elliptipar[®] 531X next generation high performance cove







elliptipar[®] = 31× next generation high performance cove

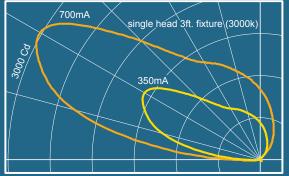


- High performance, smaller profile linear LED cove luminaires in five different body styles
- Fully adjustable and lockable aiming
- Proprietary refractive lens technology produces an asymmetric distribution — ideal for illuminating surfaces uniformly from one edge
- Precise optical control ensures 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

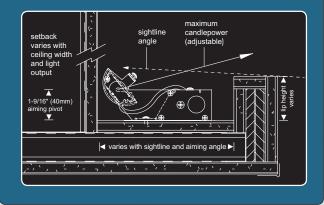
- High efficacy 121.3 lumens per watt (based on 3000K, 80+ CRI @ 700mA)
- Several CCT/CRI choices 2700K, 3000K, 3500K or 4000K, 80+ CRI (other CCT and CRI options available upon request)
- Excellent lumen maintenance —
- —L85(10k) > 60,000 hours (TM-21 reported based on 10,000 hours of LM80 data)—L70 > 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
- Damp locations; natatorium options available







L85(10k) > 60,000 hours @ 25°C per TM-21 (reported) L70(10k) > 136,000 hours @ 25°C per TM-21 (projected)









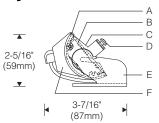


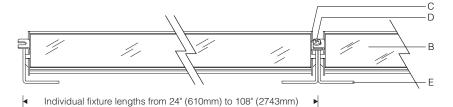






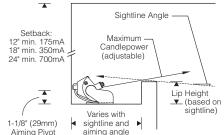
Style S314 1:4 Scale





Optical Assembly 1:2 Scale





Cove 1:8 Scale

Small linear concealed, 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
- **D** Rotation locking tab with locking set screw
- **E** L-shaped mounting feet, one pair per optical assembly (fasteners by others)
- F Formed aluminum wireway

Remote Driver

G 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 or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel.

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.

Fixture weight: 1.0 lb/ft (1.5 kg/m).

Electrical:

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

Remote electronic Class II constant current high power factor drivers. Number of drivers varies by length and dimming type; consult factory. 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 damp locations. For natatorium use, specify **0P** option. 5 year warranty, maximum ambient temperature 45°C (113°F).

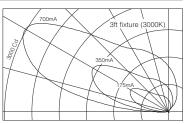


Features

- 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.



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

For LM79 and photometric reports, visit









Project: To form a Catalog Number 3

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,	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
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
$\mathbf{R07G} = 7 \text{ft fixture},$	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 brackets and remote driver enclosure; stainless steel luminaire hardware (natatorium use option is painted)

6 Voltage/Driver

Electronic Driver Electronic Dimming Driver*

8 = 120-277VM = 120-277V3 = 347VK = 347V

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

Option (See Accessories Section for specifications)

00 = No options

OP = Natatorium use; side arms, driver box pretreated and painted semigloss white

OM = For use in MRI medical facility. MRI filters are required on each output from remote drivers. Not for use with all dimming types; consult factory prior to specification.

Destination Requirement

= UL listed or CSA certified for U.S.

= UL listed or CSA certified for Canada

9 Color Temperature

27 = 2700K, 80+ CRI 35 = 3500K, 80+ CRI 30 = 3000K, 80 + CRI40 = 4000K, 80 + CRI

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



DOE Lighting Facts label, 3ft/108 LEDs @ 700mA, 1647 lm/ft (3000K/80+CRI) shown



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:

10 Dimming**

00 = Non-dimming

ZX = 0.10V analog dimming 120-277V or 347V input, dimming range 100%-5%, 0-10V controls by others

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

L2 = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming controls by others

LH = Lutron Hi-lume L3D 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming controls by others

L3 = Lutron Hi-lume L3D EcoSystem 120-277V input, dimming range 100%-1%, EcoBus dimming controls by others

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

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 18AWG, 10' long with plug and socket guick connectors at each end.

AXC0899 = Accessory plug and socket quick connectors for use with #18/2 AWG solid or topcoat wire by others to extend remote driver distance.

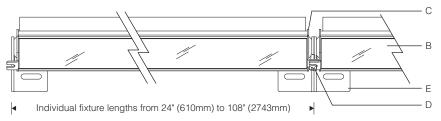
Example

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

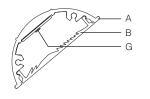
Small concealed LED, 9 foot long (2.74m) luminaire driven at 700mA. Anodized aluminum housing, mill finish mounting feet and remote driver enclosure. 120-277V input, 0-10V analog dimming controls by others, UL listed or CSA certified for U.S., damp location, 3000K/80+ CRI.

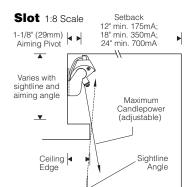
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Style S314 1:4 Scale 3-7/16" (87mm) 2-5/16" (59mm)



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
- **D** Rotation locking tab with locking set screw
- **E** L-shaped mounting feet, one pair per optical assembly (fasteners by others)
- F Formed aluminum wireway
- G 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 or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel.

All hardware – stainless steel.

Mounting:

Side arms with mounting tabs can be wall or ceiling 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.

Fixture weight: 1.0 lb/ft (1.5 kg/m).

Electrical:

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

Remote electronic Class II constant current high power factor drivers. Number of drivers varies by length and dimming type; consult factory. 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 damp locations. For natatorium use, specify **0P** option. 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 walls evenly.





21.0

L85(10k) > 60,000 hrs@ 25°C per TM-21



For LM79 and



Project: To form a Catalog Number 0 0 3

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,
                                                   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
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
R07G = 7ft fixture, 252 LEDs @ 175mA, 23.8 watts, 3271 lm
R07L = 7ft fixture, 252 LEDs @ 350mA, 47.6 watts,
R07M = 7ft fixture, 252 LEDs @ 700mA, 95.1 watts, 11531 lm
R08G = 8ft fixture, 288 LEDs @ 175mA, 27.2 watts,
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
```

R09M = 9ft fixture. 324 LEDs @ 700mA. 122.3 watts. 14826 lm Based on 3000K/80+CRI. Click here for scaled performance table.

R09L = 9ft fixture, 324 LEDs @ 350mA, 61.1 watts, 7762 lm

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 remote driver enclosure; stainless steel luminaire hardware (natatorium use option is painted)

6 Voltage/Driver

Electronic Driver Electronic Dimmina Driver*

8 = 120-277VM = 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

OP = Natatorium use; side arms, driver box pretreated and painted semigloss white

0M = For use in MRI medical facility. MRI filters are required on each output from remote drivers. Not for use with all dimming types; consult factory prior to specification.

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.



DOE Lighting Facts label, 3ft/108 LEDs @ 700mA, 1647 lm/ft (3000K/80+CRI) shown



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:

10 Dimmina**

00 = Non-dimming

ZX = 0-10V analog dimming 120-277V or 347V input. dimming range 100%-5%. 0-10V controls by others

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

L2 = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming controls by others

LH = Lutron Hi-lume L3D 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming controls by others

L3 = Lutron Hi-lume L3D EcoSystem 120-277V input, dimming range 100%-1%, EcoBus dimming controls by others

EL = eldoLED SOLOdrive 120-277V input, 0-10V analog 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: No. of drivers varies with no. of LEDs, drive current and driver type

Accessories

Ordered and priced 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 18AWG. 10' long with plug and socket quick connectors at each end.

AXC0899 = Accessory plug and socket quick connectors for use with #18/2 AWG solid or topcoat wire by others to extend remote driver distance.

Example

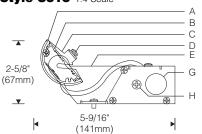
S314-R09M-S-00-M-00-0-30-ZX

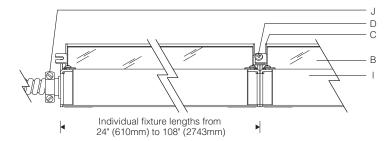
Small concealed LED, 9 foot long (2,74m) luminaire driven at 700mA. Anodized aluminum housing, mill finish mounting feet and remote driver enclosure. 120-277V input, 0-10V analog dimming controls by others. UL listed or CSA certified for U.S.. dry location. 3000K/80+ CRI.

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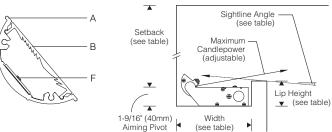
21.1

Style S315 1:4 Scale





Optical Assembly 1:2 Scale



Cove 1:8 Scale

Small linear concealed, integral driver

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)	2-5/8"	1-5/8"	1-1/2"
	(67mm)	(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
- **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 by others)
- **H** Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and drivers
- 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 assembly
- Integral driver with optional pre-wired harness
- Low profile allows smaller cove height

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 or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel. 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.

Fixture weight: 1.7 lb/ft (2.5 kg/m).

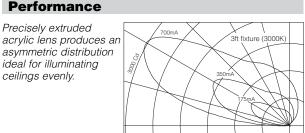
Electrical:

Use 90°C wire for supply connections. Integral electronic Class II drivers. 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 damp locations. For natatorium use, specify **0P** or **PK** option. 5 year warranty, maximum ambient temperature 45°C (113°F).





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

For LM79 and photometric reports, visit









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 lumens b	eiow.		
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
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
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, 1	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

R09M = 9ft fixture, 324 LEDs @ 700mA, 122.3 watts, 14826 lm Based on 3000K/80+CRI. Click here for scaled performance table.

R09L = 9ft fixture. 324 LEDs @ 350mA. 61.1 watts. 7762 lm

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 (natatorium use options are painted)



6 Voltage/Driver

Electronic Driver

8 = 120-277V

Electronic Dimming Driver*

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

0P = Natatorium use; side arms, driver box pretreated and painted semigloss white

PK = Natatorium use with through-wire harness

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-dimmina

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

ZX = 0-10V analog dimming 120-277V or 347V input, dimming range 100%-5%, 0-10V controls by others

L2 = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming controls by others

LH = Lutron Hi-lume L3D 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming controls by others

L3 = Lutron Hi-lume L3D EcoSystem 120-277V input, dimming range 100%-1%, EcoBus dimming controls by others

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

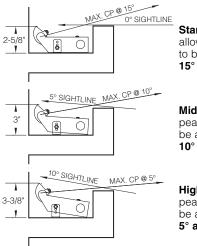
elliptipar from The Lighting Quotient

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

Type:

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.

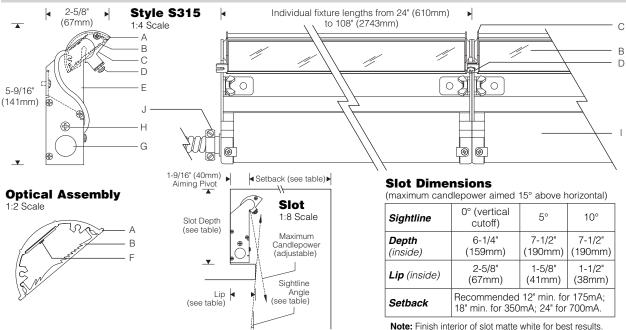
High position allows peak candlepower to be aimed as low as **5**° above horizontal.

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

shown >



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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 Aluminum side arm with adjustable mounting tab (fasteners by others)
- F Constant current LED board
- G Conduit entry (one each end, conduit and connections by others)
- **H** Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and drivers
- Supply conduit and connectors by others

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 or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel. 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.

Fixture weight: 1.7 lb/ft (2.5 kg/m).

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II drivers. 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 damp locations. For natatorium use, specify **0P** or **PK** option. 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 slot depth

Performance

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





SW

L85(10k) > 60.000 hrs@ 25°C per TM-21





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
1	R05L	=	5ft	fixture,	180	LEDs	@	350mA,	34.0	watts,	4312 lm
l	R05M	=	5ft	fixture,	180	LEDs	@	700mA,	67.9	watts,	8237 lm
l	R06G	=	6ft	fixture,	216	LEDs	@	175mA,	20.4	watts,	2803 lm
l	R06L	=	6ft	fixture,	216	LEDs	@	350mA,	40.8	watts,	5175 lm
l	R06M	=	6ft	fixture,	216	LEDs	@	700mA,	81.5	watts,	9884 lm
J	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 brackets and driver enclosure; stainless steel luminaire hardware (natatorium use options are painted)



6 Voltage/Driver

Electronic Driver

8 = 120-277V

Electronic Dimming Driver*

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

0P = Natatorium use; side arms, driver box pretreated and painted semigloss white

PK = Natatorium use with through-wire harness

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-dimmina

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

ZX = 0-10V analog dimming 120-277V or 347V input, dimming range 100%-5%, 0-10V controls by others

L2 = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming controls by others

LH = Lutron Hi-lume L3D 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming controls by others

L3 = Lutron Hi-lume L3D EcoSystem 120-277V input, dimming range 100%-1%, EcoBus dimming controls by others

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

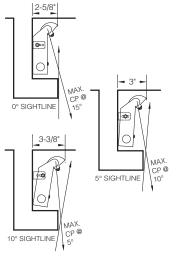
elliptipar from The Lighting Quotient

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

Type:

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 nadir (vertical).

Middle position allows peak candlepower to be aimed as low as 10° above nadir (vertical).

High position allows peak candlepower to be aimed as low as 5° above nadir (vertical).

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

shown >

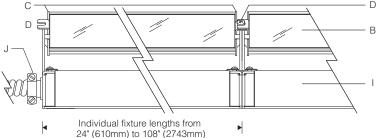


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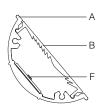
Style S316

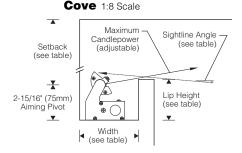
Small linear concealed, integral driver

1:4 Scale



Optical Assembly 1:2 Scale





Cove Dimensions (maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°
Width	5-1/8"	4-1/4"*	4-1/4"*
(inside)	(130mm)	(108mm)	(108mm)
Lip (inside)	4"	3-5/8"	3-1/4"
	(102mm)	(92mm)	(83mm)
Setback	12" (305mm) min. recommended for 175mA, 18" (457mm) for 350mA; 24" (610mm) for 700mA.		

*Minimum for removal of wireway cover.

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

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 Aluminum side arm with adjustable mounting tab (fasteners by others)
- F Constant current LED board
- **G** Conduit entry (one each end, conduit and connectors by others)
- **H** Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and drivers
- J Supply conduit and connections by others

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 or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel.

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.

Fixture weight: 1.7 lb/ft (2.5 kg/m).

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II drivers. 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 damp locations. For natatorium use, specify **0P** or **PK** option. 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
- Slim profile ideal for tight coves

Performance

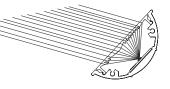
Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilings evenly.



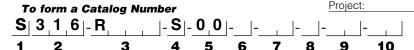
L85(10k) > 60,000 hrs @ 25°C per TM-21

For LM79 and photometric reports, visit









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 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
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
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.
R08M = 8ft fixture, 288 LEDs @ 700mA, 108.7 watts, 13179 lm
R09G = 9ft fixture, 324 LEDs @ 175mA, 30.6 watts, 4205 lm
```

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

R09L = 9ft fixture, 324 LEDs @ 350mA, 61.1 watts, 7762 lm **R09M** = 9ft fixture, 324 LEDs @ 700mA, 122.3 watts, 14826 lm

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 (natatorium use options are painted)

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

0P = Natatorium use; side arms, driver box pretreated and painted semigloss white

PK = Natatorium use with through-wire harness

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.



DOE Lighting Facts label, 3ft/108 LEDs @ 700mA, 1647 lm/ft (3000K/80+CRI) shown

10 Dimming**

Type:

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 or 347V input, dimming range 100%-5%, 0-10V controls by others

L2 = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming controls by others

LH = Lutron Hi-lume L3D 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming controls by others

L3 = Lutron Hi-lume L3D EcoSystem 120-277V input, dimming range 100%-1%, EcoBus dimming controls by others

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

Example

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

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., damp location. 3500K/80+ CRI.



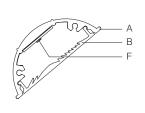
SC

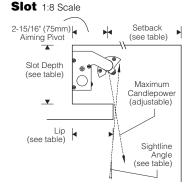
|19.1|

Style S316 1:4 Scale * (3)

Individual fixture lengths from 24" (610mm) to 108" (2743mm)

Optical Assembly 1:2 Scale





Slot Dimensions

(maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°
Width (inside)	5-1/8"	4-1/4"*	4-1/4"*
	(130mm)	(108mm)	(108mm)
Lip (inside)	4"	3-5/8"	3-1/4"
	(102mm)	(92mm)	(83mm)
Setback	12" (305mm) min. recommended for 175mA, 18" (457mm) for 350mA; 24" (610mm) for 700mA.		

*Minimum for removal of wireway cover.

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

Specifications

- A Serviceable extruded aluminum heat sink/housing
- 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)
- Constant current LED board
- G Conduit entry (one each end, conduit and connectors by others)
- **H** Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and drivers
- J Supply conduit and connections by others

Features

Precisely extruded

an asymmetric

for illuminating ceilings evenly.

For LM79 and photometric

reports, visit

distribution ideal

- 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 slots

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 or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel.

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.

Fixture weight: 1.7 lb/ft (2.5 kg/m).

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II drivers. 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.

UL listed or CSA certified for damp locations. For natatorium use, specify **0P** or **PK** option. 5 year warranty, maximum ambient temperature 45°C (113°F).

Standard:





3ft fixture (3000K)

L85(10k) > 60,000 hrs@ 25°C per TM-21





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 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
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
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.
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 (natatorium use options are painted)

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

0P = Natatorium use; side arms, driver box pretreated and painted semigloss white

PK = Natatorium use with through-wire harness

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.



DOE Lighting Facts label, 3ft/108 LEDs @ 700mA, 1647 lm/ft (3000K/80+CRI) shown

10 Dimming**

Type:

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 or 347V input, dimming range 100%-5%, 0-10V controls by others

L2 = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming controls by others

LH = Lutron Hi-lume L3D 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming controls by others

L3 = Lutron Hi-lume L3D EcoSystem 120-277V input, dimming range 100%-1%, EcoBus dimming controls by others

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

Example

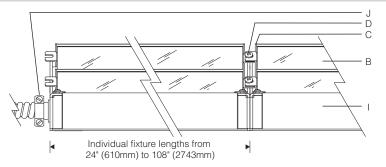
S316-R06L-S-00-L-00-0-35-ZX

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., damp location. 3500K/80+ CRI.

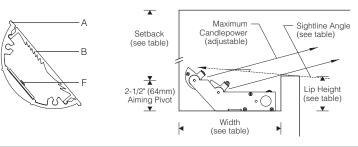


23.1

7-1/2" (191mm)



Optical Assembly 1:2 Scale



Cove 1:8 Scale

Small dual linear concealed, integral driver

Cove Dimensions

(maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°
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: 24" (610mm)		

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 by others)
- **H** Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and drivers
- Supply conduit and connectors by others

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 or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel. 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.

Fixture weight: 2.6 lb/ft (3.9 kg/m).

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II drivers. 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 damp locations. For natatorium use, specify **0P** or **PK** option. 5 year warranty, maximum ambient temperature 45°C (113°F).

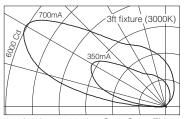


Features

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

Performance

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



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

For LM79 and photometric reports, visit







1 Source

S = Solid state (LED)

2 Style

317 = 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 lm **R04L** = 4ft fixture, 288 LEDs @ 350mA, 54.4 watts, 6900 lm **R04M** = 4ft fixture, 288 LEDs @ 700mA, 108.6 watts, 13178 lm **R05L** = 5ft fixture, 360 LEDs @ 350mA, 68.0 watts, 8624 lm **R05M** = 5ft fixture, 360 LEDs @ 700mA, 135.8 watts, 16474 lm **R06L** = 6ft fixture, 432 LEDs @ 350mA, 81.6 watts, 10350 lm **R06M** = 6ft fixture, 432 LEDs @ 700mA, 163.0 watts, 19768 lm **R07L** = 7ft fixture, 504 LEDs @ 350mA, 95.2 watts, 12074 lm **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 **R09L** = 9ft fixture, 648 LEDs @ 350mA, 122.2 watts, 15524 lm **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

20.1

S = Sidearms with mounting tabs

5 Finish

00 = Anodized optical housing/heat sink; mill finish brackets and driver enclosure; stainless steel luminaire hardware (natatorium use options are painted)

6 Voltage/Driver

*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

0P = Natatorium use; side arms, driver box pretreated and painted semigloss white

PK = Natatorium use with through-wire harness

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**

Type:

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 or 347V input, dimming range 100%-5%, 0-10V controls by others

L2 = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming controls by others

LH = Lutron Hi-lume L3D 120-277V input, dimming range 100%-1%, Lutron 3-wire dimming controls by others

L3 = Lutron Hi-lume L3D EcoSystem 120-277V input, dimming range 100%-1%, EcoBus dimming controls by others

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

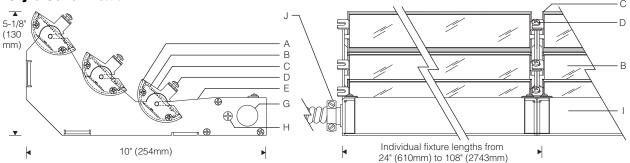


DOE Lighting Facts label, 3ft/108 LEDs @ 700mA,

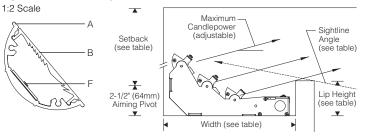
1647 lm/ft (3000K/80+CRI) shown, refers to a single head of the dual-head fixture



Style S318 1:4 Scale



Optical Assembly



Cove 1:8 Scale

Cove Dimensions

(maximum candlepower aimed 15° above horizontal)

Sightline	0° (horiz. cutoff)	5°	10°
Width (inside)	19" (483mm)	14-1/4" (362mm)	11-1/4" (286mm)
Lip (inside)	5-1/8" (130mm)	3-7/8" (98mm)	3" (76mm)
Setback	Recommendedminimum:30"(762		

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 by others)
- **H** Driver/housing joiner screw (one per fixture)
- Extruded aluminum driver housing and drivers
- Supply conduit and connectors by others

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 or painted semigloss white for natatorium option. Painted surfaces receive a 6-stage pretreatment process prior to electrostatically applied baked powder enamel. 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.

Fixture weight: 3.5 lb/ft (5.2 kg/m).

Electrical:

Use 90°C wire for supply connections. Integral electronic Class II drivers. 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 damp locations. For natatorium use, specify **0P** or **PK** option. 5 year warranty, maximum ambient temperature 45°C (113°F).



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

Performance

Features

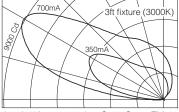
■ Proprietary refractive lens technology

■ Asymmetric distribution – uniform surface illumination

■ Wide lateral distribution – no socket shadows

■ Fully adjustable and lockable optic assemblies

■ Integral driver with optional pre-wired harness



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

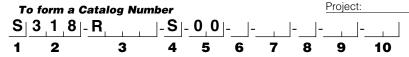
For LM79 and photometric reports, visit







Type:



1 Source

S = Solid state (LED)

2 Style

318 = 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.

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 (natatorium use options are painted)

6 Voltage/Driver

Electronic Driver

Electronic Dimming Driver*

8 = 120-277V M = 120-277V3 = 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

0P = Natatorium use; side arms, driver box pretreated and painted semigloss white

PK = Natatorium use with through-wire harness

8 Destination Requirement

UL listed or CSA certified for U.S.
 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**

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ZX = 0-10V analog dimming 120-277V or 347V input, dimming range 100%-5%, 0-10V controls by others

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



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

