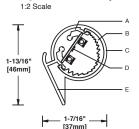
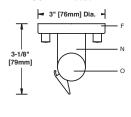
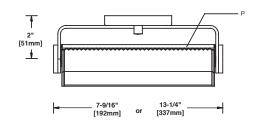
# Optical Assembly

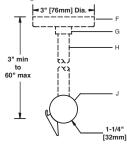


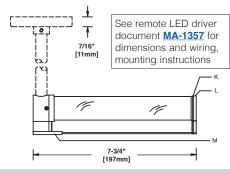
#### E-mount 1:4 Scale





#### Ceiling Mounted with VSP (R-Mount Shown)







## **Specifications**

Finish:

Mounting:

- A Extruded aluminum heat sink/housing
- **B** Extruded semi-diffuse lens

Housing and Optic Assembly:

- Die-cast aluminum end plate 1-1/8" dia.
- Linear LED PCB with CSP LEDs

refractive lens with optimal dispersion.

abrasion, fade and corrosion resistant finish.

- **E** Integral visor (extruded aluminum)
- **F** Aluminum canopy (VSC/VSP)
- **G** Slip ring with set screw (VSC/VSP)
- H Aluminum stem 1/2" O.D. (VSC/VSP)
- **J** Aluminum mounting hub (VSC/VSP)
- **K** Aluminum reveal plate

- **L** Aluminum decorative end plate
- M Extruded aluminum hub cover
- Aluminum decorative knob
- Adjustable back splash shield

use with VCS cantilever, VPT straight pendant (ordered and priced separately).

2.0 lbs (0.91 kg).

#### Electrical:

R, L and T mount units are provided with 7ft (2438mm) leads for connection to remote electronic HPF thermally protected Class 2 driver mounted in aluminum enclosure. For complete driver specifications, see website, reference document MA-1303. Optional, compatible dimming controls (by others). See website for dimming compatibility and specifications.

#### Standard:

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

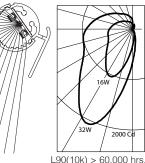
#### Mounting (continued):

E-mount with 3" diameter aluminum canopy, supplied with 2" x 2" recessed outlet box and mounting hardware. X-mount for

Fixture Weight: 28 LED unit = 1.5 lbs (0.68 kg); 56 LED unit =

For LM79 and photometric reports, visit

to bottom.







# L Mount on VSP **E Mount** T Mount on VSP **R Mount on VSP X Mount on VCT** X Mount on VPT

#### **Features**

- Inconspicuous low profile lights entire wall evenly without emphasizing surface imperfections
- Built-in visor provides shielding of glare from below
- Adjustable and lockable aiming
- Small, elegant hub hangers

#### **Performance**

Precisely extruded acrylic lens produces an asymmetric distribution ideal for illuminating vertical surfaces evenly from top



R, L and T mountings provided with adjustable hub for use with **VSP** pendant or **VSC** cantilever (ordered and priced separately). **VSP** and **VSC** are supplied with recessed outlet box (suitable backing structure required). Adjustable interface plate (concealed under canopy) allows for leveling of arm. Fixture weight: 0.8 lb/ft (1.1 kg/m).

Extruded aluminum heat sink/optic housing. Exterior heat sink

anodized for maximum emissivity. Precision extruded polymer

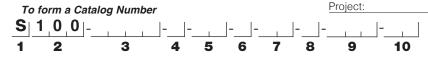
Extruded aluminum heat sink/housing, aluminum reveal plates

and end plates finished white, black or custom color. Formed aluminum canopy, end hubs and stems painted white or black.

Painted surfaces – 6 stage pretreatment and electrostatically

applied thermoset polyester powder coating for a durable

All hardware - stainless steel or nickel plated brass.



#### 1 Source

**S** = Solid state (LED)

# 2 Style

**100** = Xtra-small surface mounted point source asymmetric LED with integral visor and remote driver

# 3 Length / Light Output / Power

ORDER CODE	LENGTH	LUMENS	INPUT WATTS	NUMBER OF LEDS	DRIVE CURRENT
L028	8"	1086	8	28	175mA
M028	8"	2101	16	28	350mA
L056	14"	2172	16	56	175mA
M056	14"	4202	32	56	350mA

Based on 3500K/80+CRI. Click here for scaled performance table.

# **4** Mounting

- L = Left offset mounting for use with required VSP pendant or VSC cantilever — ordered and priced separately
- **R** = Right offset mounting for use with required **VSP pendant** or **VSC cantilever** ordered and priced separately
- T = Dual-head center mounting for use with required VSP pendant or VSC cantilever — ordered and priced separately

Note: L and R mount for 8" fixtures only, T mount for 14" only.

- **E** = External yoke on 3" diameter canopy
- X = External yoke for use with required VCS cantilever or VPS pendant or VPE swivel pendant (priced and ordered separately)

## 5 Finish

02 = Semigloss white	13 = Matte Black	22 = Matte White
<b>06</b> = Dark bronze*	15 = Metallic	<b>PL</b> = Platinum
<b>07</b> = Silver*	17 = Champagne*	99 = Custom or RAI
08 = Semigloss black	<b>18</b> = Copper*	consult rep.*



<sup>\* =</sup> non-cancellable/returnable



## 6 Voltage

M = 120-277V Universal voltage input

K = 347V input

# 7 Option (See Accessories Section for specifications)

00 = No options

**0B** = Cross baffle, provides 25° lateral shielding

**0S** = Adjustable sawtooth backsplash shield

OM = For use in MRI medical facility. MRI filters 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 / CRI

**827** = 2700K, 80+ CRI **927** = 2700K, 90+ CRI **830** = 3000K, 80+ CRI **930** = 3000K, 90+ CRI **835** = 3500K, 80+ CRI **935** = 3500K, 90+ CRI **940** = 4000K, 90+ CRI

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

RGBW - Consult factory.

# rgbw

# 10 Dimming\*\*

00 = Non-dimming

**TD** = ERP forward phase or reverse phase (120V only), dimming range 100-10% power, compatible controls by others

**ZX** = 0-10V analog dimming 120-277V or 347V input, dimming range 100%-1%, 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

**L2** = Lutron Hi-lume LTE 120V input only, dimming range 100%-1%, compatible 2-wire dimming controls by others (see note\*)

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

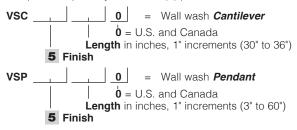
Refer to Driver Information document MA-1303

#### elliptipar from The Lighting Quotient

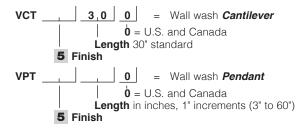
114 Boston Post Road, West Haven, Connecticut 06516, USA Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com Type:

## **Required Mounting Hangers**

**Mounting hangers for L, R and T mounting codes**— ordered and priced separately, order one (1) per fixture.



**Mounting hangers for X mounting code**— ordered and priced separately, order one (1) per fixture.



#### **Accessories**

Order separately. See Accessories Section for specifications.

**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

# S100-M036-T-02-M-00-0-835-ZX

S100 Xtra small surface mounted LED, 14" long (353mm), 700mA driver, required pendant or cantilever hanger for center dual-mount ordered separately, semigloss white finish, 120-277V dims to 5%, 0-10V dimming control by others, semi-diffuse lens, UL listed or CSA certified for U.S., damp locations. 3500K/80+ CRI.

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