

PSY424 LED

Bollards and pathway luminaires

we-ef

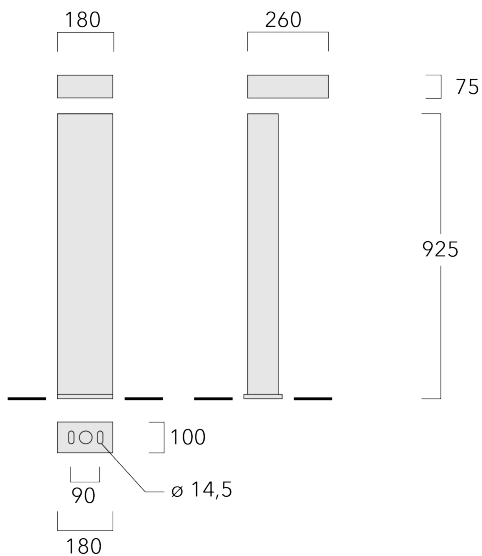


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<https://we-ef.com/asia>

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







Description

IP66/IP67. Class I. IK10. Marine-grade, all-aluminium construction. Pole section features galvanised steel reinforcement core. 5CE superior corrosion protection including PCS hardware. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. Optional 2200 K version up to max. 1050mA 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.

Specifications**Material description**

Body	Marine-grade, all-aluminium construction. Pole section features galvanised steel reinforcement core
Lens	RFC™ Reflection Free Contour main lens
Colours	 RAL9004 Signal black  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/IP67
Impact resistance	IK10
Corrosion resistance	5CE

Electrical description

Driver / Ballast	Integral EC electronic converter
Power factor	> 0.9
Surge protection	6/6 kV (SP10 optional)

Additional information

Lifetime	Ta=25° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare

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Options

Light distribution



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



rectangular, side throw [R65]

Colour temperature



3000 K



4000 K

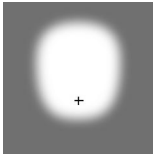
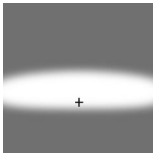
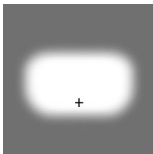


2700 K

Nominal Watt

0 W

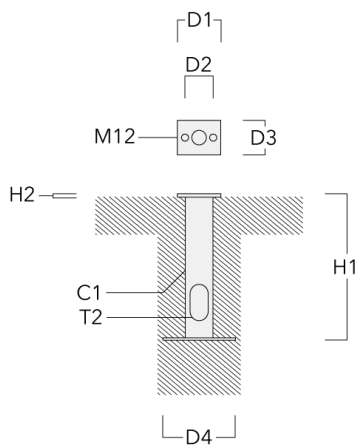
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	114-9426	LED-6/12W / 700 mA - 2700 K	1325.7	14.5 W	80	16.10
	114-9427	LED-6/18W / 1050 mA - 2700 K	1847.6	21 W	80	16.10
	114-9428	LED-6/26W / 1400 mA - 2700 K	2343.3	29 W	80	16.10
	114-9701	LED-6/12W / 700 mA - 3000 K	1423.9	14.5 W	80	16.10
	114-9702	LED-6/12W / 700 mA - 4000 K	1522.1	14.5 W	80	16.10
	114-9703	LED-6/18W / 1050 mA - 3000 K	1937.7	21 W	80	16.10
	114-9704	LED-6/18W / 1050 mA - 4000 K	2027.8	21 W	80	16.10
	114-9705	LED-6/26W / 1400 mA - 3000 K	2478.5	29 W	80	16.10
114-9706	LED-6/26W / 1400 mA - 4000 K	2591.1	29 W	80	16.10	
asymmetric, side throw [S70] 	114-9420	LED-6/12W / 700 mA - 2700 K	1273.5	14.5 W	80	16.10
	114-9421	LED-6/18W / 1050 mA - 2700 K	2038.1	21 W	80	16.10
	114-9422	LED-6/26W / 1400 mA - 2700 K	2584.9	29 W	80	16.10
	114-9681	LED-6/12W / 700 mA - 3000 K	1367.8	14.5 W	80	16.10
	114-9682	LED-6/12W / 700 mA - 4000 K	1462.2	14.5 W	80	16.10
	114-9683	LED-6/18W / 1050 mA - 3000 K	2137.5	21 W	80	16.10
	114-9684	LED-6/18W / 1050 mA - 4000 K	2237	21 W	80	16.10
	114-9685	LED-6/26W / 1400 mA - 3000 K	2734.1	29 W	80	16.10
114-9686	LED-6/26W / 1400 mA - 4000 K	2858.3	29 W	80	16.10	
rectangular, side throw [R65] 	114-9423	LED-6/12W / 700 mA - 2700 K	1144.8	14.5 W	80	16.10
	114-9424	LED-6/18W / 1050 mA - 2700 K	1820.7	21 W	80	16.10
	114-9425	LED-6/26W / 1400 mA - 2700 K	2309.2	29 W	80	16.10
	114-9691	LED-6/12W / 700 mA - 3000 K	1229.6	14.5 W	80	16.10
	114-9692	LED-6/12W / 700 mA - 4000 K	1314.4	14.5 W	80	16.10
	114-9693	LED-6/18W / 1050 mA - 3000 K	1909.5	21 W	80	16.10
	114-9694	LED-6/18W / 1050 mA - 4000 K	1998.3	21 W	80	16.10
	114-9695	LED-6/26W / 1400 mA - 3000 K	2442.4	29 W	80	16.10
114-9696	LED-6/26W / 1400 mA - 4000 K	2553.4	29 W	80	16.10	

Mounting Accessories

Planted root

Description	Part ID	C1	D1	D2	D3	D4	H1	H2	T2	Weight (kg)
Planted root ESV2	300-9115	76	120	90	95	200	400	10	62 x 100	3.80



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!