

Project

Date Product Code

Type

Designer



EPIC LED FTF DL/4

recessed IC LED downlight

COMPETITIVELY PRICED – COMPETITIVELY PRICED – COMPETITIVELY PRICED – COMPETITIVELY PRICED – COMPETITIVELY PRICED – COMPETITIVELY PRICED – COMPETITIVELY PRICED

FEATURES

- **EPIC LED FTF DL/4 is a 4" aperture LED downlight** designed for insulation contact (IC) and certified airtight under ASTM E283. Precise reflector design yields an optical efficiency of 90%, minimizes aperture brightness and provides a shielding angle of 40°.
- **Luminaire is powered by one of a number of Philips Fortimo DLM remote phosphor LED modules with a CRI of 90.** Luminaire may be specified with 2700K, 3000K or 3500K color. Refer to the performance tables on the reverse for system wattages and luminaire efficacies.
- **Other features include:**
 - life: 50,000 hours at 70% of initial light output (IESNA LM80-2008)
 - operational range: tolerates temperatures as low as -20° C (-4°F)
- **Reflector is available in two clear natural aluminum finishes** – semi-specular Alzak (C) or slightly diffuse (V) – as well as champagne gold and black. Other reflector finishes are available on special order.
- **EPIC LED FTF DL/4 includes a pair of residential mounting bars** extendable to 20" and designed for use in wood joists.
- **For more information, [click here.](#)**

APPLICATIONS

Luminaire is recommended for downlighting in commercial, retail and residential spaces where insulation is specified or likely to be retrofit into the ceiling plenum.

Luminaire is listed for direct contact with insulation, certified airtight under ASTM E283, and suitable for damp location. Luminaire is prewired, suitable for use in a fire rated ceiling, and approved for eight #12 wire 75° C branch circuit pull-through wiring. Luminaire is RoHS compliant. Removal of the reflector allows access to the driver and junction box.



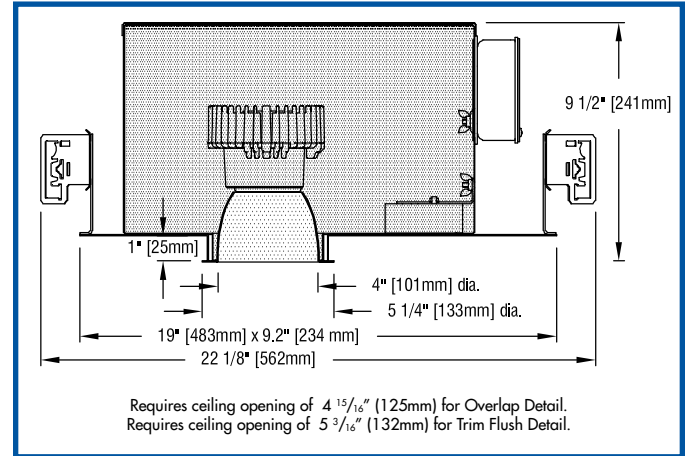
FULLY SUSTAINABLE

EPIC LED FTF DL/4 is fully sustainable. Both critical components – the LED module (diode array) and the driver (power conditioner) – can be replaced through the aperture with a screwdriver. Both components are, and will remain, available from Edison Price Lighting.

MODIFICATIONS AVAILABLE

Contact factory with quantity for pricing; orders may require shop drawing approval.

- **+2"CLG:** fixture suitable for installation in **2" thick ceiling**; add +2"CLG to Product Code.
- **+DOD:** luminaire suitable for **high humidity** environments; add +DOD to Product Code.
- **+FL:** reflector flush trim detail for metal or wood ceilings; add +FL to Product Code.
- **+MAR:** reflector suitable for **marine** environments; add +MAR to Product Code.



PRODUCT CODE

For complete product code, list basic unit and select one item from each following box.

| | |
|--|--------------|
| Basic Unit | EPIC-FTF-4DL |
| Light Source Output | |
| 1100 lumens | L11 |
| 1500 lumens | L15 |
| 2000 lumens | L20 |
| Driver | |
| dimmable to 1% by a 0-10V dimmer on 120 or 277-volt service | DMV-AD |
| dimmable to 1% SoftOn/FadeToBlack by a Lutron EcoSystem control, on 120-volt or 277-volt service ... | ECO-LU |
| dimmable to 1% by a 2-wire Lutron compatible dimmer | DMI-LU |
| eldoLED 0-10V (Logarithmic) driver dimmable to 0.1% with a 0-10V dimmer on 120 or 277-volt service | DVOELG |
| eldoLED 0-10V (Linear) driver dimmable to 0.1% with a 0-10V dimmer on 120 or 277-volt service | DVOELN |
| Light Engine Color | |
| 2700K (CRI 90) | 27K |
| 3000K (CRI 90) | 30K |
| 3500K (CRI 90) | 35K |
| Voltage: standard luminaire operates on either 120 or 277 service | |

| Reflector Color and Detail | Overlap Flange | Trim Flush* |
|---|----------------|-------------|
| Semi-specular Clear | COL | CTF |
| Slightly diffuse Clear | VOL | VTF |
| Champagne Gold | GOL | GTF |
| Black | BOL | BTF |
| Other reflector finishes available on special order. | | |
| Overlap Flange continues reflector finish. White painted flanges and custom painted flanges are available on special order. Add WF (white flange) or CCF (custom color flange). | | |
| *Trim Flush reflector trim requires the use of a plaster ring Accessory (see below). | | |

ACCESSORIES

Specify as a separate line item.

Plaster ring allows use of 4 7/8" OD Trim Flush (-TF) reflector in sheetrock ceiling; 5 3/16" dia hole required.....TF RING/4

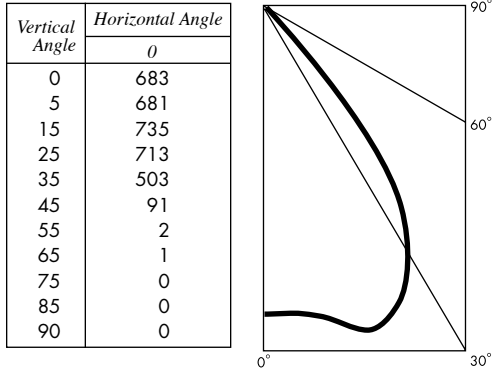


PHOTOMETRIC REPORT (tested per IESNA LM-79-2008)

Prorated from (LTL) Report No. 21293. Original Luminaire Testing Laboratories, Inc. (LTL) test reports furnished upon request.

Luminaire recessed LED round downlight with aluminum reflector
 Lamp Philips LED Fortimo DLM 1100, 3000K CCT
 Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request
 Spacing Criteria 1.3

CANDLEPOWER DISTRIBUTION (Candela)



DRIVER INFORMATION *UL Class 2, dry and damp location*

| | | |
|---|-------------|-------------|
| Voltage | 120 | 277 |
| Input Watts (1100/1500/2000 lumens) | 13/17/24 | 13/17/24 |
| Input Current (A) (1100/1500/2000 lumens) | .11/.14/.20 | .05/.06/.09 |
| Min. Power Factor | >0.95 | >0.95 |
| Operating Temperature Range (F) | -4 to 122 | -4 to 122 |

COLOR MULTIPLIERS

| | |
|----------------------------|-----|
| Semi-specular Clear (C) | 1 |
| Slightly diffuse Clear (V) | .95 |
| Champagne Gold (G) | .95 |
| Black (B) | .49 |

LUMINANCE DATA

| Vertical Angle | Candelam ² |
|----------------|-----------------------|
| 45 | 15952 |
| 55 | 376 |
| 65 | 192 |
| 75 | 104 |
| 85 | 310 |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0 - 30° | 599 | 60.6 |
| 0 - 40° | 904 | 91.4 |
| 0 - 60° | 988 | 99.9 |
| 0 - 90° | 989 | 100.0 |
| 90 - 180° | 0 | 0.0 |
| 0 - 180° | 989 | 100.0 |

LIGHT OUTPUT MULTIPLIERS

| LED Light Engine | Light Output Multiplier | | |
|------------------|-------------------------|-------|-------|
| | 2700K | 3000K | 3500K |
| L11 | 0.96* | 1 | 1.03* |
| L15 | 1.29* | 1.34* | 1.38* |
| L20 | 1.71* | 1.78* | 1.83* |

*estimated values

LUMINAIRE LIGHT OUTPUT AND EFFICACY

| LED Module Type | Luminaire Light Output | Luminaire Efficacy (lms/watt) | Luminaire Light Output | Luminaire Efficacy (lms/watt) | Luminaire Light Output | Luminaire Efficacy (lms/watt) | System Wattage |
|-----------------|------------------------|-------------------------------|------------------------|-------------------------------|------------------------|-------------------------------|----------------|
| | 2700K | | 3000K | | 3500K | | |
| L11 | 949* | 73* | 989 | 76 | 1019* | 78* | 13 |
| L15 | 1276* | 75* | 1325* | 78* | 1365* | 80* | 17 |
| L20 | 1691* | 70* | 1760* | 73* | 1810* | 75* | 24 |

*estimated values