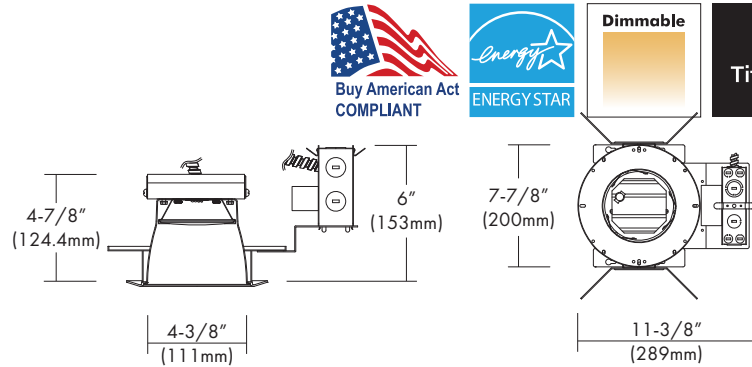


LEDH-AFK4

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

Catalog #		Type
Project		Date
Prepared by		

4" LED Architectural Frame-in Kit



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

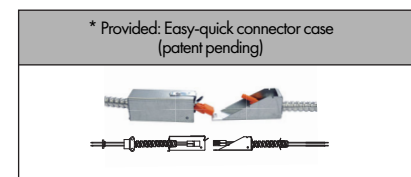
- LED Module: 5 years/50K hours
- Product/Driver: 3 years

Listing

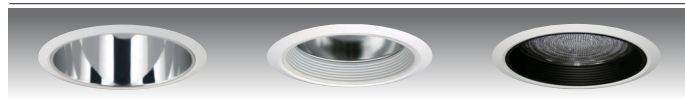
- cETLus Wet Location
- ENERGY STAR
- California Title 24

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



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

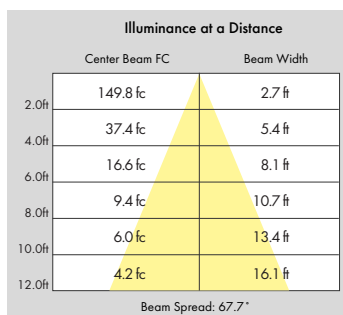
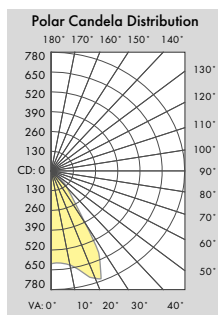
Reflector with Frosted 3.5"
Center Hole Lens

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

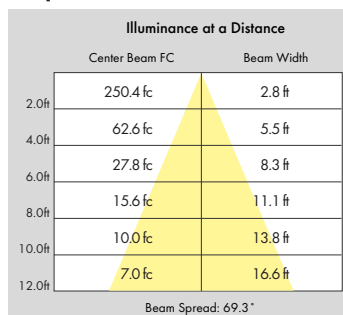
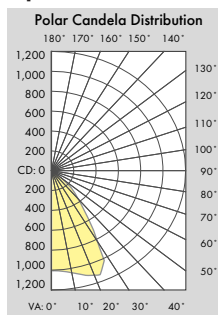
* All trims are rated for damp location and regressed lens trims are wet location listed.

* 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)

** Consult factory for other Color Temperatures and Finishes