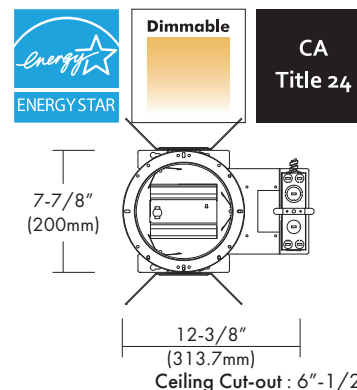
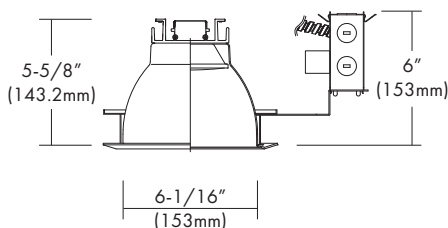


LEDH-AFK6

120V-277VAC LED 6", Non-IC, Architectural Frame-in Kit
Down Light with interchangeable Reflector Trims

Catalog #		Type
Project		Date
Prepared by		

6" LED Architectural Frame-in Kit



DESCRIPTION

The LEDH-AFK6 is a 6" LED Architectural 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, 23W, 30W or 45W 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 or HBC-24 bar hanger or lathing channels 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	30W	45W
Lumen (+/-5%)	950	1,790	2,235	3,220
Efficacy (LPW)	67.9	77.8	74.5	71.5
Beam Angle	75°	75.5°	77°	76.2°
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)
Diva (Dvelv-300P&303P)
- * Leviton: Acenti: Ate06-1Lw
- * Leviton Trimatron #705W (incandescent)

0-10V Approved Dimmers

- * Lutron: Nova® 0-10V : NTFTV
Diva® 0-10V : DDTV
- * Leviton: Decora 0-10V : IP710DL

Consult tech. service or factory
for additional dimmers

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



6" LED Architectural Frame-in Kit

HOUSING COMPATIBILITY for the LEDH-AFK6 RETROKIT ONLY

LEDH-AFK6 ETL Listed for installation in the following Lumtech standard architectural housings;

- **6"** : FH-VC6, FH-VA6, FH-VAR6, FH-HC6, FH-HA6, FH-HAR6, IH-VF6150, IH-VA6150, IH-VAR6150, IH-HA6150, IH-HAR6150, MH-VF6, MH-VA6, MH-VAR6, MH-HF6, MH-HA6, MH-HAR6

LEDH-AFK6 ETL Listed for retrofit in the following 6" architectural housing;

- **Halo** : PD6V142E, PD6V120, PD6V501E, PD6V701E, PD6V1001E
- **Juno** : CV6-118T, CV6-126Q, CV6-126/32T, TC906, MX6-(50,70,100), M6-(70,100)
- **Lithonia** : LP6F, CCR62, LP6H, LP6, LV

TRIM

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



LEDT-R64
Specular Open Reflector

LEDT-R614
Baffle w / Reflector

LEDT-R641
Baffle w /
Regressed Lens

LEDT-R622
Reflector w /
Regressed Lens

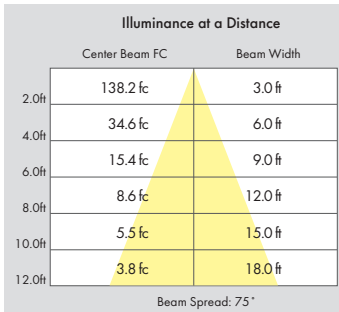
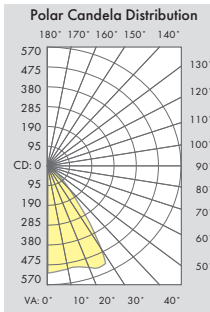
LEDT-R636
Wall Wash w /
Reflector Plate

LEDT-R640
Reflector w /
Frosted Floating Lens

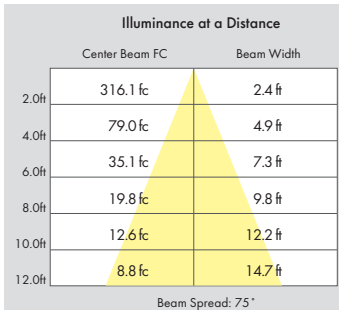
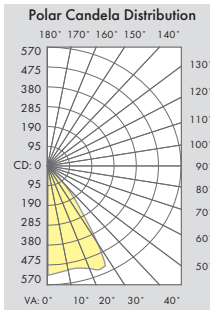
* All trims are rated for damp location and regressed lens trims are wet location listed.

PHOTOMETRIC REPORT

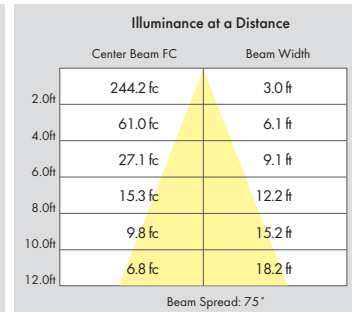
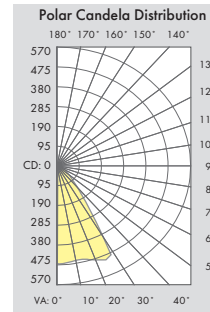
* Contact Factory for IES File



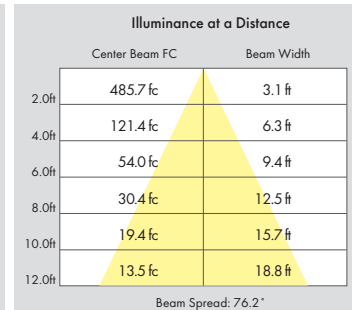
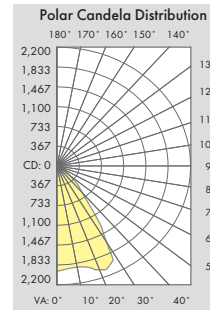
[LEDH-AFK6-14-830+LEDT-R64]



[LEDH-AFK6-30-830+LEDT-R64]



[LEDH-AFK6-23-830+LEDT-R64]



[LEDH-AFK6-45-830+LEDT-R64]

Ordering Information

Model	-Watts	-CRI	Color Temp.**	Driver*	Trim	-Reflector Finish**	Baffle Finish for LEDT-R614 & R641	Optional Metal Trim Ring Finish
LEDH-AFK6 = 6", Non-IC, Architectural Frame-in Down Light Kit	-14 = 14W	-8 = 80	27 = 2700K	UTD = 120~277VAC, Triac: 10-100% Dimming (14, 23 & 30W only) UZTD = 120~277V, 0-10V, Triac & ELV: 1-100% Dimming L1D = Lutron Hi-Lume 1% Dimming L5D = Lutron EcoSystem 5% Dimming *- Option -EM = Emergency battery backup	LEDT-R64	-HC = Haze Clear	-WH = White	-WH = White Plastic Trim Ring (Standard)
	-23 = 23W	-9 = 90	30 = 3000K		LEDT-R614	-WH = White Painted	-B K = Black	-WMR = White Metal Ring
	-30 = 30W		35 = 3500K		LEDT-R641			-SN = Satin Nickel
	-45 = 45W		40 = 4000K		LEDT-R622			-CH = Chrome
					LEDT-R636			-SF = Polished Self-Flange (for Open or Wall Wash Reflectors ONLY)
					LEDT-R640			

Example : **LEDH-AFK6-14-830UTD**

LEDT-R64-HC-WH

** Consult factory for other Color Temperatures and Finishes