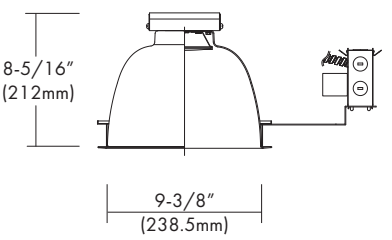
Catalog #		Type
Project		Date
Prepared by		

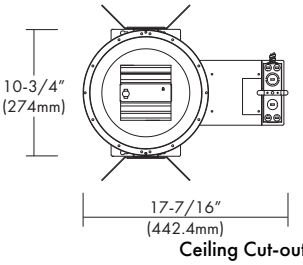
LEDH-AFK9-G2

120V-277VAC LED 9", Non-IC, Architectural Frame-in Kit
Down Light with interchangeable Reflector Trims

9" LED Architectural Frame-in Kit

Buy American Act COMPLIANT | ENERGY STAR | Dimmable | CA Title 24





Ceiling Cut-out : 9"-3/4"

DESCRIPTION

The LEDH-AFK9-G2 is a 9" 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 10W,14W, 22W, 32W or 44W, 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, 120~277 VAC input, high efficiency dimming drivers with ① Triac/ELV dimmer switches or 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 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℃ 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
- California Title 24
- cCSAus
- ENERGY STAR

SPECIFICATION					
Input Voltage	120-277VAC				
Wattage (+/-5%)	10W	14W	22W	32W	44W
Lumen (+/-5%)	1,000lm	1,400lm	2,200lm	3,200lm	4,400lm
Efficacy (LPW)	100lm/W	100 lm/W	100 lm/W	100 lm/W	100 lm/W
Beam Angle	67.7°	75°	75.5°	77°	77°
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 & Wet Location				

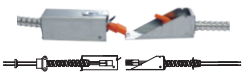
① Triac/ELV/0-10V Approved Dimmers

*** Lutron:**
Triac: Skylark S-600
ELV: NovaT NTELV-300 & 600
Diva DVELV-300P & 303P
Maestro MAELV-600
Skylark SEL-VB-300P
0-10V: Diva DVTV
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)



TEL: 856-234-2211 FAX: 856-234-0881 www.lum-tech.com

LUM-TECH LIGHTING

TRIM

LEDT-R94
Specular Open Reflector

LEDT-R914
Baffle w / Reflector

LEDT-R941
Baffle w / Regressed Lens

LEDT-R940
Reflector w / Frosted Floating Lens

LEDT-R922
Reflector w / Regressed 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-R941 is suitable and rated for shower location.

Ordering Information

Housing _____

LEDH-AFK9-G2 = 9", Non-IC, Architectural Frame-in Down Light Kit

-Watts _____

-10 = 10W (UZTD & UTMD Driver Only)
-14 = 14W
-22 = 22W
-32 = 32W
-44 = 44W

-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, 32 & 44W)
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 _____
-IEM = Integral Emergency Battery Backup
-BIEM = BODINE BSL06M5 Emergency Battery Backup with Integral Test Switch

Trim _____

LEDT-R94
LEDT-R914
LEDT-R941
LEDT-R940
LEDT-R922

-Reflector Finish** _____

-HC = Haze Clear
-WH = White Painted

Baffle Finish for LEDT-R914 & R941 _____

-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