



**Description**

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Non-reflecting safety glass lens, hinged. Silicone CCG_R Controlled Compression Gasket. Catenary stay wire inclination angle: Maximum 10°.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC_R One LED Concept. Luminaire is factory-sealed and does not need to be opened during installation.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height. Optional 2200 K version available. To be specified at time of ordering.

Catenary luminaires**Specifications****Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.074 m ²

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter
Power factor	> 0.9

Additional information

Lifetime	Ta=25° L90B10 > 90000h
----------	------------------------

RFS540 LED

Catenary luminaires

Options

Light distribution



asymmetric, side throw [S70]



asymmetric, side throw [S60]



asymmetric, side throw [S65]

Colour temperature



4000 K



3000 K



2700 K

Nominal Watt

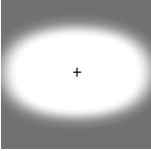
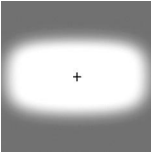
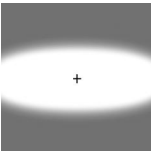
92 W

12 W

48 W

62 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, side throw [S60] 	111-0403	LED-48/48W/48W / 700 mA - 4000 K	12996.7	105.5 W	80	15.00
	111-0440	LED-36/18W/18W / 350 mA - 4000 K	5612.5	38 W	80	14.70
	111-0441	LED-48/24W/24W / 350 mA - 4000 K	7483.3	54 W	80	15.00
	111-0515	LED-36/18W/18W / 350 mA - 3000 K	5117.3	38 W	80	14.70
	111-0517	LED-48/24W/24W / 350 mA - 3000 K	6823.1	54 W	80	15.00
	111-0623	LED-36/36W/36W / 700 mA - 4000 K	9747.5	79 W	80	14.70
	111-0692	LED-36/36W/36W / 700 mA - 3000 K	9118.6	79 W	80	14.70
	111-0695	LED-48/48W/48W / 700 mA - 3000 K	12158.2	105.5 W	80	15.00
	111-1100	LED-36/18W/18W / 350 mA - 2700 K	8914	38 W	80	14.70
	111-1101	LED-36/36W/36W / 700 mA - 2700 K	8489.8	79 W	80	14.70
	111-1102	LED-48/24W/24W / 350 mA - 2700 K	6382.9	54 W	80	15.00
	111-1103	LED-48/48W/48W / 700 mA - 2700 K	11319.7	105.5 W	80	15.00
asymmetric, side throw [S65] 	111-0442	LED-36/18W/18W / 350 mA - 4000 K	5561.3	38 W	80	14.70
	111-0443	LED-48/24W/24W / 350 mA - 4000 K	7415	54 W	80	15.00
	111-0519	LED-36/18W/18W / 350 mA - 3000 K	5070.6	38 W	80	14.70
	111-0641	LED-48/24W/24W / 350 mA - 3000 K	6760.8	54 W	80	15.00
	111-0701	LED-36/36W/36W / 700 mA - 3000 K	9035.3	79 W	80	14.70
	111-0702	LED-36/36W/36W / 700 mA - 4000 K	9658.5	79 W	80	14.70
	111-0703	LED-48/48W/48W / 700 mA - 3000 K	12047.1	105.5 W	80	15.00
	111-0704	LED-48/48W/48W / 700 mA - 4000 K	12878	105.5 W	80	15.00
	111-1104	LED-36/18W/18W / 350 mA - 2700 K	8832.6	38 W	80	14.70
	111-1105	LED-36/36W/36W / 700 mA - 2700 K	8412.2	79 W	80	14.70
	111-1106	LED-48/24W/24W / 350 mA - 2700 K	6324.6	54 W	80	15.00
	111-1107	LED-48/48W/48W / 700 mA - 2700 K	11216.3	105.5 W	80	15.00
asymmetric, side throw [S70] 	111-0402	LED-36/36W/36W / 700 mA - 4000 K	9235.5	79 W	80	14.70
	111-0444	LED-36/18W/18W / 350 mA - 4000 K	5317.8	38 W	80	14.70
	111-0523	LED-36/18W/18W / 350 mA - 3000 K	4848.6	38 W	80	14.70
	111-0525	LED-48/24W/24W / 350 mA - 3000 K	6464.7	54 W	80	15.00
	111-0576	LED-48/48W/48W / 700 mA - 3000 K	11519.6	105.5 W	80	15.00
	111-0593	LED-48/48W/48W / 700 mA - 4000 K	12314	105.5 W	80	15.00
	111-0629	LED-48/24W/24W / 350 mA - 4000 K	7090.4	54 W	80	15.00
	111-0705	LED-36/36W/36W / 700 mA - 3000 K	8639.7	79 W	80	14.70
	111-1108	LED-36/18W/18W / 350 mA - 2700 K	8445.9	38 W	80	14.70
	111-1109	LED-36/36W/36W / 700 mA - 2700 K	8043.8	79 W	80	14.70
	111-1110	LED-48/24W/24W / 350 mA - 2700 K	6047.7	54 W	80	15.00

RFS540 LED

Catenary luminaires



Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	111-1111	LED-48/48W/48W / 700 mA - 2700 K	10725.1	105.5 W	80	15.00

WE-EF LIGHTING (Thailand) Co., Ltd.

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

<https://we-ef.com/asia>

Subject to technical changes and errors. - Generated on 23/11/2024