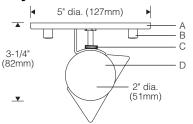
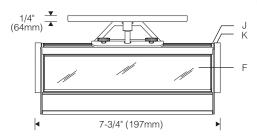
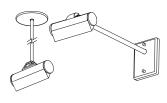
Style S099 1:4 Scale





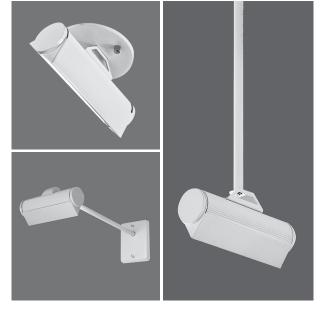
Pendant and Cantilever

1:12 Scale

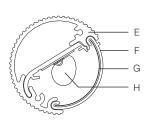


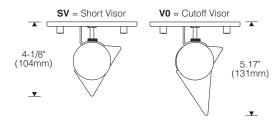
Remote Driver

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



Optical Assembly 1:2 Scale





Visor Options 1:6 Scale

Specifications

- A Aluminum canopy
- **B** Chrome cap nuts
- Aluminum adjustment bracket with brass thumbscrews
- **D** Optical assembly
- **E** Extruded aluminum heat sink/housing
- F Impact-resistant extruded lens
- **G** Holographic diffuser
- H Field serviceable light engine with fragtir™ asymmetric optic
- J Aluminum reveal plate
- K Aluminum decorative end plate
- L Remote constant current LED driver, indoor use

Features

- fraqtir technology precise asymmetric optical control
- Wide distribution great vertical and lateral uniformity
- Adjustable and lockable aiming
- Serviceability removable light engine

Optic Assembly:

Two-piece extruded aluminum heat sink/optic housing. Exterior heat sink anodized for maximum emissivity. Removable interior extrusion treated to maximize thermal conductivity. Precision formed asymmetric optical light bar of high temperature, waterclear acrylic. Extruded impact resistant, high temperature, acrylic outer protective lens. Elliptical distribution holographic diffuser captured within outer protective lens, maximizes lateral distribution without disturbing asymmetric forward throw.

Extruded aluminum heat sink/housing bright anodize, white or black finish. Formed aluminum canopy, adjustable back bracket, end plates finished white or black.

Painted surfaces – 6 stage pretreatment and electrostatically applied thermoset powder coat for stable, long lasting and corrosion resistant finish.

All hardware – stainless steel or nickel plated brass.

Cross bar mounts over recessed outlet box (by others) or directly to ceiling. Canopy mounts to cross bar via chrome cap nuts. Pendant or cantilever ordered separately; specify **X** mount.

Pendant stem - 11/16" O.D. aluminum, internally threaded. 5" dia. x 1/2" aluminum canopy.

Cantilever – 1" x 2" steel arm. Interface plate (under canopy) allows ±5° leveling.

Electrical:

Units are furnished with 5 foot (1.5m) leads for connection to remote driver Class II output. Remote electronic HPF thermally protected Class II driver mounted in aluminum enclosure. For complete driver specifications, see website, reference document MA-1303.

Optional electronic dimming driver; compatible dimming controls (by others). See website for dimming compatibility and specifications.

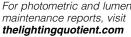
Standard:

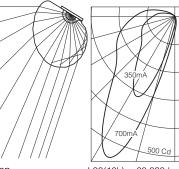
UL listed or CSA certified for dry locations.

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

Performance

fragtir technology uses a combination of refraction and total internal reflection. creating a distribution of light ideal for illuminating surfaces uniformly. Glare is minimized while light delivered to the target is maximized, resulting in high efficiency.





L90(10k) > 60,000 hrs@ 25°C per TM-21







To Order Style S099



1 Source

S = Solid state (LED)

2 Style

099 = Xtra small fluted surface mount LED with remote driver

3 Drive Current/Light Output

L007 = 7 LEDs @ 350mA (507 lumens, 9W)

M007 = 7 LEDs @ 700mA (912 lumens, 18W)

Based on 3000K/80+CRI. $\underline{\text{Click here}}$ for scaled performance table.

Note: J and K codes are discontinued.

4 Mounting

C = Canopy with adjustable back bracket

X = For use with pendant or cantilever (ordered separately)

5 Finish

02 = Semigloss white

08 = Semigloss black

81 = Anodized optical housing/heat sink, black trim

99 = Custom RAL or computer matched color to be specified; consult sales representative

6 Voltage/Driver

Electronic Driver

Electronic Dimming Driver*

8 = 120-277V

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)

SV = Short visor

V0 = Cutoff visor

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

XX = For modification not listed, include detailed description. 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 **2H** = 2700K, 90+ CRI **30** = 3000K, 80+ CRI **3H** = 3000K, 90+ CRI

35 = 3500K, 80 + CRI

40 = 4000K, 80+ CRI **4L** = 4000K, 70+ CRI

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

10 Remote Driver Options**

00 = Non-dimming

TE = LighTech 120-277V input, dimming range 100-10%, line voltage 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

EL = eldoLED SOLOdrive 120-277V input, dimming range 100%-0.1%, 0-10V controls by others. 4 output channels drives up to 4 luminaires; consult factory prior to specifying.
Note: EL is not suitable for MRI use (0M option).

L3 = Lutron A-Series 3D 120-277V input, dimming range 100%-1%, Lutron EcoBus dimming (controls by others)

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

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

Refer to Driver Information document MA-1303

Example

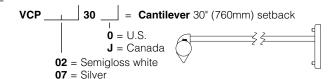
S099-M007-E-08-M-00-0-2H-ZX

Xtra small fluted surface mounted LED, extruded aluminum driver housing, heat sink/housing, decorative end plates finished semigloss black. Remote 120-277V 700mA dimming driver compatible with 0-10V controls by others, dims to 5% power, UL listed or CSA certified for U.S., dry location. 2700K/90+ CRI.

Type:

Accessories

Order separately. See Accessories Section for specifications.





02 = Semigloss white

08 = Semigloss black

07 = Silver

08 = Semigloss black

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



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.



