

**Description**

IP66. Class I. IK08. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire.

Recommended mounting height 10-20 ft, depending on wattage selected; brackets to be ordered separately.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)  
+ XXX-XXXX (Accessory 1)

|                    |                                |
|--------------------|--------------------------------|
| Weight             | 28.22 lb                       |
| Light distribution | rectangular [R]                |
| Light source       | LED-36/108W / 1050 mA - 2700 K |
| CRI                | 80                             |
| Power supply       | electronic gear                |
| LEDs               | 36                             |
| Rated input power  | 119 W                          |

**Nominal Lumen (lm)**

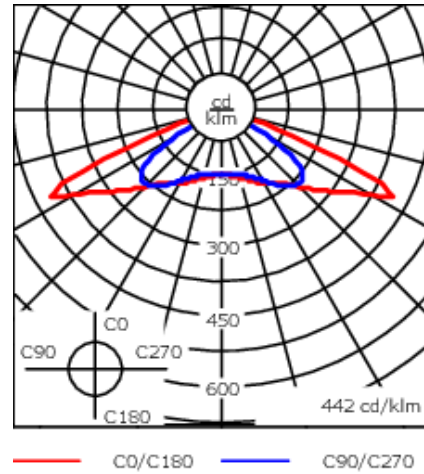
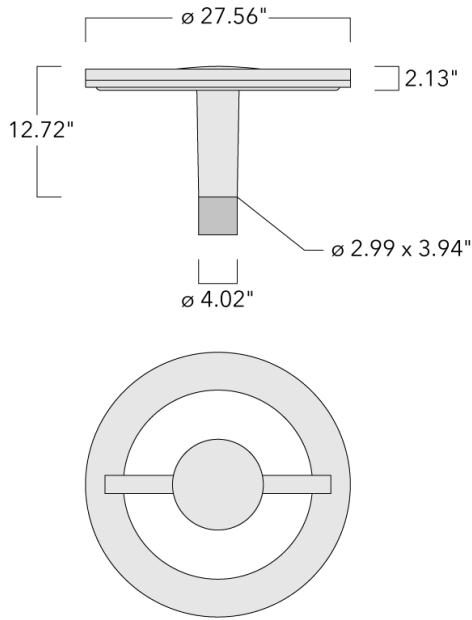
|             |       |
|-------------|-------|
| LED Lumen   | 410   |
| Total Lumen | 14760 |
| Tj          | 85    |

**Rated lumens (lm)**

|             |         |
|-------------|---------|
| LED Lumen   | 361.4   |
| Total Lumen | 13009.8 |
| Ta          | 25      |

**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
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## Specifications

### Material description

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine grade aluminum alloy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Lens                 | CAD optimized OLC One LED Concept lens for superior illumination and glare control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Colors               | <div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</div> </div> |
| Gasket               | Silicone rubber gasket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Fasteners            | PCS Polymer Coated Stainless Steel hardware                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Ingress protection   | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Impact resistance    | IK08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Corrosion resistance | 5CE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Windage              | 0.24 m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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**105-0246**

**CFT540 LED**

**we-ef**

### **Electrical description**

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|                  |                                                                                         |
|------------------|-----------------------------------------------------------------------------------------|
| Power supply     | Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order. |
| Driver / Ballast | Integral EC electronic converter                                                        |
| Power factor     | > 0.9                                                                                   |
| Surge protection | In-line bracket 10kV Surge Protector                                                    |

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### **Additional information**

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|            |                                                                                       |
|------------|---------------------------------------------------------------------------------------|
| Lifetime   | Ta=25°/40° L90B10 > 90000h                                                            |
| BUG Rating | Please see individual Spec Sheets for classification of Backlight, Uplight and Glare. |
| Listings   | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.                            |

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