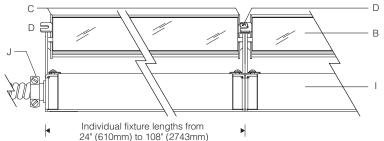


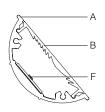
# Style S316

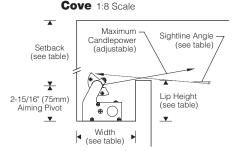
Small linear concealed, integral driver

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
- 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 guick connectors. Optional, 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).



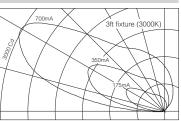


### **Features**

- Tunable White Now Available!
- 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**

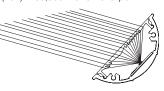
Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating ceilings evenly.



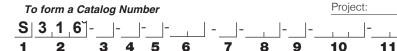
L90(10k) > 60.000 hrs. @ 25°C per TM-21

For LM79 and photometric reports, visit

thelightingquotient.com







## 1 Source

S = Solid state (LED)

# 2 Style

316 = Small linear concealed LED with integral driver

# 3 Output

- **L** = Low output (3.3W per foot)
- S = Standard output (6.5W per foot)
- H = High output (13W per foot)

## 4 Length

- 2 = 2 feet, 24" (610mm)
- **3** = 3 feet, 36" (914mm)
- 4 = 4 feet, 48" (1219mm)
- **5** = 5 feet, 60" (1524mm)
- **6** = 6 feet, 72" (1829mm)
- **7** = 7 feet, 84" (2134mm)
- **8** = 8 feet, 96" (2438mm)
- 9 = 9 feet, 108" (2743mm)

See Scaled Performance Table

## **5** Mounting

**S** = Sidearms with mounting tabs

## 6 Finish

- **00** = Anodized optical housing/heat sink; mill finish brackets and driver enclosure: stainless steel luminaire hardware (natatorium use option is painted)
- **02** = For damp / natatorium use. Driver enclosure and mounting brackets finished semi-gloss white, optical housing/heat sink are bright anodized

## **7** Voltage

M = 120-277V Universal voltage input

## 8 Option

- 00 = No options
- **0K** = Modular through-wire harness with quick connectors
- **OP** = Natatorium use; side arms, driver box pretreated and painted semigloss white
- **PK** = Natatorium use with through-wire harness

## 9 Destination Requirement

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

# 10 Color Temperature / CRI



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

## 11 Dimming

- **00** = Non-dimming
- **ZX** = 0-10V analog dimming 120-277V or 347V input, dimming 100%-1%, 0-10V controls by others
- EL = 0-10V eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, 0-10V controls by others
- **ED** = DALI eldoLED SOLOdrive, 120-277V input, dimming 100%-0.1%, DALI controls by others
- **TD** = ERP forward or reverse phase 120V only, dimming 100%-6%, 120V phase controls by others
- **DZ** = TWH 2-Channel driver for use with (2) 0-10V controls
- **DD** = TWH 2-Channel DALI driver (DALI controls by others)
- **DA** = RGBW 4-Channel DMX module (DMX controls by others)
- **DM** = RGBW 4-Channel eldoLED LINEARdrive (DMX controls by others)

### **Controls**

Type:

AWB-TP-DMX-0 = RGBW LED dimmer switch fits in a standard wall switch box and provides on/off control as well as fixed levels of dimmability. The dimmer switch has a color-selection wheel for thousands of color options, 10 dynamic color-changing/single color modes, 0-100% dimming, on/off controls, and 4 color-specific channel controls for red, green, blue, and white.



Additional Wired and wireless controls available, see Driver and Controls Information



