




**Description**

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Non-reflecting safety glass lens, hinged with safety switch. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Optional 2200 K version available. To be specified at time of ordering.

Includes cable connector, for cable 6-12 mm. Cable inclination angle: Maximum 10°.

**Specifications****Material description**

---

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.074 m <sup>2</sup>

---

**Electrical description**

---

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter
Power factor	> 0.9
Surge protection	6/6 kV (optional SP10)

---

**Additional information**

---

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	C-D (Light source)

---

# RFS540 LED

## Catenary luminaires

### Options

#### Light distribution



asymmetric, side throw beam [S70]



asymmetric, side throw beam [S60]



asymmetric, side throw beam [S65]

#### Colour temperature



4000 K



3000 K



2700 K

#### Nominal Watt

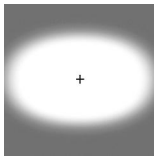
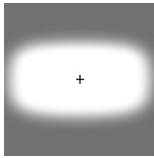
92 W

12 W

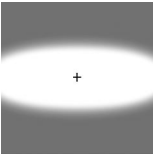
48 W

62 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, side throw beam [S60] 	111-0403	LED-48/48W/48W / 700 mA - 4000 K	12996.7	105.5 W	80	15.00
	111-0403-70	LED-48/48W/48W / 700 mA - 4000 K	14673.6	105.5 W	70	15.00
	111-0440	LED-36/18W/18W / 350 mA - 4000 K	5612.5	38 W	80	14.70
	111-0440-70	LED-36/18W/18W / 350 mA - 4000 K	6272.8	38 W	70	14.70
	111-0441	LED-48/24W/24W / 350 mA - 4000 K	7483.3	54 W	80	15.00
	111-0441-70	LED-48/24W/24W / 350 mA - 4000 K	8363.7	54 W	70	15.00
	111-0515	LED-36/18W/18W / 350 mA - 3000 K	5117.3	38 W	80	14.70
	111-0515-70	LED-36/18W/18W / 350 mA - 3000 K	5942.7	38 W	70	14.70
	111-0517	LED-48/24W/24W / 350 mA - 3000 K	6823.1	54 W	80	15.00
	111-0517-70	LED-48/24W/24W / 350 mA - 3000 K	7923.5	54 W	70	15.00
	111-0623	LED-36/36W/36W / 700 mA - 4000 K	9747.5	79 W	80	14.70
	111-0623-70	LED-36/36W/36W / 700 mA - 4000 K	11005.2	79 W	70	14.70
	111-0692	LED-36/36W/36W / 700 mA - 3000 K	9118.6	79 W	80	14.70
	111-0692-70	LED-36/36W/36W / 700 mA - 3000 K	10376.4	79 W	70	14.70
	111-0695	LED-48/48W/48W / 700 mA - 3000 K	12158.2	105.5 W	80	15.00
	111-0695-70	LED-48/48W/48W / 700 mA - 3000 K	13835.2	105.5 W	70	15.00
	111-1100	LED-36/18W/18W / 350 mA - 2700 K	8914	38 W	80	14.70
	111-1100-70	LED-36/18W/18W / 350 mA - 2700 K	9574.3	38 W	70	14.70
	111-1101	LED-36/36W/36W / 700 mA - 2700 K	8489.8	79 W	80	14.70
	111-1101-70	LED-36/36W/36W / 700 mA - 2700 K	9118.6	79 W	70	14.70
111-1102	LED-48/24W/24W / 350 mA - 2700 K	6382.9	54 W	80	15.00	
111-1102-70	LED-48/24W/24W / 350 mA - 2700 K	6823.1	54 W	70	15.00	
111-1103	LED-48/48W/48W / 700 mA - 2700 K	11319.7	105.5 W	80	15.00	
111-1103-70	LED-48/48W/48W / 700 mA - 2700 K	12158.2	105.5 W	70	15.00	
asymmetric, side throw beam [S65] 	111-0442	LED-36/18W/18W / 350 mA - 4000 K	5561.3	38 W	80	14.70
	111-0442-70	LED-36/18W/18W / 350 mA - 4000 K	6215.5	38 W	70	14.70
	111-0443	LED-48/24W/24W / 350 mA - 4000 K	7415	54 W	80	15.00
	111-0443-70	LED-48/24W/24W / 350 mA - 4000 K	8287.4	54 W	70	15.00
	111-0519	LED-36/18W/18W / 350 mA - 3000 K	5070.6	38 W	80	14.70
	111-0519-70	LED-36/18W/18W / 350 mA - 3000 K	5888.4	38 W	70	14.70
	111-0641	LED-48/24W/24W / 350 mA - 3000 K	6760.8	54 W	80	15.00
	111-0641-70	LED-48/24W/24W / 350 mA - 3000 K	7851.2	54 W	70	15.00
	111-0701	LED-36/36W/36W / 700 mA - 3000 K	9035.3	79 W	80	14.70
	111-0701-70	LED-36/36W/36W / 700 mA - 3000 K	10281.6	79 W	70	14.70
111-0702	LED-36/36W/36W / 700 mA - 4000 K	9658.5	79 W	80	14.70	

## Catenary luminaires

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	111-0702-70	LED-36/36W/36W / 700 mA - 4000 K	10904.7	79 W	70	14.70
	111-0703	LED-48/48W/48W / 700 mA - 3000 K	12047.1	105.5 W	80	15.00
	111-0703-70	LED-48/48W/48W / 700 mA - 3000 K	13708.8	105.5 W	70	15.00
	111-0704	LED-48/48W/48W / 700 mA - 4000 K	12878	105.5 W	80	15.00
	111-0704-70	LED-48/48W/48W / 700 mA - 4000 K	14539.6	105.5 W	70	15.00
	111-1104	LED-36/18W/18W / 350 mA - 2700 K	8832.6	38 W	80	14.70
	111-1104-70	LED-36/18W/18W / 350 mA - 2700 K	9486.9	38 W	70	14.70
	111-1105	LED-36/36W/36W / 700 mA - 2700 K	8412.2	79 W	80	14.70
	111-1105-70	LED-36/36W/36W / 700 mA - 2700 K	9035.3	79 W	70	14.70
	111-1106	LED-48/24W/24W / 350 mA - 2700 K	6324.6	54 W	80	15.00
	111-1106-70	LED-48/24W/24W / 350 mA - 2700 K	6760.8	54 W	70	15.00
	111-1107	LED-48/48W/48W / 700 mA - 2700 K	11216.3	105.5 W	80	15.00
	111-1107-70	LED-48/48W/48W / 700 mA - 2700 K	12047.1	105.5 W	70	15.00
asymmetric, side throw beam [S70]	111-0402	LED-36/36W/36W / 700 mA - 4000 K	9235.5	79 W	80	14.70
	111-0402-70	LED-36/36W/36W / 700 mA - 4000 K	10427.2	79 W	70	14.70
	111-0444	LED-36/18W/18W / 350 mA - 4000 K	5317.8	38 W	80	14.70
	111-0444-70	LED-36/18W/18W / 350 mA - 4000 K	5943.4	38 W	70	14.70
	111-0523	LED-36/18W/18W / 350 mA - 3000 K	4848.6	38 W	80	14.70
	111-0523-70	LED-36/18W/18W / 350 mA - 3000 K	5630.6	38 W	70	14.70
	111-0525	LED-48/24W/24W / 350 mA - 3000 K	6464.7	54 W	80	15.00
	111-0525-70	LED-48/24W/24W / 350 mA - 3000 K	7507.4	54 W	70	15.00
	111-0576	LED-48/48W/48W / 700 mA - 3000 K	11519.6	105.5 W	80	15.00
	111-0576-70	LED-48/48W/48W / 700 mA - 3000 K	13108.5	105.5 W	70	15.00
	111-0593	LED-48/48W/48W / 700 mA - 4000 K	12314	105.5 W	80	15.00
	111-0593-70	LED-48/48W/48W / 700 mA - 4000 K	13902.9	105.5 W	70	15.00
	111-0629	LED-48/24W/24W / 350 mA - 4000 K	7090.4	54 W	80	15.00
	111-0629-70	LED-48/24W/24W / 350 mA - 4000 K	7924.5	54 W	70	15.00
	111-0705	LED-36/36W/36W / 700 mA - 3000 K	8639.7	79 W	80	14.70
	111-0705-70	LED-36/36W/36W / 700 mA - 3000 K	9831.4	79 W	70	14.70
	111-1108	LED-36/18W/18W / 350 mA - 2700 K	8445.9	38 W	80	14.70
	111-1108-70	LED-36/18W/18W / 350 mA - 2700 K	9071.5	38 W	70	14.70
	111-1109	LED-36/36W/36W / 700 mA - 2700 K	8043.8	79 W	80	14.70
	111-1109-70	LED-36/36W/36W / 700 mA - 2700 K	8639.7	79 W	70	14.70
	111-1110	LED-48/24W/24W / 350 mA - 2700 K	6047.7	54 W	80	15.00
	111-1110-70	LED-48/24W/24W / 350 mA - 2700 K	6464.7	54 W	70	15.00
	111-1111	LED-48/48W/48W / 700 mA - 2700 K	10725.1	105.5 W	80	15.00

# RFS540 LED

## Catenary luminaires

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	111-1111-70	LED-48/48W/48W / 700 mA - 2700 K	11519.6	105.5 W	70	15.00

# RFS540 LED

## Catenary luminaires

### 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