

CFT540 LED

Street and Area Lighting

we-ef

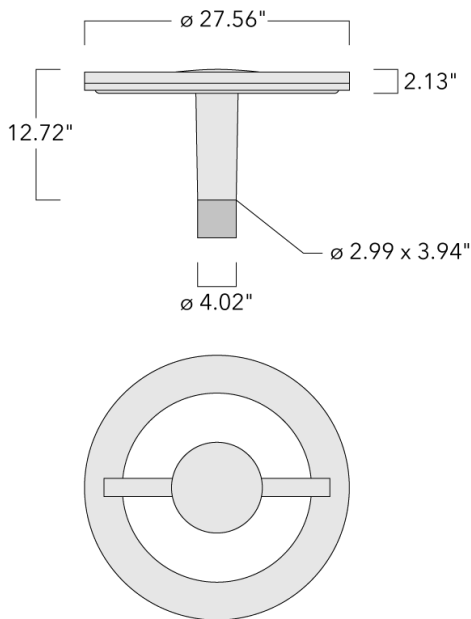
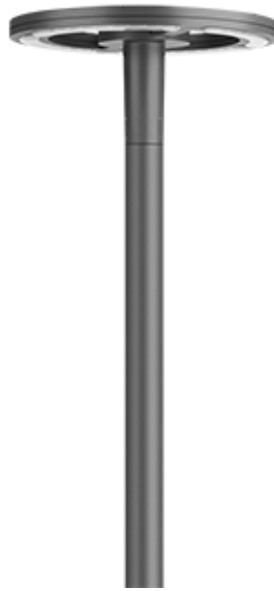


WE-EF LIGHTING USA, LLC

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

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 12/05/2025

**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)

Street and Area Lighting

Specifications
Material description

Body	Marine grade aluminum alloy.
Lens	CAD optimized OLC One LED Concept lens for superior illumination and glare control
Colors	<div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</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 ²




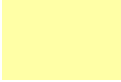

Electrical description

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

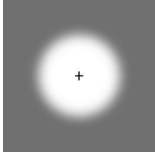
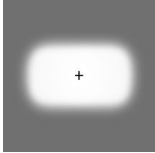
Additional information

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.

Options

Light distribution	Color temperature	Nominal Watt
 [C50] Type V Short	 3000 K	42 W
		86 W
 rectangular [R]	 4000 K	
	 2700 K	

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
[C50] Type V Short 	105-0076	LED-36/36W / 350 mA - 3000 K	5266.2	39 W	80	28.22
	105-0077	LED-36/36W / 350 mA - 4000 K	5775.9	39 W	80	28.22
	105-0078	LED-36/72W / 700 mA - 3000 K	9376.7	79 W	80	28.22
	105-0079	LED-36/72W / 700 mA - 4000 K	10023.3	79 W	80	28.22
	105-0080	LED-36/108W / 1050 mA - 3000 K	14032.3	115 W	80	28.22
	105-0081	LED-36/108W / 1050 mA - 4000 K	14685	115 W	80	28.22
	105-0241	LED-36/36W / 350 mA - 2700 K	4926.5	39 W	80	28.22
	105-0242	LED-36/72W / 700 mA - 2700 K	8730	79 W	80	28.22
	105-0243	LED-36/108W / 1050 mA - 2700 K	13379.7	115 W	80	28.22
rectangular [R] 	105-0084	LED-36/72W / 700 mA - 3000 K	9273.9	79 W	80	28.22
	105-0085	LED-36/72W / 700 mA - 4000 K	9913.5	79 W	80	28.22
	105-0086	LED-36/108W / 1050 mA - 3000 K	13644.5	115 W	80	28.22
	105-0087	LED-36/108W / 1050 mA - 4000 K	14279.1	115 W	80	28.22
	105-0244	LED-36/36W / 350 mA - 2700 K	4872.6	39 W	80	28.22
	105-0245	LED-36/72W / 700 mA - 2700 K	8634.3	79 W	80	28.22
	105-0246	LED-36/108W / 1050 mA - 2700 K	13009.8	115 W	80	28.22