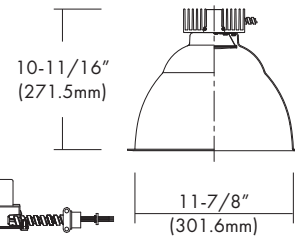
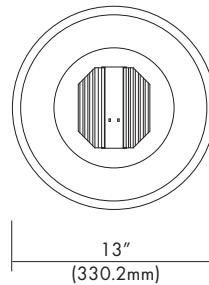


LED-ARFK9-L-G2 (12")

120V-277VAC LED 12", Non-IC, Architectural RetroKit Down Light

Catalog #		Type
Project		Date
Prepared by		

12" Architectural LED



Ceiling Cut-out : 12-1/2"

DESCRIPTION

The LED-ARFK9-L-G2 is an Architectural grade, Non-IC, LED Recessed Downlight Retrofit and is available with Reflector finishes in Haze Clear or White Paint. It is compatible with existing 12" architectural Incandescent, Fluorescent and Metal Halide housings measuring at least 10-5/8" high with an inside diameter between 12-1/4" and 12-3/4". Available with a 10W, 14W, 22W, 32W or 44W high efficacy LED engine and universal, dimmable drivers. The optical diffuser produces high lumen transmission and even illumination. Suitable for Damp Locations.

DESIGN FEATURES

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.

LED Driver

- Universal, 120~277 VAC input, high efficiency dimming drivers with ① Triac/ELV dimmer switches or ② 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 Lutron Hi-lume 1%, LED drivers are available. Lutron drivers provide flicker-free, smooth, continuous dimming down to 1%. (Contact factory for dimming system requirements)

Electrical Connection

- Attach supply line to existing junction box through one of the knockouts provided in junction box. The existing socket whip and ballast can be set aside above the ceiling or removed completely.

Retrokit Mounting

- Designed for use with most existing 12-1/4" - 12-3/4" aperture architectural incandescent, fluorescent and metal halide housings. Supplied with flexible metal conduit for connection to existing electrical junction box. Existing frame-in kits mounting via friction springs or clips.

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 Damp Location
- ENERGY STAR
- California Title 24

SPECIFICATION					
Input Voltage	120-277VAC				
Wattage (+/-5%)	10W	14W	22W	32W	44W
Lumen (+/-5%)	1,000 lm	1,400 lm	2,200 lm	3,200 lm	4,400 lm
Efficacy (LPW)	100 lm/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/ DALI/ Lutron				
LED Module	5 yr/50K hr				
Environment	Damp Location Rated				

○ 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:

Divia 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)



11/18/2021



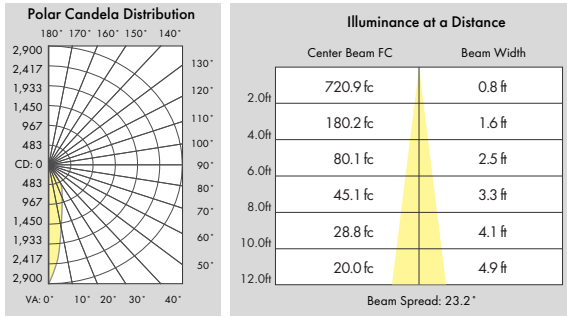
TRIM



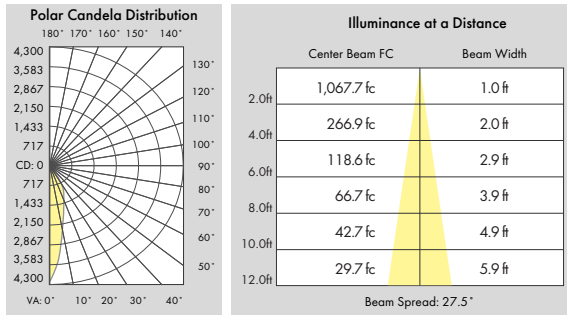
LEDT-R124
Open Reflector

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

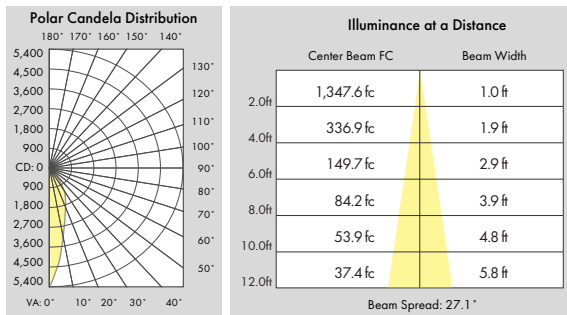
PHOTOMETRIC REPORT * Contact Factory for IES Files



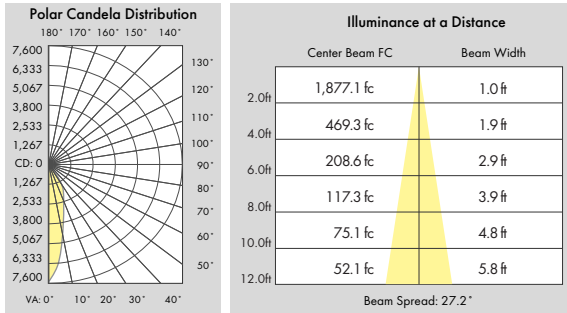
[LED-ARFK9-L-G2-14-830+LEDT-R124]



[LED-ARFK9-L-G2-22-830+LEDT-R124]



[LED-ARFK9-L-G2-32-830+LEDT-R124]



[LED-ARFK9-L-G2-44-830+LEDT-R124]

Ordering Information

Model _____
LED-ARFK9-L-G2 = 12", Non-IC, Architectural
 Down Light Retrofit

-Watts _____
-10 = 10W
-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
 (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
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 _____

Trim _____
LEDT-R124

-Reflector Finish** _____
-HC = Haze Clear
-WH = White Painted

** Consult factory for other Color Temperatures and Finishes

