

CFT540 LED

Pole mounted

we-ef



WE-EF LIGHTING Pty Ltd

6/13 Downard Street, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499

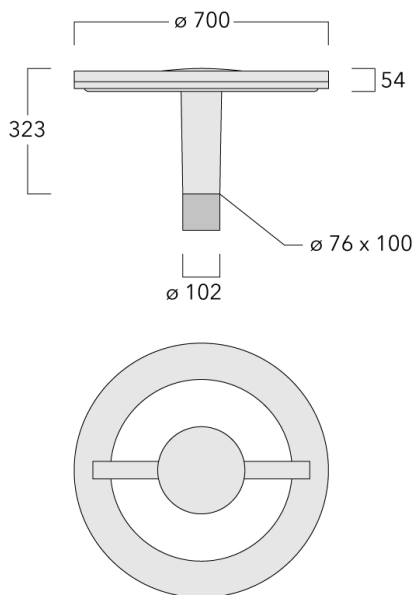
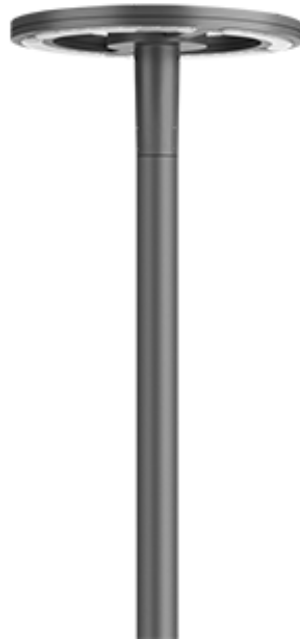
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Description

IP66. Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC™ Reflection Free Contour main lens. The luminaire is factory-sealed and does not need to be opened during installation. Integral EC electronic converter. DALI. Factory installed LED circuit board. LED board can be easily removed for upgrading. PMMA OLC® LED lenses for superior illumination and glare control.

Variant with 2200 K or as 'Wild-Light' 2200 K combined with 3000 K with Eco Step Dim® Advanced or Motion available on request, must be specified at time of ordering.

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.




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Specifications**Material description**

| | |
|----------------------|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | RFC® Reflection Free Contour main lens |
| Colours |  RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware (unpainted) |
| Ingress protection | IP66 |
| Impact resistance | IK08 |
| Corrosion resistance | 5CE+Primer |
| Windage | 0.24 m ² |

Electrical description

| | |
|------------------|--|
| Power supply | 230V / 50 Hz |
| Driver / Ballast | Integral EC electronic converter. DALI |
| Power factor | > 0.9 |
| Surge protection | In-pole surge protection SP10 device supplied. Please refer to WE-EF installation instructions for details. Use suffix +A for Integral surge protection. |

Additional information

| | |
|----------|--|
| Lifetime | Ta=40° L90B10 > 90000h |
| Warranty | The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details. |

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Options

Light distribution



controlled symmetric distribution [C50]



rectangular [R]

Colour temperature



3000 K



4000 K



2700 K

Nominal Watt

42 W

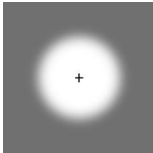
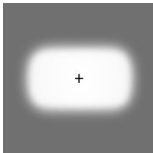
86 W

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Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) |
|---|----------|--------------------------------|--------------|-------------------|-----|-------------|
| controlled symmetric distribution [C50]  | 105-0076 | LED-36/36W / 350 mA - 3000 K | 5266.2 | 39 W | 80 | 13.30 |
| | 105-0077 | LED-36/36W / 350 mA - 4000 K | 5775.9 | 39 W | 80 | 13.30 |
| | 105-0078 | LED-36/72W / 700 mA - 3000 K | 9376.7 | 79 W | 80 | 13.30 |
| | 105-0079 | LED-36/72W / 700 mA - 4000 K | 10023.3 | 79 W | 80 | 13.30 |
| | 105-0080 | LED-36/108W / 1050 mA - 3000 K | 14032.3 | 119 W | 80 | 13.30 |
| | 105-0081 | LED-36/108W / 1050 mA - 4000 K | 14685 | 119 W | 80 | 13.30 |
| | 105-0241 | LED-36/36W / 350 mA - 2700 K | 4926.5 | 39 W | 80 | 13.30 |
| | 105-0242 | LED-36/72W / 700 mA - 2700 K | 8730 | 79 W | 80 | 13.30 |
| | 105-0243 | LED-36/108W / 1050 mA - 2700 K | 13379.7 | 119 W | 80 | 13.30 |
| rectangular [R]  | 105-0084 | LED-36/72W / 700 mA - 3000 K | 9273.9 | 79 W | 80 | 13.30 |
| | 105-0085 | LED-36/72W / 700 mA - 4000 K | 9913.5 | 79 W | 80 | 13.30 |
| | 105-0086 | LED-36/108W / 1050 mA - 3000 K | 13644.5 | 119 W | 80 | 13.30 |
| | 105-0087 | LED-36/108W / 1050 mA - 4000 K | 14279.1 | 119 W | 80 | 13.30 |
| | 105-0244 | LED-36/36W / 350 mA - 2700 K | 4872.6 | 39 W | 80 | 13.30 |
| | 105-0245 | LED-36/72W / 700 mA - 2700 K | 8634.3 | 79 W | 80 | 13.30 |
| | 105-0246 | LED-36/108W / 1050 mA - 2700 K | 13009.8 | 119 W | 80 | 13.30 |

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Control

Eco Step Dim® Basic

| Description | Part ID |
|-------------------------|----------|
| Eco Step Dim® Basic LED | 430-0001 |

Eco Step Dim® Advanced

| Description | Part ID |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

Wild-Light Eco Step Dim® Advanced

| Description | Part ID | Additional information |
|-----------------------------------|----------|--|
| Wild-Light Eco Step Dim® Advanced | 430-0034 | Fully automatic independent dimming pre-set, without additional installation effort, Example: Starting the night with warm white (3000 K from 20:00 to 22:00), reduced to biodiversity friendly in the heart of the night (2200 K from 22:00 to 06:00), and returning back to warm white in the early morning (3000 K from 06:00 to 07:00). This is the easiest to implement solution to create a nature-friendly lighting scenario, as no additional installations or external controls are needed. All pre-settings are made in the two LED drivers. The dimming values are programmed into the driver during the production of the luminaires. An optional link with sunrise and sunset times can mean additional optimisation. A customer-specific configuration is possible. The settings can be changed directly on the LED driver at any time (NFC). The necessary tool is standardised and can also be obtained from WE-EF as an optional extra. |
| Wild-Light Motion | 430-0035 | |

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