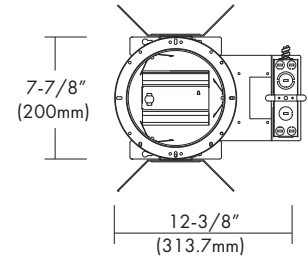
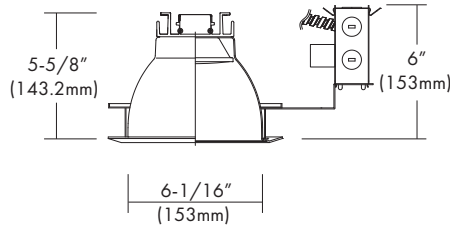


M600/MCLR6W

120V-277VAC LED 6", Non-IC, Architectural Frame-in Kit
Down Light with interchangeable Reflector Trims



Ceiling Cut-out : 6"-1/2"

Catalog		Type
Project		Date
Prepared		



6" LED Architectural Frame-in Kit

DESCRIPTION

The M600-MCLR6W is a 6" LED Architectural frame-in Kit and is available with multiple Trim styles. Designed for use in non-insulated ceilings, Insulation material must be kept a minimum of 3" from fixture. Available with a 14W, 23W, 30W or 45W high efficacy LED engine and universal, dimmable drivers. The special optical diffuser produces high lumen transmission and even illumination. Suitable for Wet Locations.

DESIGN FEATURES

Mounting Ring

- 20-gauge CRS mounting ring, painted black. The 1-5/8" deep collar may be used with various ceiling material thicknesses.

LED Module & Trim

- Painted, extruded aluminum heat sink designed to facilitate efficient heat dissipation for superior thermal management and reliability.
- LED engine includes LED, heat sink and lens assembly.
- Heavy gauge aluminum reflector anodized in clear haze or white paint finishes. Multiple trim styles and finishes are available.

LED Driver

- Universal, 120~277V input, high efficacy drivers with dimming capability by a Triac 120V low voltage electronic dimmer switches or 0-10V, Triac & ELV dimmer switches.
- Drivers feature power factor >.90, THD <20% with integral thermal protection to sense over temperature or electrical issues.
- Driver mounts externally to the module to allow future replacement or upgrading if desired.

Mounting Channel Bracket

- Commercial mounting kit provides up to 5" vertical adjustment and accommodates 1/2" EMT conduit. Optional HB-24 or HBC-24 bar hanger or lathing channels for T-bar grid or concealed spline ceiling are also available.

Junction Box

- Listed for through branch circuit wiring. (Max.8 No 12 AWG 90 C branch circuit conductors: 4 in, 4 out)
- (5) 1/2" knockouts with pry-out slots and (4) knockouts with Romex cable clamps.
- Ground wire provided on J-box.

Options

- Emergency battery back-up : Available in mounted to fixture or remote adjacent to luminaire (consult with factory for space requirements).

Limited Warranty

- LED Module: 5 years/50K hours
- Product/Driver: 3 years

Listing

- cETLus Wet Location
- ENERGY STAR
- California Title 24

SPECIFICATION

Input Voltage	120-277VAC			
Wattage (+/-5%)	14W	23W	30W	45W
Lumen (+/-5%)	1,331	2,180	2,700	4,135
Efficacy (LPW)	95.1	94.8	93.1	91.9
Beam Angle	75°	75.5°	77°	76.2°
CRI (Typical)	80, 90			
CCT (Color +/-5%)	2700K, 3000K, 3500K, 4000K			
Dimming	Triac (Standard), 0-10V			
LED Module	5 yr/50K hr			
Environment	Wet Location			

Triac Approved Dimmers

- * Lutron : NovaT (Ntely 300 & 600)
Diva (Dvelv-300P & 303P)
- * Leviton : Acanti: Ate06-1Lw
- * Leviton Trimatron #705W (incandescent)

0-10V Approved Dimmers

- * Lutron : Nova® 0-10V : NTFTV
Diva® 0-10V : DVTV
- * Leviton : Decora 0-10V : IP710DL

Consult tech. service or factory for additional dimmers

* Provided: Easy-quick connector case (patent pending)



M600/MCLR6W

120V-277VAC LED 6", Non-IC, Architectural Frame-in Kit
Down Light with interchangeable Reflector Trims

Catalog		Type
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Prepared		

TRIM

* Wide beam reflector is standard. Also available narrow beam in reflector(consult with factory).



MCLR6W-HC
Specular Open Reflector

MCLR6W-B
Baffle w / Reflector

MCLR6W-BL
Baffle w /
Regressed Lens

MCLR6W-CL
Reflector w /
Regressed Lens

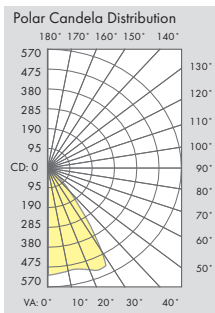
MCLR6W-HCW
Wall Wash w /
Reflector Plate

MCLR6W-DL
Reflector w /Frosted
Floating Lens

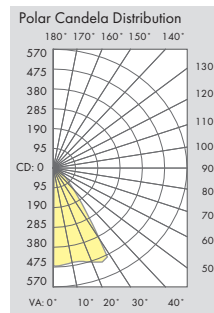
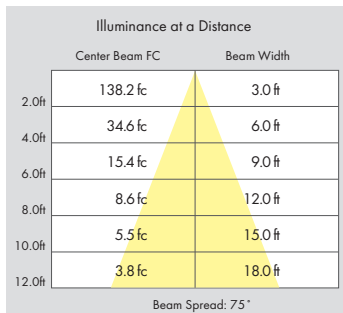
* All trims are rated for damp location and regressed lens trims are wet location listed.

PHOTOMETRIC REPORT

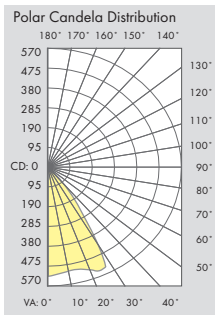
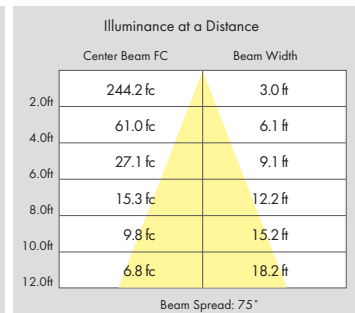
* Contact Factory for IES File



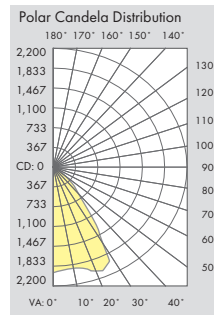
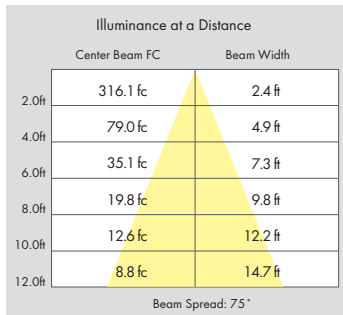
[MCLR6W-HC-14-830]



[MCLR6W-HC-23-830]



[MCLR6W-HC-30-830]



[MCLR6W-HC-45-830]

Ordering Information

Housing	-Watts	-CRI	Color Temp. **	Driver*	Trim	-Reflector Finish**	Baffle Finish for MCLR6W-B & BL	Optional Metal Trim Ring Finish
M600 = 6", Non-IC,	-14 = 14W -23 = 23W -30 = 30W -45 = 45W	-8 = 80 -9 = 90	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	Z10 = 120/277V, 0-10V Dimming Z = 120/277V, Tri-Mode (0-10V/Triac/ELV) LUTRON LDE1 = Hi-Lume 1% EcoSystem Fade to Black Dimming LTE = Hi-Lume 1% 2-Wire Dimming 120V PEQ01 = Hi-Lume Premier 0.1% EcoSystem Fade to Black Dimming (For 23W or less only) * Option : Emergency (Non-IC only) -EM = Emergency Battery Backup	MCLR6W-HC MCLR6W-B MCLR6W-BL MCLR6W-CL MCLR6W-HCW MCLR6W-DL	-HC = Haze Clear -WH = White Painted	-WH = White -BK = Black	-WH = White Plastic Trim Ring (Standard) -WMR = White Metal Ring -SN = Satin Nickel -CH = Chrome -SF = Polished Self-Flange (for Open or Wall Wash Reflectors ONLY)

Example : MCLR6W-14-830-Z

HC-WH

** Consult factory for other Color Temperatures and Finishes