

APPLICATIONS

Our 9" flat frame-in kit with LED module and integral reflector is designed for use in non-insulated ceilings. Insulation material must be kept a minimum of 3" from the fixture. The high efficiency LED module combined with a specially designed optical diffuser provides high transmission and uniform light distribution.

FEATURES & BENEFITS

Mounting Frame

- ◆ Galvanized steel construction.
- ◆ Housing adjusts for ceilings up to 1 - 1/4" thick.

LED Module & Trim

- ◆ Aluminum extruded heat sink designed to facilitate heat dissipation to reduce LED junction temperature for maintaining light output, color and life of solid state components
- ◆ Modular construction includes LED, heat sink and lens
- ◆ Heavy gauge aluminum reflector anodized in clear, haze, gold, champagne and pewter color finish. Reflectors may be available with black or white milled groove baffle collar.

Bar Hangers

- ◆ 24" bar hangers provide stability and support on joists and T-Bar grid ceilings
- ◆ Housing can be positioned at any point within 24" joist span.
- ◆ Score lines allow "toolless" shortening for 12" joists.

LED Power Supply Driver

- ◆ 120-277V input high efficiency drivers with the capability to dim by 1) Triac 120V low voltage electronic dimmer switches 2) 0-10 dimmer switches
- ◆ Driver feature power factor >.90, THD <20% and has integral thermal protection to sense over temperature and electrical issues
- ◆ Driver mounts externally to the module, allowing future replacement, if needed
- ◆ Consult with factory for optional 0-10V analog dimmable driver.



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 true pry-out slots and (4) knockouts with Romex cable clamp.
- ◆ Ground wire provided on J-box.

Options

- ◆ Emergency battery backup; Available in mounted to fixture or remote adjacent to luminaire (consult with factory for exact application)

Warranty

- ◆ LED Module 5 years
- ◆ Driver 3 years

Listing

- ◆ ETL_{US} Listed wet location
- ◆ State of California Title 24
- ◆ Energy Star approved and listed



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

HOUSING ORDERING DATA

EXAMPLE: MDLEDH-CFK914830UTD

MDLEDH-CFK9

Series	Input Watts	CRI	Color Temp	Driver	Options					
MDLEDH-CFK9	14	14 Watts 935 Lumens	8	80 CRI	27	2700K	UTD	120-277V Triac Dimming (Std) (14W, 23W & 30W only)	EM	Emergency battery backup
	23	23 Watts 1700 Lumens	9	90 CRI	30	3000K		UZTD		120-277V
	30	30 Watts 2195 Lumens		35	3500K	0~10V Dimming**				
	45	45 Watts 3370 Lumens*		40	4000K					

*Only available w/ UZTD Driver option

** Only available w/ 45 Watt option

120V Triac Approved Dimmers

*Lutron: NovaT (Ntelv 300 & 600

Diva (Dvelv-300P & 303P)

*Leviton: Acenti: 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 factory for additional dimmers

Dimensions and specifications subject to change without notice.



◆ 800-444-WATT ◆ www.mobern.com ◆
8200 Stayton Dr., Ste. 500, Jessup, MD 20794

CAT#

JOB NAME

TYPE

TRIM - Wide beam reflector is standard. Also available in narrow beam in reflector (consult w/Factory)



MDLEDT-R94SF

MDLEDT-R914

MDLEDT-R941**

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

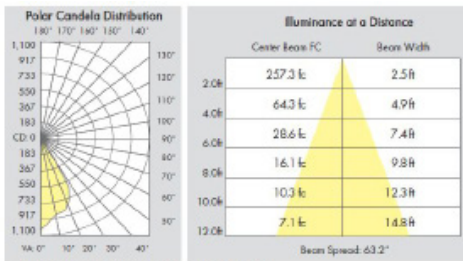
** Wet location

TRIM ORDERING DATA

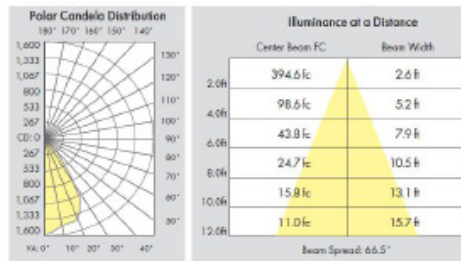
EXAMPLE: MDLEDT-R94HC

Trim	Reflector Finish*	Baffle Finish**	Optional Metal Trim Ring Finish***
MDLEDT-R94	HC Haze Clear	WH White	WH White Plastic Trim Ring (std)
MDLEDT-R914	WH White Painted	BK Black	WMR White Metal Ring
MDLEDT-R941			SN Satin Nickel
	*Consult factory for custom finishes	** For MDLEDT-R914 MDLEDT-R941	CH Chrome
			SF Polished Self-Flange (For open or wall wash reflectors only)
			***Optional

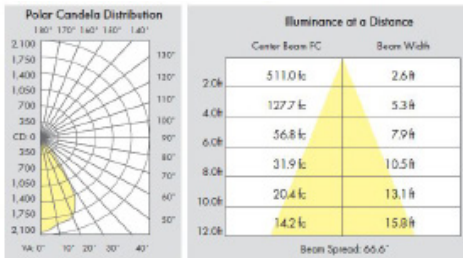
PHOTOMETRIC REPORT



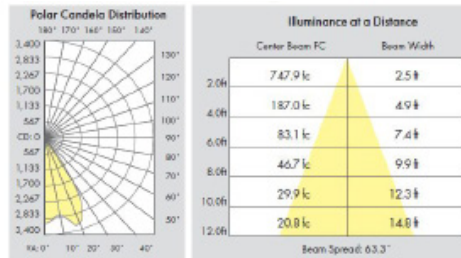
MDLEDH-CFK9-14-830+MDLEDT-R94



MDLEDH-CFK9-23-830+MDLEDT-R94

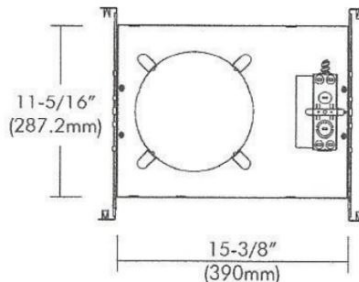
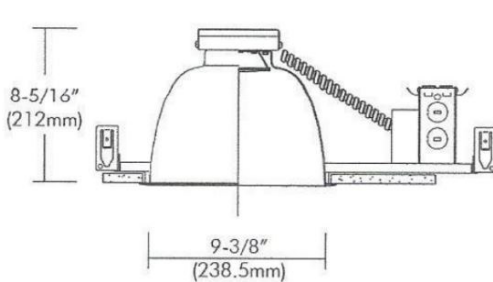


MDLEDH-CFK9-30-830+MDLEDT-R94



MDLEDH-CFK9-45-830+MDLEDT-R94

Dimensions



Dimensions and specifications subject to change without notice.

