





### Description

The RFL120 features an elegant round shape, designed with the future in mind, offering a full suite of connectivity options. Post top installation on poles, seamlessly blending into urban landscapes by day and night. Constructed from marine-grade, die-cast aluminium alloy, with an IP66 rating, 5CE superior corrosion protection including PCS hardware and CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral EC electronic converter, class I or class II. OLC® One LED Concept CAD-optimised optics and non-reflective flat safety glass cover, hinged, provide superior illumination and glare control. The luminaire is factory-sealed and does not need to be opened during installation. RFL120 post top variant with spigot size Ø 76 x 85 mm. Ø 60 x 85 mm with corresponding reducer available as an option. Must be indicated during order placement.

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

### IMPORTANT

Photometric data legend (for ies-data):  
Part ID (channel I+II - both colour temperatures 1850K (True Amber) + 2200K / 2200K + 3000K)

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Part ID\_1 (channel I - lower colour temperature 1850K  
(True Amber) / 2200K only)

Part ID\_2 (channel II - upper colour temperature 2200K /  
3000K only)

Photometric data legend (for ldt-data):

Part ID (channel I+II - both colour temperatures 1850K  
(True Amber) + 2200K / 2200K + 3000K)

Part ID (channel I - lower colour temperature 1850K (True  
Amber) / 2200K only)

Part ID (channel II - upper colour temperature 2200K /  
3000K only)

Photometric files (IES, LDT) for light distributions [S65]  
[S70] [P65] [R60] [A60] with Backlight Shield on request.

## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy			
Lens	Non-reflective safety glass lens			
Colours	<b>RAL7016</b> Anthracite grey	<b>RAL9004</b> Signal black	<b>RAL9006</b> White aluminium	<b>RAL9007</b> Grey aluminium
	<b>RAL9016</b> Traffic white			
Gasket	CCG® Controlled Compression Gasket			
Fasteners	PCS Polymer Coated Stainless Steel Hardware			
Ingress protection	IP66			
Impact resistance	IK08			
Corrosion resistance	5CE			

### Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Surge protection	6/6kV, optional 10kV
Energy efficiency	C-D (Lichtquelle)

### Additional information

Windage	0.215 m <sup>2</sup>
Lifetime	Ta=25° L90B10 > 90000h

**Options**

Light distribution   Colour temperature   Nominal Watt

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
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