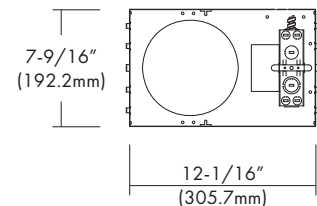
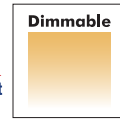
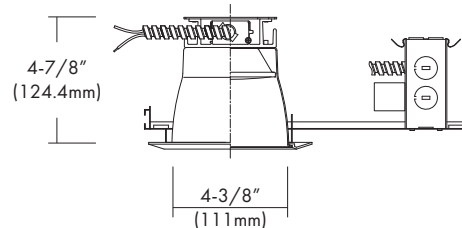


# LEDVH-CFK4-G2

120V-277VAC LED 4", Non-IC, Commercial Flat Frame-in Kit  
Down Light with interchangeable Reflector Trims

## 4" LED Commercial Flat Frame-in Kit



Ceiling Cut-out : 5"

### DESCRIPTION

The LEDVH-CFK4-G2 is a 4" 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 paint finishes. Multiple trim styles and finishes are available.

#### LED Driver

- Universal, 120-277V input, high efficacy drivers with dimming capability by ① a Triac 120V low voltage electronic dimmer switches or ② 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.
- Optional Lutron Hi-lume A-Series, LED drivers and EcoSystem 5-Series LED drivers are available. Lutron drivers provide flicker-free, smooth, continuous dimming down to 1% for Hi-lume and 5% for EcoSystem. (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

- cETLus Wet Location
- California Title 24

SPECIFICATION				
Input Voltage	120-277VAC			
Wattage (+/-5%)	10W	14W	22W	32W
Lumen (+/-5%)	1,000lm	1,400lm	2,200lm	3,200lm
Efficacy (LPW)	100 lm/W	100 lm/W	100 lm/W	100 lm/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/ DALI/ Lutron			
LED Module	5 yr/50K hr			
Environment	Damp & Wet Location			

#### Triac Approved Dimmers

- \* Lutron: NovaT (Nielv 300&600)  
Divia (Dvelv-300P&303P)
- \* Leviton: Acenti: Ate06-1Lw
- \* Leviton Trimatron #705W (incandescent)

#### 0-10V Approved Dimmers

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

**Consult tech. service or factory for additional dimmers**

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



TRIM



**LEDT-R44**  
Specular Open Reflector

**LEDT-R414**  
Baffle w / Reflector

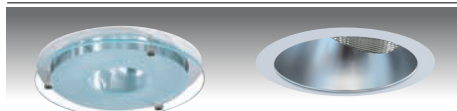
**LEDT-R441**  
Baffle w / Regressed Lens



**LEDT-R422**  
Reflector w / Regressed Lens

**LEDT-R436**  
Wall Wash w / Reflector Plate

**LEDT-R440**  
Reflector w / Frosted Floating Lens



**LEDT-R450**  
Reflector with Frosted 3.5" Center Hole Lens

**\* LEDT-4SR**  
Optional Sloped Ceiling Adaptor

\*Wide beam reflector is standard. Also available narrow beam in reflector(consult with factory).  
\*All trims are rated for damp location and regressed lens trims are wet location listed.  
\*LEDT-R441 & LEDT-R422 are suitable and rated for shower location.

Ordering Information

Model

LEDVH-CFK4-G2 = 4", 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  
LTE = LUTRON. Hi-lume 1% 2-Wire Dimming  
PEQ01 = LUTRON. Hi-lume Premier 0.1% EcoSystem FadeToBlack (For 23W or less only)  
UDALI = Universal DALI Dimming to 1%

\*Option : Emergency

-EM = Emergency Battery Backup with Remote Test Switch

Trim

LEDT-R44  
LEDT-R414  
LEDT-R441  
LEDT-R422  
LEDT-R436  
LEDT-R440  
LEDT-R450

\*Option :

-LEDT-4SR = Sloped Ceiling Adaptor

-Reflector Finish\*\*

-HC = Haze Clear  
-WH = White Painted

Baffle Finish for LEDT-R414 & R441

-WH = White  
-BK = Black

Optional Metal Trim Ring Finish

-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)

\*\* Consult factory for other Color Temperatures and Finishes