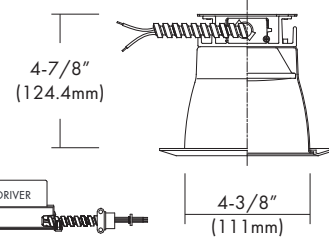
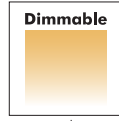
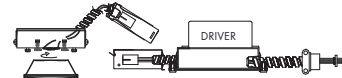
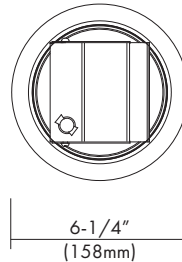


LED-ARFK4-G2

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

| | | |
|-------------|--|------|
| Catalog # | | Type |
| Project | | Date |
| Prepared by | | |

4" Architectural LED



Ceiling Cut-out : 5"

DESCRIPTION

The LED-ARFK4-G2 is an Architectural grade, LED Recessed Downlight Retrokit and is available with multiple Trim styles. It is designed for use with existing Lum-Tech 4" Architectural Incandescent, Fluorescent and Metal Halide Housings. It is also compatible with most 4" architectural housings measuring at least 4-7/8" high with an inside diameter between 4-1/2" and 5" (See Housing Compatibility section). Available with a 10W, 14W, 22W or 32W, high efficacy LED engine and universal, dimmable drivers. The optical diffuser produces high lumen transmission and even illumination. Suitable for Wet Locations.

DESIGN FEATURES

Reflector

- Heavy gauge aluminum reflectors available in various styles and finishes.

Heat Sink

- Painted, extruded aluminum heat sink designed to facilitate efficient heat dissipation for superior thermal management and reliability.

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 driver supply line to existing junction box through one of the knockouts provided in junction box. The existing socket whip and ballast (if any) can be set aside above the ceiling or removed completely. Connect Quick Connector from LED module to driver output connector and lock the two connector housings together.

Retrokit Mounting

- Designed for use with most existing 4-1/2" - 5" aperture architectural incandescent, fluorescent and metal halide housings. Supplied with flexible metal conduit for connection to existing electrical junction boxes. Existing frame-in kit 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

- California Title 24
- cCSAus

| SPECIFICATION | | | | |
|-------------------|----------------------------|----------|----------|----------|
| Input Voltage | 120-277VAC | | | |
| Wattage (+/-5%) | 10W | 14W | 22W | 32W |
| Lumen (+/-5%) | 1,000lm | 1,400lm | 2,200lm | 3,200lm |
| Efficacy (LPW) | 100lm/W | 100 lm/W | 100 lm/W | 100 lm/W |
| Beam Angle | 67.7° | 67.7° | 69.3° | 69.3° |
| 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 | | | |

○ 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: IPEO4-1L (ELV)
Acenti: ATEO6-1LW

* Consult tech. service or factory for additional dimmers

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

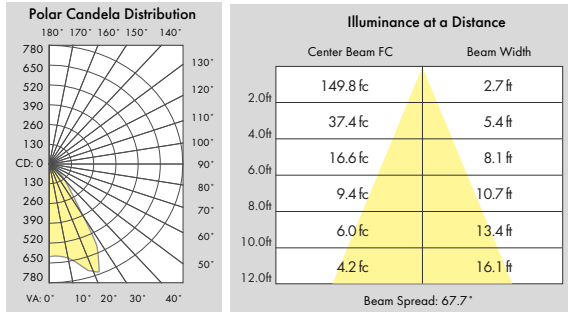


TRIM

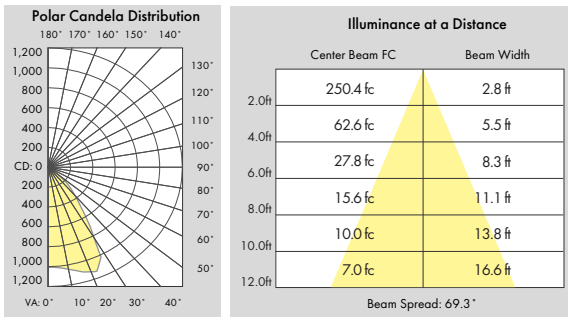


*Wide beam reflector is standard. Also available narrow beam in reflector(consult with factory).
 *All trims are rated for damp location and regressed lens trims are wet location listed.
 *LEDT-R441 & LEDT-R422 are suitable and rated for shower location.

PHOTOMETRIC REPORT * Contact Factory for IES File



[LED-ARFK4-G2-14-830+LEDT-R44]



[LED-ARFK4-G2-22-830+LEDT-R44]

Ordering Information

Model _____
 LED-ARFK4-G2 = 4", Non-IC, Architectural Down Light Retrofit

-Watts _____
 -10 = 10W
 -14 = 14W
 -22 = 22W
 -32 = 32W

-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 & 32W)
 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

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

*Option :
 -LEDT-4SR = Sloped Ceiling Adaptor

-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