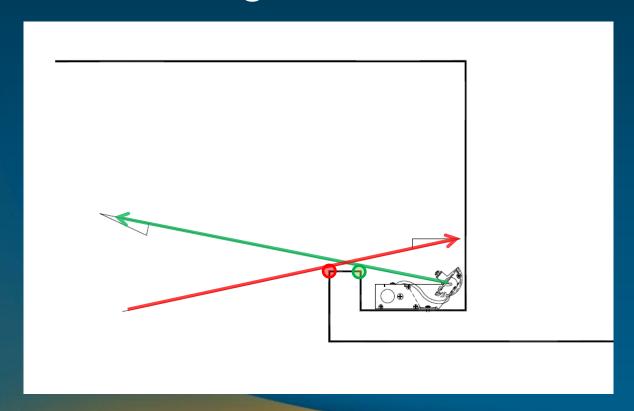
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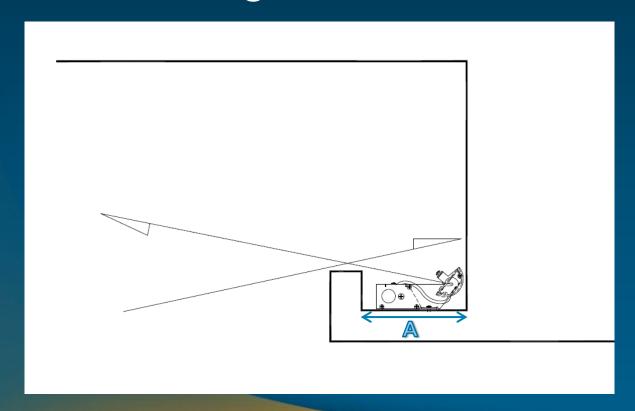


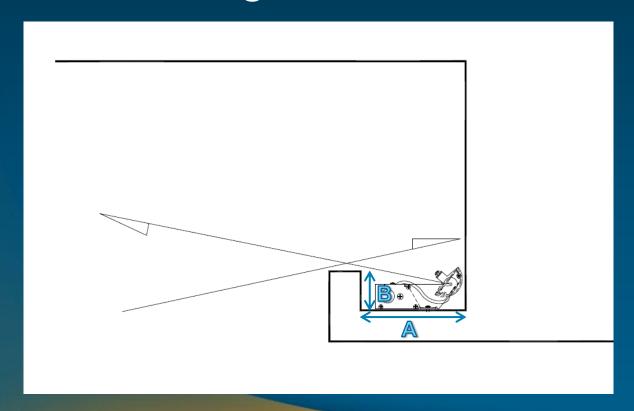




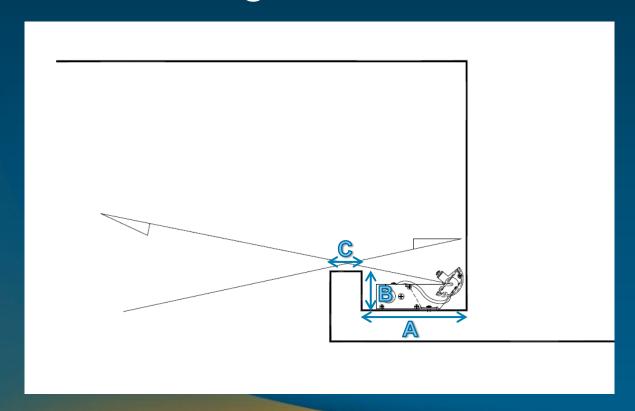




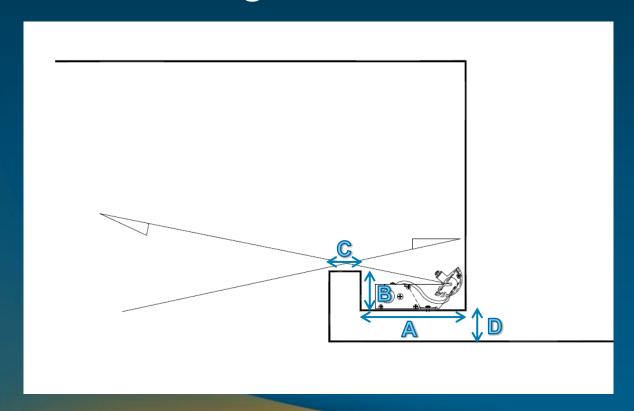




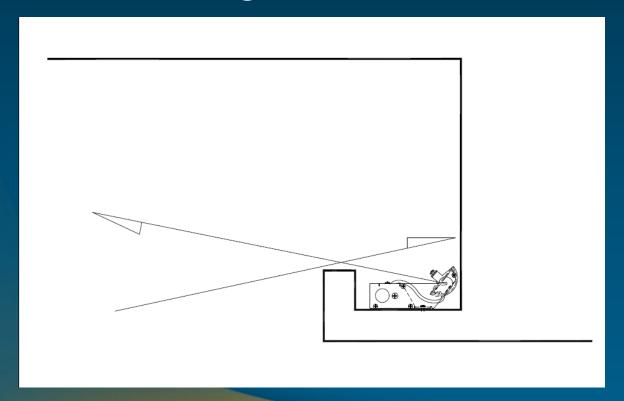
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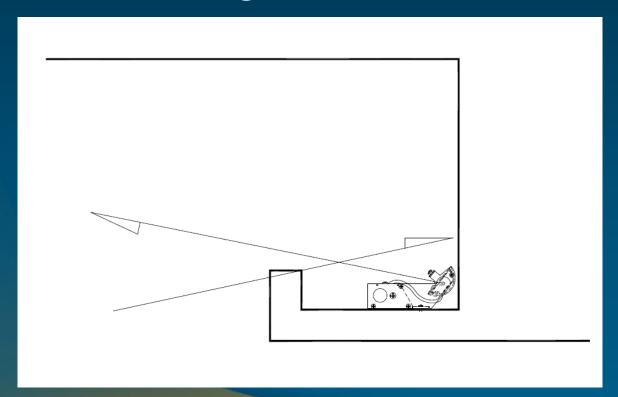


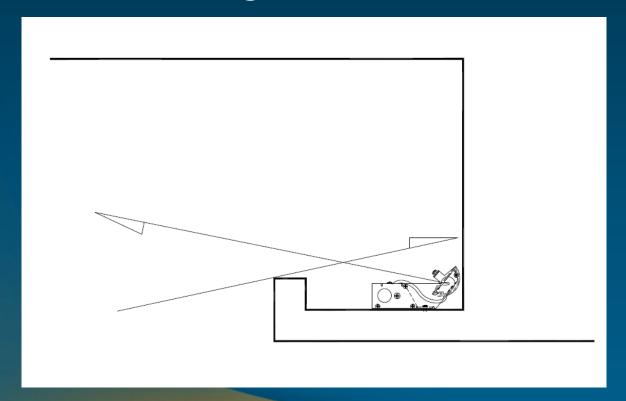
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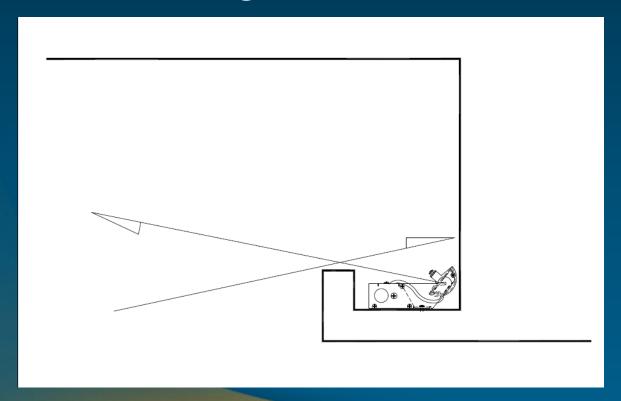


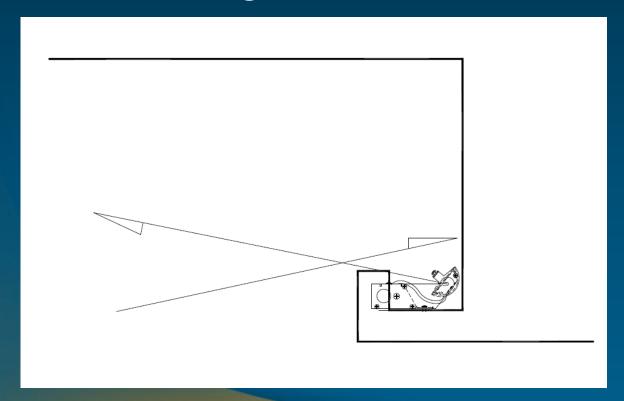
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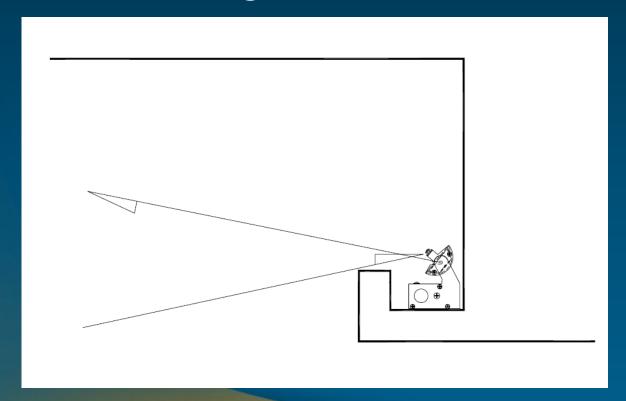


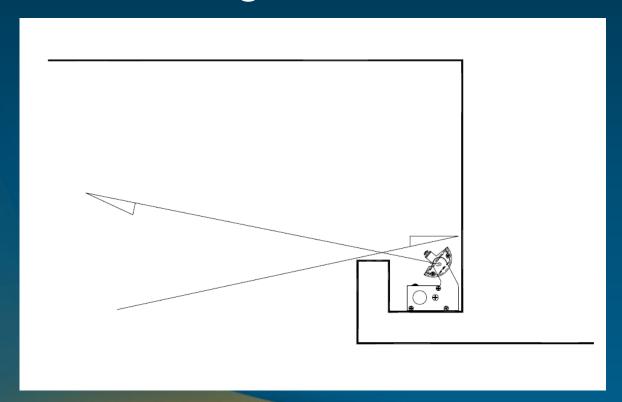


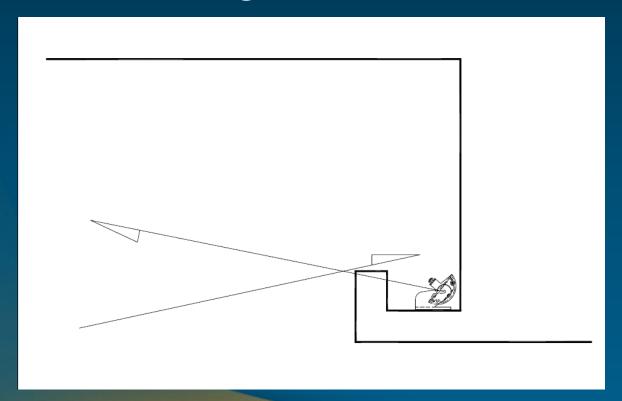


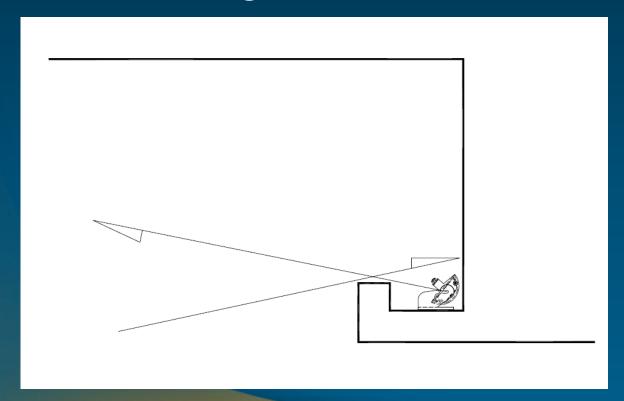


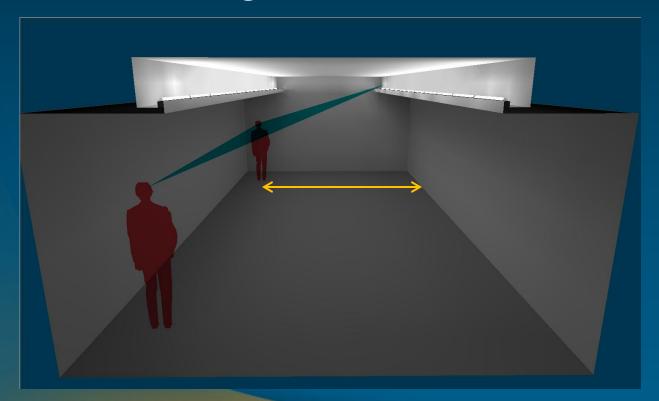


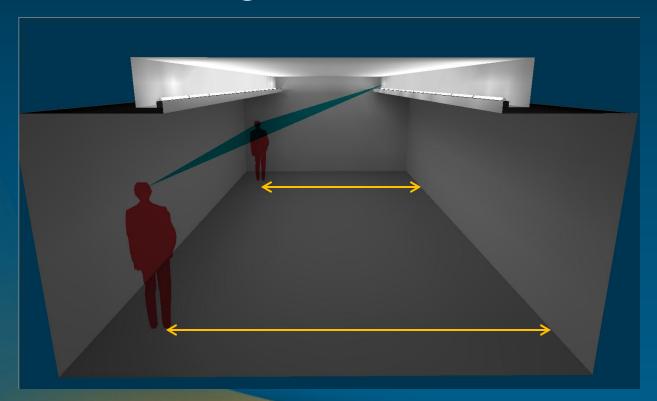


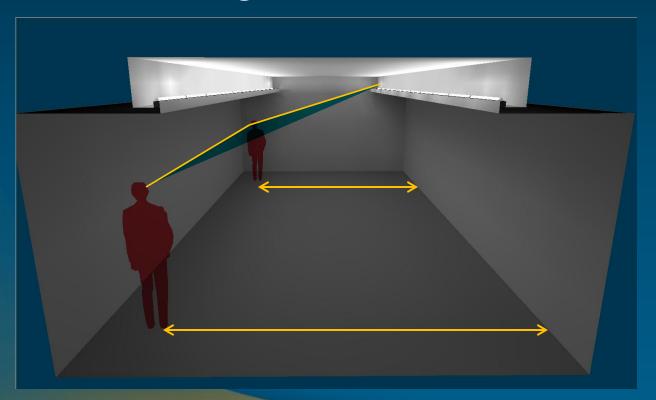


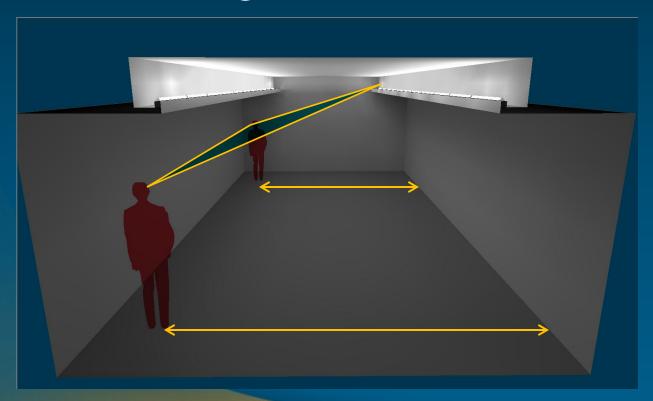


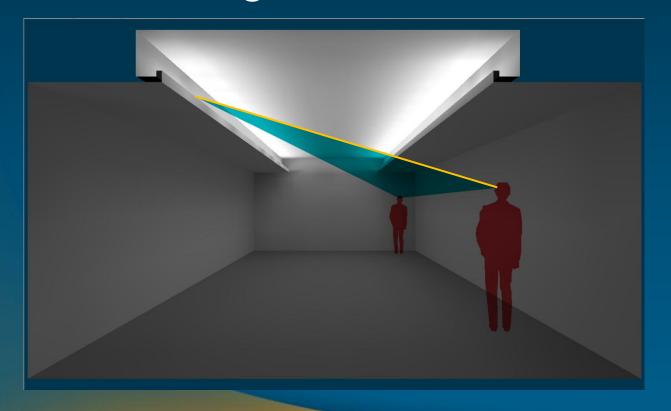


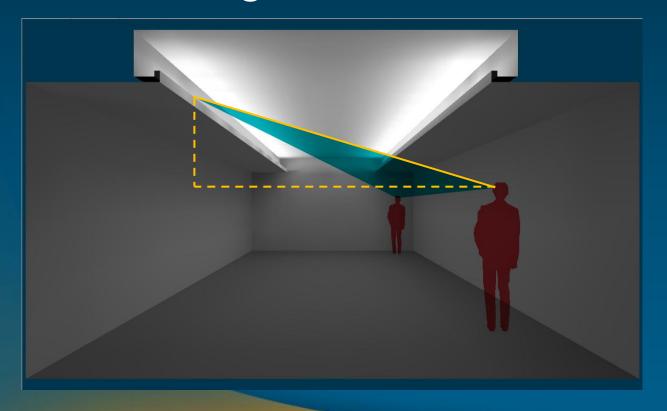


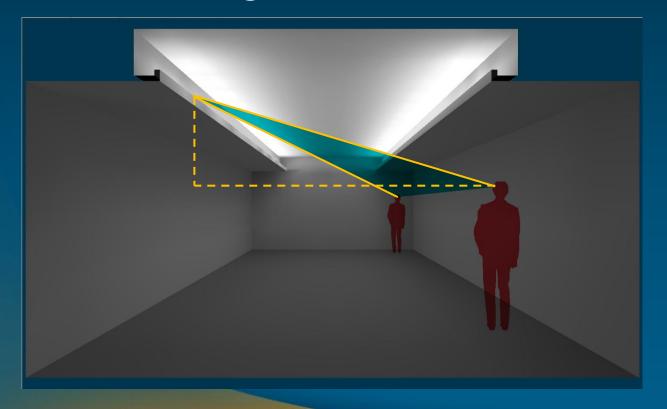




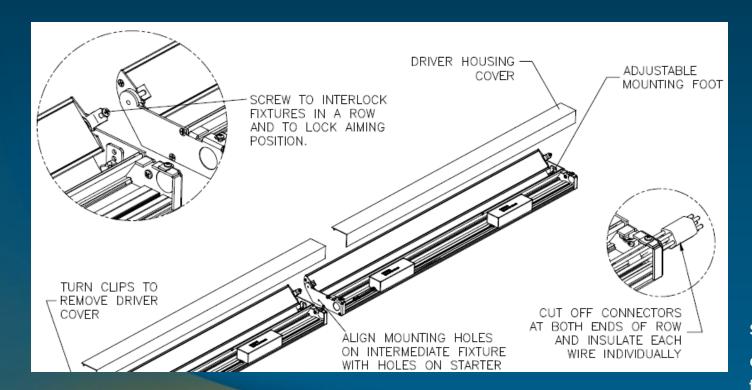








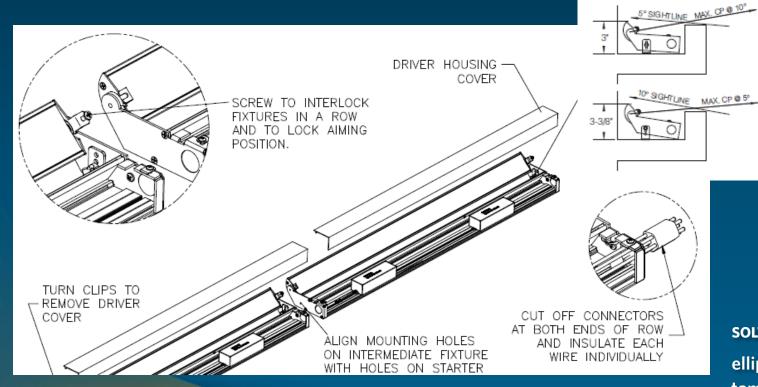
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Standard (low) position allows peak candlepower to be aimed as low as 15° above horizontal.

Middle position allows peak candlepower to be aimed as low as 10° above horizontal.

High position allows peak candlepower to be aimed as low as 5° above horizontal.

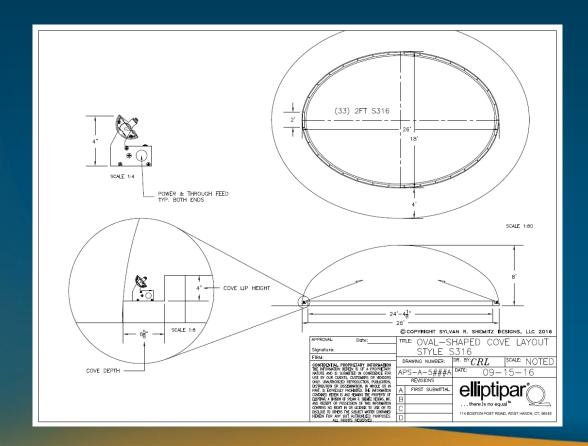
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S314 Profile



SCREW TO INTERLOCK - FIXTURES IN A ROW AND TO LOCK AIMING POSITION. ATTACH FEET TO MOUNTING SURFACE (HARDWARE BY OTHERS) -WIRING TO REMOTE DRIVER(S) REMOTE DRIVER HOUSING DRY LOCATION - SEE REMOTE DRIVER INSTRUCTION SHEET 12" min 175mA 18" min 350mA

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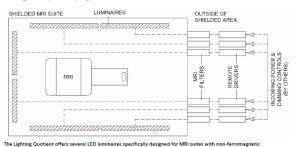
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LED Luminaire Installation for Magnetic Resonance Imaging Suites (MRI)

Magnetic Resonance Imaging (MRI) machines generate strong magnetic fields to create images which aid in medical diagnoses. Objects and equipment inside the MRI suite must be non-ferromagnetic and the electrical wiring entering must be filtered so as not to interfere with the medical imaging. The light source operating inside the room must not produce interference. In the past, dimmable tungsten halogen lamps on direct current have been used but they were inefficient and had a very short life. Today, LED luminaires with remote constant current drivers are ideal for MRI applications since they are energy efficient, have a very long useful life and are dimmable.



components and remote drivers mounted outside of the shielded room. Each driver's output must be filtered upon entry

Since MRI filters can be expensive it is recommended to contact The Lighting Quotient prior to specification as it may be possible to reduce the number of drivers and MRI filters required (depending upon the layout and type of luminaires).

The Lighting Quotient offers accessory MRI room filters (AMR02050) to individually filter the output of each remote LED driver entering the shielded area of the MRI suite

AMR02050 Specifications				
Maximum Rated Voltage	250V	Case Material	Plated Steel	100
Rated Current (amps)	2 wires @ 5A	Operating Temperature	-25°C to 85°C	
Overload	7.5A for 10 minutes	Output wires (load side)	UL1015	12
Hi-pot Rating	Per UL 1283	Attenuation	>100dB (5MHz to 10GHz)	2 0
Voltage Drop at rated current	<1%	IEC Climatic category	25/85/21	2.5" 2.6"

AMR02050 filters provide 100 decibels of attenuation on the driver output lines from 5MHz to 10GHz up to 5 amps of current. Specifier shall confirm performance complies with filter requirements of the specific MRI equipment used.

MA-1339 B (5/5/14) MRI Supplemental Instructions

The Lighting Quotient 114 Boston Post Road, West Haven, Connecticut 06516, USA 203-931-4455

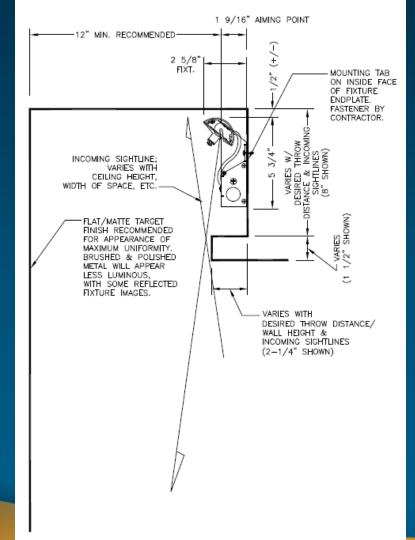
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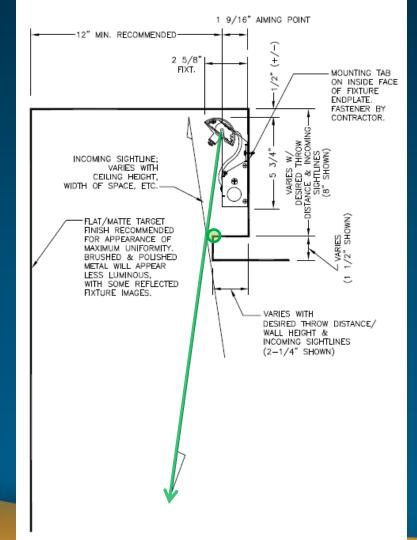


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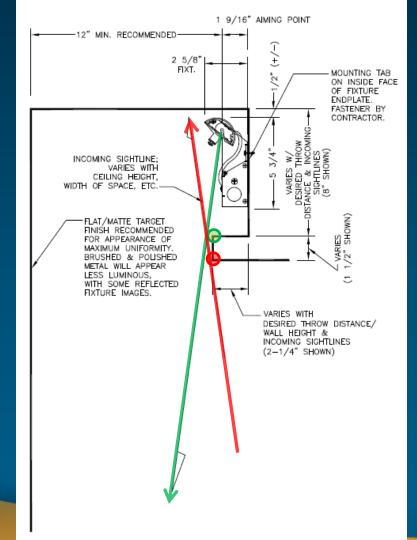


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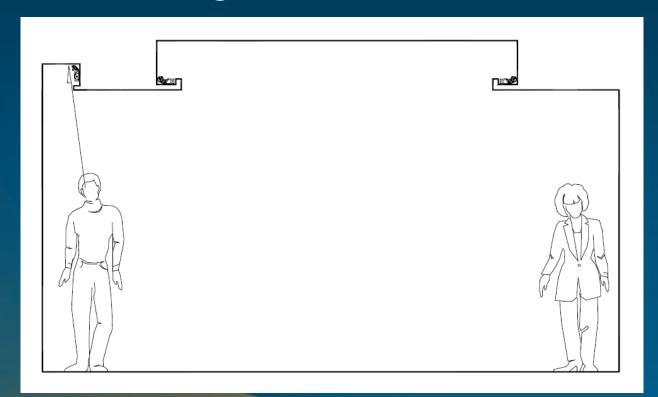


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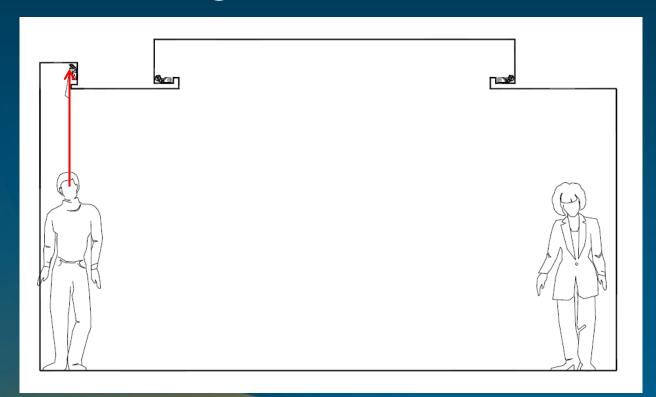
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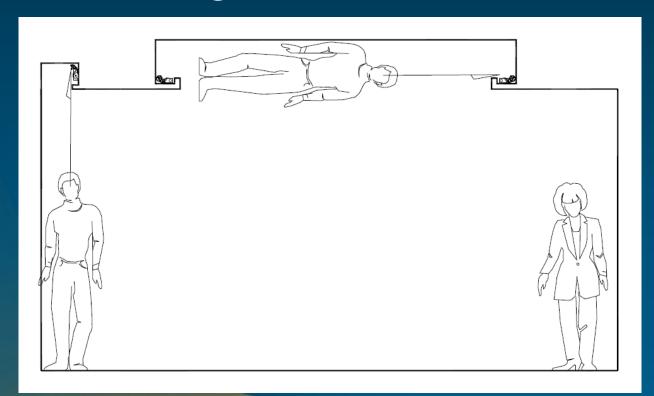
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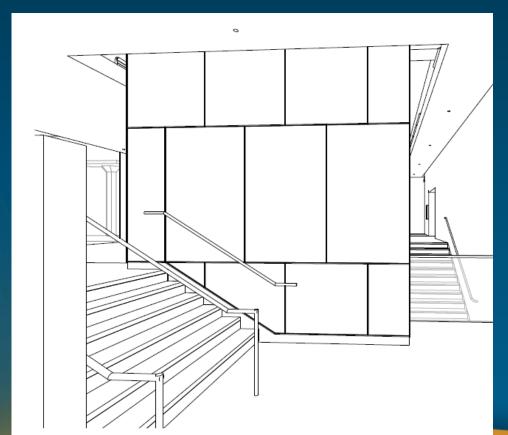
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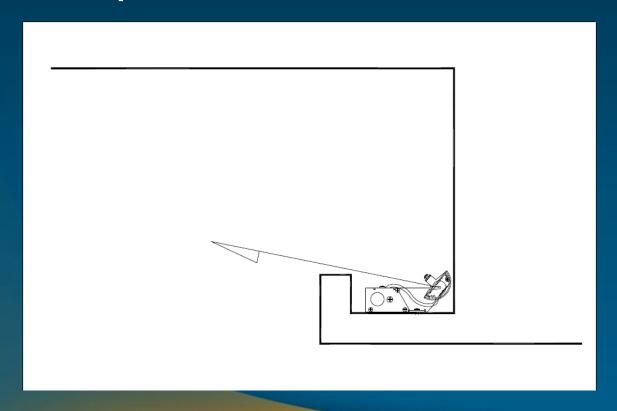
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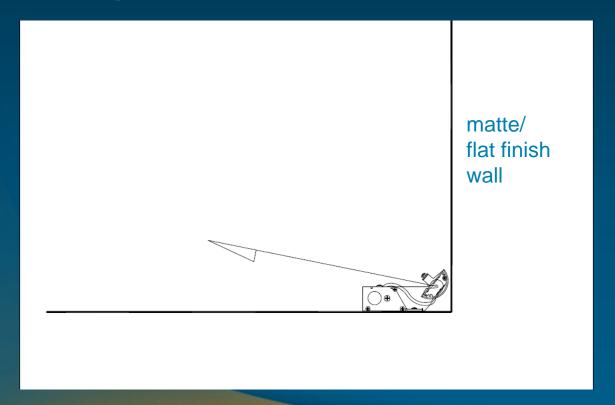
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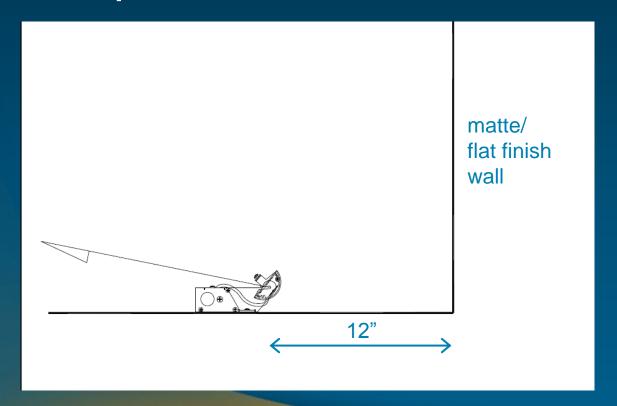
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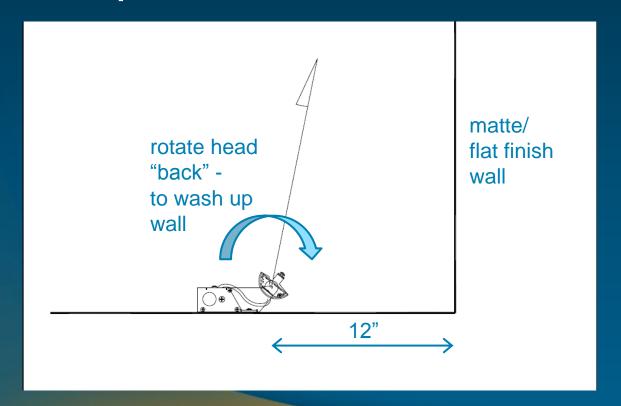


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Thank You

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 $\frac{x}{y} = Q$

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