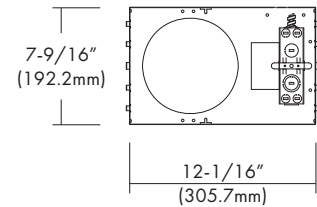
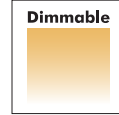
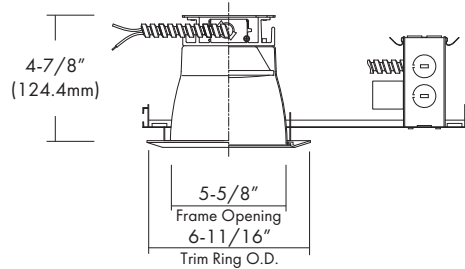


LEDH-CFK5-G2

120V-277VAC LED 5", Non-IC, Commercial Flat Frame-in Kit
Down Light with interchangeable Reflector Trims

Catalog #		Type
Project		Date
Prepared by		

5" LED Commercial Flat Frame-in Kit



DESCRIPTION

The LEDH-CFK5-G2 is a 5" LED, Non-IC Commercial Flat 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 10W, 14W, 22W or 32W, 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 Frame

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

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 point finishes. Multiple trim styles and finishes are available.

LED Driver

- Universal, 120-277 VAC input, high efficiency dimming drivers with ① Triac/ELV dimmer switches or ② Triac/ELV/0-10V 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.
- Optional Lutron Hi-lume 1%, LED drivers are available. Lutron drivers provide flicker-free, smooth, continuous dimming down to 1%. (Contact factory for dimming system requirements)

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.

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 spacing.
- Score lines allow easy "bend & snap-off" shortening for 12" joist spacing.

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

- California Title 24
- cCSAus

SPECIFICATION				
Input Voltage	120-277VAC			
Wattage (+/-5%)	10W	14W	22W	32W
Lumen (+/-5%)	1,000lm	1,400lm	2,200lm	3,200lm
Efficacy (LPW)	100lm/W	100lm/W	100lm/W	100lm/W
Beam Angle	67.7°	67.7°	69.3°	69.3°
CRI (Typical)	80, 90			
CCT (Color +/-5%)	2700K, 3000K, 3500K, 4000K			
Available Dimming	Triac/ ELV/ 0~10V/ Lutron			
LED Module	5 yr/50K hr			
Environment	Damp Location Rated			

Triac/ELV/0-10V Approved Dimmers

* Lutron:

Triac: Skylark S-600
ELV: NovaT NTELV-300 & 600
Diva DVELV-300P & 303P
Maestro MAELV-600
Skylark SEL-VB-300P

0-10V:

Diva DDTV
Diva DVSTV-IV
CFL/LED: Diva DVCL-253P
Ariadni AYCL-253P

* Leviton:

Triac: Trimatron #705W
ELV: IPE04-1L (ELV)
Acenti: ATE06-1LW

* Consult tech. service or factory for additional dimmers

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



01/31/2024



TRIM

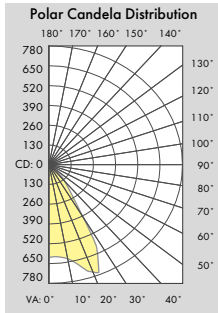


LEDT-R554

Specular Open Reflector

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

PHOTOMETRIC REPORT * Contact Factory for IES File

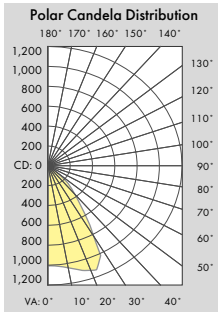


Illuminance at a Distance

	Center Beam FC	Beam Width
2.0ft	149.8 fc	2.7 ft
4.0ft	37.4 fc	5.4 ft
6.0ft	16.6 fc	8.1 ft
8.0ft	9.4 fc	10.7 ft
10.0ft	6.0 fc	13.4 ft
12.0ft	4.2 fc	16.1 ft

Beam Spread: 67.7°

[LEDH-CFK5-G2-14-830+LEDT-R44]



Illuminance at a Distance

	Center Beam FC	Beam Width
2.0ft	250.4 fc	2.8 ft
4.0ft	62.6 fc	5.5 ft
6.0ft	27.8 fc	8.3 ft
8.0ft	15.6 fc	11.1 ft
10.0ft	10.0 fc	13.8 ft
12.0ft	7.0 fc	16.6 ft

Beam Spread: 69.3°

[LEDH-CFK5-G2-22-830+LEDT-R44]

Ordering Information

Model

LEDH-CFK5-G2 = 5", Non-IC, Commercial Flat Frame-in Down Light Kit

-Watts

- 10 = 10W (UZTD & UTMD Driver Only)
- 14 = 14W
- 22 = 22W
- 32 = 32W

-CRI

- 8 = 80
- 9 = 90

Color Temp.**

- 27 = 2700K
- 30 = 3000K
- 35 = 3500K
- 40 = 4000K

Driver*

- UTD** = 120~277VAC, Triac/ELV Dimming (14, 22 & 32W Only)
- UZTD** = 120~277VAC, 0~10V Dimming (10, 14, 22 & 32W Only)
- UTMD** = 120~277VAC, Tri-Mode(0~10V/Triac/ELV) Dimming (10, 14, 22 & 32W)
- LDE1** = **LUTRON** Hi-lume 1% EcoSystem FadeToBlack
- PEQ01** = **LUTRON** Hi-lume Premier 0.1% EcoSystem FadeToBlack (For 23W or less only)

*Option : Emergency

- EM = Emergency Battery Backup with Remote Test Switch

Trim

LEDT-R554

-Reflector Finish**

- HC = Haze Clear
- WH = White Painted

Optional Metal Trim Ring Finish

- WH = White Plastic Trim Ring (Standard)

** Consult factory for other Color Temperatures and Finishes