



Commercial &  
Industrial Lighting



# LED DOWN LIGHTS

EXTERNAL DRIVER

9W, 12W, 20W



LED DOWNLIGHTS - EXTERNAL DRIVER

DESCRIPTION:

Krut LED™ Downlights are the correct light for your home or business. Downlights is easy to handle and install. It's Green and eco-friendly without mercury.

APPLICATIONS:

Office, Hotels, Residential and Commercial Luminaire



SPECIFICATION FEATURES



LISTING:

ETL / Energy Star Certification

WARRANTY:

3 Yrs Warranty

ORDER INFORMATION

| KL | BR | WATTAGE          | FDLE | COLOR TEMP                          | SIZE           |
|----|----|------------------|------|-------------------------------------|----------------|
| KL | BR | 9W<br>12W<br>20W | FDLE | 3K: 3000K<br>4K: 4000K<br>5K: 5000K | 4"<br>6"<br>8" |

OTHER DETAILS AND PRODUCT DIMENSIONS

To prevent injury or damage to property, this product must be installed in accordance to National Electrical Code (NFPA70) in the US or Canadian Electrical Code (CSA 22.1) in Canada.

Risk of fire or electric shock. The electrical rating of these products are 100-277 Vac, the installer must determine whether they have 100-277 V at the luminaire before installation.

Risk of fire or electric shock. Installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Disconnect power before installing the product or servicing it.

Wait until fixture has cooled down before installing or servicing the fixture.

Min. 90°c Supply Conductors

Warranty Period assumes that the Products are operated for less than 8 hours per day.

# LED DOWNLIGHTS - EXTERNAL DRIVER



## LIGHTING PARAMETERS

| Product Code          | KLBR09FDLEXX4I               | KLBR12FDLEXX6I               | KLBR20FDLEXX8I               |
|-----------------------|------------------------------|------------------------------|------------------------------|
| Wattage               | 9W                           | 12W                          | 20W                          |
| Color Temperature     | 3000K/4000K/5000K            | 3000K/4000K/5000K            | 3000K/4000K/5000K            |
| Application           | Indoor                       | Indoor                       | Indoor                       |
| CRI                   | >80                          | >80                          | >80                          |
| Energy Listing        | ETL / Energy Star            | ETL / Energy Star            | ETL / Energy Star            |
| Input Voltage         | 120V AC                      | 120V AC                      | 120V AC                      |
| Light Type            | Down Light - External Driver | Down Light - External Driver | Down Light - External Driver |
| Lumen                 | 680 LM                       | 1050 LM                      | 1350 LM                      |
| Lumen Efficacy        | 80lm/w~90lm/w                | 80lm/w~90lm/w                | 80lm/w~90lm/w                |
| Operating Humidity    | 20%-90% RH                   | 20%-90% RH                   | 20%-90% RH                   |
| Operating Temperature | -20°C To 45°C                | -20°C To 45°C                | -20°C To 45°C                |
| PFC                   | 0.9                          | 0.9                          | 0.9                          |
| Storage Temperature   | -30°C To 80°C                | -30°C To 80°C                | -30°C To 80°C                |
| Warranty              | 3 Years                      | 3 Years                      | 3 Years                      |
| Beam Angle            | 109.4°                       | 109.4°                       | 109.4°                       |
| Water Proof Rating    | Suitable For Dry Locations   | Suitable For Dry Locations   | Suitable For Dry Locations   |

## PRODUCT FEATURES

- Better Lumens & Longer Lamp Life.
- Easy installation to save labor cost.
- High lumen efficacy to save energy.
- Energy Star and ETL listed
- 50000h long life time
- 3 years/25000hrs warranty term.

## PRODUCT PACKAGING

| DIMENSION | CARTON SIZE              | QUANTITY  |
|-----------|--------------------------|-----------|
| 4"        | 15.2"L x 15.2"W x 13.6"H | 25pcs/CTN |
| 6"        | 15.4"L x 15.4"W x 14.0"H | 20pcs/CTN |
| 8"        | 22.5"L x 18.9"W x 13.2"H | 20pcs/CTN |