**Description**






IP66. Class I. IK10. Marine-grade, all-aluminium construction. Pole section features anodised aluminium core. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Polycarbonate main lens, UV-stabilised. Integral EC electronic converter in thermally separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. 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.

Optional 1-10V version available. To be specified at time of ordering.

Supplied as a complete luminaire (luminaire head and standpipe). Please note: The standpipe height must be entered for the photometric calculation.

Bollards and pathway luminaires**Specifications****Material description**

Body	Marine-grade, all-aluminium construction. Pole section features anodised aluminium core
Lens	Polycarbonate, UV-stabilised
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK10
Corrosion resistance	5CE

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter, DALI
Surge protection	10/10kV

Additional information

Lifetime	11W - Ta=25° L70B50>50000h 15W - Ta=25° L70B50>60000h
ENERGY EFFICIENCY CLASS	E-F-D (Light source)

MRY224 LED

Bollards and pathway luminaires

Options

Light distribution



symmetric [C70]



asymmetric, side throw beam [S60]

Colour temperature



2700 K



3000 K

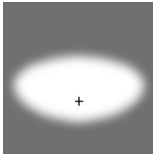
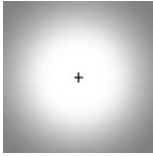


4000 K

Nominal Watt

0 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, side throw beam [S60] 	115-9801	LED-11W / 300 mA - 2700 K	843.6	13.5 W	80	10.80
	115-9802	LED-11W / 300 mA - 3000 K	889.5	13.5 W	80	10.80
	115-9803	LED-11W / 300 mA - 4000 K	946.9	13.5 W	80	10.80
	115-9805	LED-15W / 750 mA - 2700 K	1166.3	18 W	80	10.80
	115-9806	LED-15W / 750 mA - 3000 K	1180.9	18 W	80	10.80
	115-9807	LED-15W / 750 mA - 4000 K	1261.3	18 W	80	10.80
	symmetric [C70] 	115-9771	LED-11W / 300 mA - 2700 K	844.7	13.5 W	80
115-9772		LED-11W / 300 mA - 3000 K	890.7	13.5 W	80	10.80
115-9773		LED-11W / 300 mA - 4000 K	948.1	13.5 W	80	10.80
115-9775		LED-15W / 750 mA - 2700 K	1167.8	18 W	80	10.80
115-9776		LED-15W / 750 mA - 3000 K	1182.5	18 W	80	10.80
115-9777		LED-15W / 750 mA - 4000 K	1262.9	18 W	80	10.80

Control**DALI interface**

Description	Part ID	Additional information	C
DALI interface	430-0013	DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).	90

Dali 2.0

- Application controllers and Input devices defined
- Single-masters and multi-masters allowed
- Event priorities defined
- Separate addressing & grouping from control gear

Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!

Mounting Accessories

Planted root

Description	Part ID	D1	D2	D3	D4	H1	H2	Weight (kg)
Planted root ESZ4	300-9090	55	45	70	100	400	350	3.50

