

APPLICATIONS

6" flat frame-in kits combined with LED module and integral reflector. This is designed for use in non-insulated ceiling. Insulation material must be kept a minimum of 3" from fixture. Provided in high efficacy LED with dimmable driver and the special optical diffuser allows high lumen transmission and light uniformity.

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 constant 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.
- ◆ 75° beam angle

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 ability to dim by 1) Triac 120V low voltage electronic dimmer switches 2) 0-10V dimmer switches
- ◆ Driver feature power factor >.90, THD <20% and has integral thermal protection to sense over temperature or 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 mounted to fixture or remote adjacent to luminaire (consult with factory for exact application)

Warranty

- ◆ LED module 5 years
- ◆ Driver 3 years

Listing

- ◆ cETL_{us} Listed Wet Location
- ◆ State of California Title 24.
- ◆ Energy Star Approved & Listed



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

HOUSING ORDERING DATA

EXAMPLE: MDLEDH-CFK61430UTDLED

MDLEDH-CFK6

Series	Wattage / Lumens	CRI	Color Temp	Driver	Options
MDLEDH-CFK6	14 14 Watts 950 Lumens	8 80 CRI	27 2700K	UTD 120-277V Triac Dimming (14,23,30 Watt only)	EM Emergency battery backup
	23 23 Watts 1790 Lumens	9 90 CRI	30 3000K		
	30 30 Watts 2235 Lumens		35 3500K	UZTD 120-277V 0-10V Dimming	
	45 45 Watts 3220 Lumens		40 4000K		

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	

TRIMS *Wide beam reflector is standard. Also available in narrow beam in reflector. (Consult w/factory)

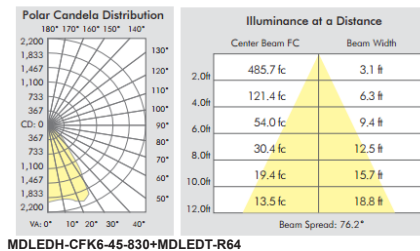
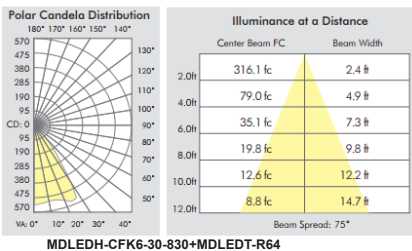
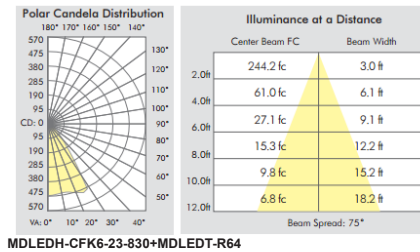
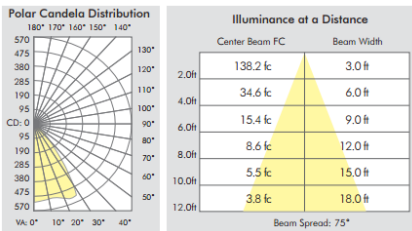


TRIM ORDERING DATA

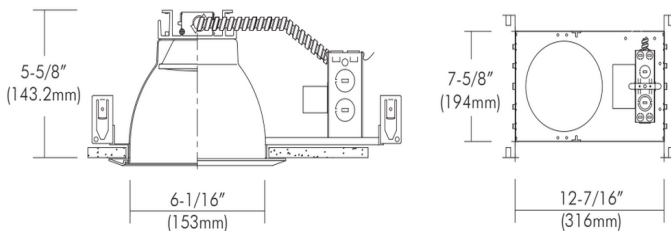
EXAMPLE: MDLEDT-R64HC

Trim	Reflector Finish*	Baffle Finish**	Metal Ring Finish
MDLEDT-R64 MDLEDT-R614 MDLEDT-R641 MDLEDT-R622 MDLEDT-R636 MDLEDT-R640	HC Haze Clear WH White Painted *Consult with factory for custom finishes	WH White BK Black **LEDT-R614 & R641 only	Blank White Plastic Ring (std) WH White Metal Ring SN Satin Nickel CH Chrome SF Polished Self Flange (For open and wall wash reflectors only)

PHOTOMETRIC REPORT



DIMENSIONS



Ceiling Cut-out : 6-1/2"

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