



**Description**

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. UV-resistant polycarbonate main lens (open at the bottom). The luminaire is factory sealed and does not need to be opened during installation. Integral EC converter, thermally separated. Factory installed LED circuit board. Removable LED boards for upgrading. CAD-optimised indirect optics for superior illumination and glare control.

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	Polycarbonate (open at the bottom)
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.090 m ²

Electrical description

Driver / Ballast	Standard. DALI or 1-10V on request
Power factor	> 0.9

Additional information

Lifetime	Ta=25° L90B10 > 90000h
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ZFS460 LED

Catenary luminaires

Options

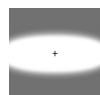
Light distribution



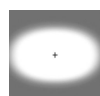
asymmetric, side throw [S65]



rectangular, side throw [R65]



asymmetric, side throw [S70]



asymmetric, side throw [S60]



asymmetric, forward throw [A60]

Colour temperature



2700 K



3000 K

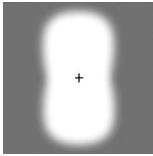
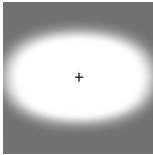
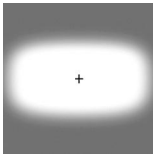
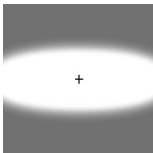
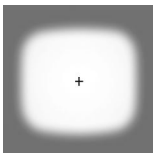


4000 K

Nominal Watt

0 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	115-2015	LED-18/36W / 700 mA - 2700 K	4201.7	41 W	80	9.50
	115-2016	LED-18/36W / 700 mA - 3000 K	4512.9	41 W	80	9.50
	115-2017	LED-18/36W / 700 mA - 4000 K	4824.2	41 W	80	9.50
	115-2018	LED-18/54W / 1050 mA - 2700 K	6380.4	59 W	80	9.50
	115-2019	LED-18/54W / 1050 mA - 3000 K	6691.6	59 W	80	9.50
	115-2020	LED-18/54W / 1050 mA - 4000 K	7002.8	59 W	80	9.50
asymmetric, side throw [S60] 	115-1997	LED-18/36W / 700 mA - 2700 K	4375	41 W	80	9.50
	115-1998	LED-18/36W / 700 mA - 3000 K	4699.1	41 W	80	9.50
	115-1999	LED-18/36W / 700 mA - 4000 K	5023.1	41 W	80	9.50
	115-2000	LED-18/54W / 1050 mA - 2700 K	6643.5	59 W	80	9.50
	115-2001	LED-18/54W / 1050 mA - 3000 K	6967.6	59 W	80	9.50
	115-2002	LED-18/54W / 1050 mA - 4000 K	7291.7	59 W	80	9.50
asymmetric, side throw [S65] 	115-2003	LED-18/36W / 700 mA - 2700 K	4405.6	41 W	80	9.50
	115-2004	LED-18/36W / 700 mA - 3000 K	4732	41 W	80	9.50
	115-2005	LED-18/36W / 700 mA - 4000 K	5058.3	41 W	80	9.50
	115-2006	LED-18/54W / 1050 mA - 2700 K	6690	59 W	80	9.50
	115-2007	LED-18/54W / 1050 mA - 3000 K	7016.4	59 W	80	9.50
	115-2008	LED-18/54W / 1050 mA - 4000 K	7342.7	59 W	80	8.50
asymmetric, side throw [S70] 	115-2009	LED-18/36W / 700 mA - 2700 K	4308.1	41 W	80	9.50
	115-2010	LED-18/36W / 700 mA - 3000 K	4627.2	41 W	80	9.50
	115-2011	LED-18/36W / 700 mA - 4000 K	4946.4	41 W	80	9.50
	115-2012	LED-18/54W / 1050 mA - 2700 K	6542	59 W	80	9.50
	115-2013	LED-18/54W / 1050 mA - 3000 K	6861.1	59 W	80	9.50
	115-2014	LED-18/54W / 1050 mA - 4000 K	7180.2	59 W	80	9.50
rectangular, side throw [R65] 	115-1991	LED-18/36W / 700 mA - 2700 K	4083.6	41 W	80	9.50
	115-1992	LED-18/36W / 700 mA - 3000 K	4386.1	41 W	80	9.50
	115-1993	LED-18/36W / 700 mA - 4000 K	4688.6	41 W	80	9.50
	115-1994	LED-18/54W / 1050 mA - 2700 K	6201.1	59 W	80	9.50
	115-1995	LED-18/54W / 1050 mA - 3000 K	6503.6	59 W	80	9.50
	115-1996	LED-18/54W / 1050 mA - 4000 K	6806	59 W	80	9.50

ZFS460 LED

Catenary luminaires



Control

R2C Ready to Connect

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