

LEDH-AFK4

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



DESCRIPTION

The LEDH-AFK4 is a 4" LED, Non-IC, 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 or 23W, 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 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)

Mounting Channel Bracket

- Commercial mounting kit provides up to 5" vertical adjustment and accommodates 1/2" EMT conduit. Optional HBC-24 bar hanger 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

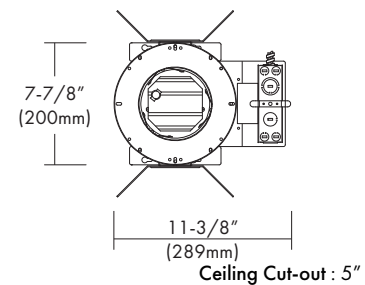
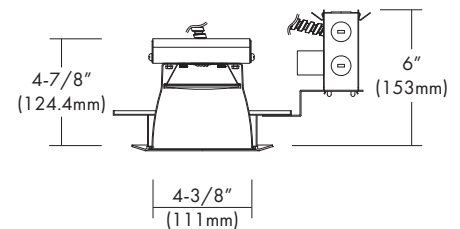
- LED Module: 5 years/50K hours
- Product/Driver: 3 years

Listing

- cETLus Wet Location
- ENERGY STAR
- California Title 24



Dimensions



SPECIFICATION	
Input Voltage	120-277VAC
Wattage (+/-5%)	14W 23W
Lumen (+/-5%)	950lm 1,740lm
Efficacy (LPW)	67.9lm/W 75.6lm/W
Beam Angle	67.7° 69.3°
CRI (Typical)	80, 90
CCT (Color +/-5%)	2700K, 3000K, 3500K, 4000K
Dimming	0-10V, ELV & TRIAC Optional Lutron Drivers
LED Module	5 yr./50K hr
Environment	Wet Location

Triac Approved Dimmers

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

0-10V Approved Dimmers

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

Consult tech. service or factory
for additional dimmers

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



Job Name: _____

Type: _____

Part #: _____

Notes: _____

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

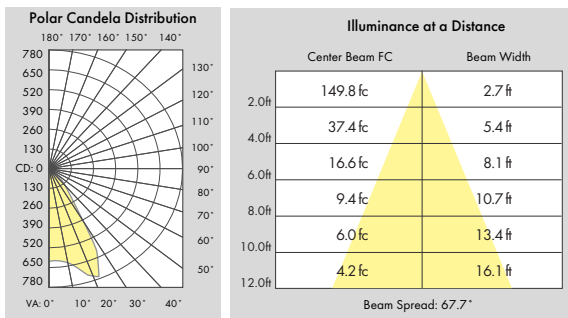


LEDT-R450

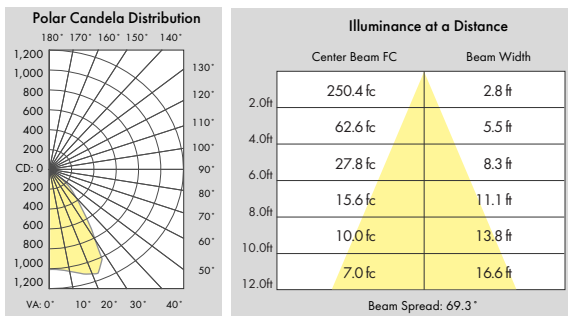
Reflector with Frosted 3.5" Center Hole Lens

- * 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.

PHOTOMETRIC REPORT



[LEDH-AFK4-14-830+LEDT-R44]



[LEDH-AFK4-23-830+LEDT-R44]

* Contact Factory for IES File

Ordering Information

Housing

LEDH-AFK4 = 4", Non-IC, Architectural Frame-in Down Light Kit

-Watts

-14 = 14W
-23 = 23W

-CRI

-8 = 80
-9 = 90

Color Temp. **

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

Driver*

UTD = 120~277VAC, Triac: 10-100% Dimming
UZTD = 120~277V, 0-10V, Triac & ELV: 1-100% Dimming
L1D = Lutron Hi-lume 1% dimming
L5D = Lutron EcoSystem 5% dimming
LTE = Lutron Hi-lume 1% 2-Wire dimming

*Option

-EM = Emergency Battery Backup

Trim

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

-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)