

CFT540 LED

Pole mounted

we-ef

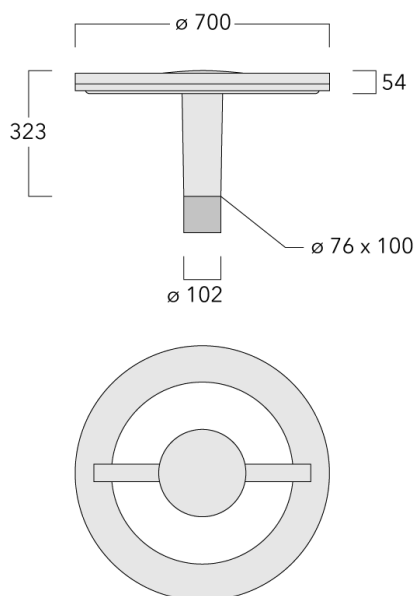
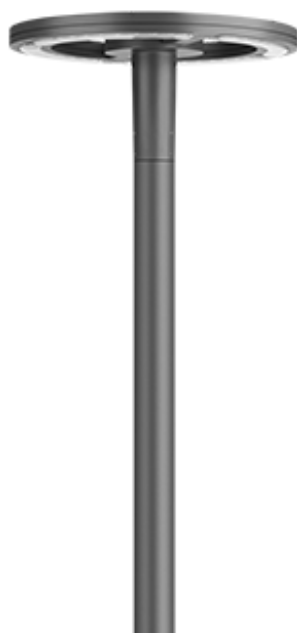


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**Description**




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.

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.

Options

Light distribution

	controlled symmetric distribution [C50]
	rectangular [R]

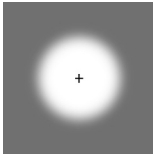
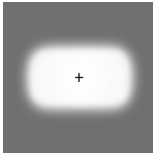
Colour temperature

	3000 K
	4000 K
	2700 K

Nominal Watt

42 W
86 W

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	115 W	80	13.30
	105-0081	LED-36/108W / 1050 mA - 4000 K	14685	115 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	115 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	115 W	80	13.30
	105-0087	LED-36/108W / 1050 mA - 4000 K	14279.1	115 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	115 W	80	13.30

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

R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019

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	