

## PSY424 LED

Bollards and pathway luminaires

**we-ef**

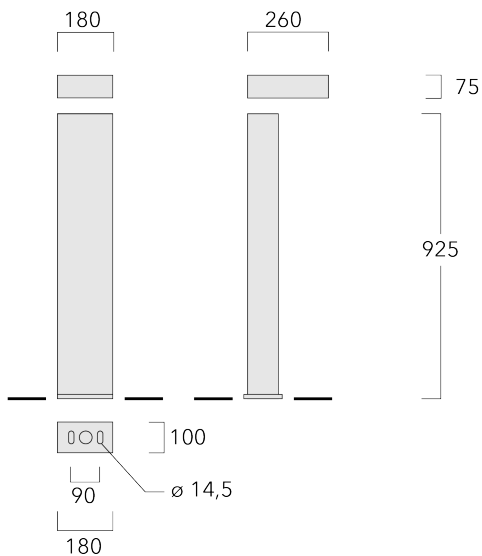


**Fagerhult Lighting Ltd**

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

Subject to technical changes and errors. - Generated on 27/11/2024








### Description

IP66. Class I. Class II on request. IK10. Marine-grade, all-aluminium construction. Pole section features galvanised steel reinforcement core. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter in thermally-separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. Factory installed LED circuit board. Pre-wired post complete with cable connecting box and fuse for mains connection. 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.

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

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

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**Electrical description**

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Power supply	220-240V / 50-60 Hz
Driver / Ballast	DALI
Power factor	> 0.9
Surge protection	10kV (SP10)

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**Additional information**

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

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# PSY424 LED

## Bollards and pathway luminaires

### Options

#### Light distribution



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



rectangular, side throw [R65]

#### Colour temperature



3000 K



4000 K

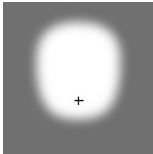
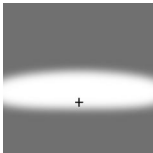
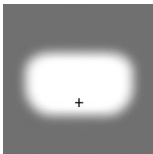


2700 K

#### Nominal Watt

0 W

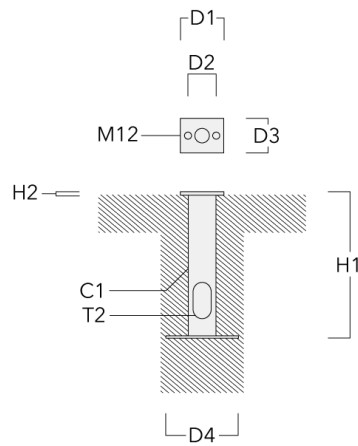
**Configurations**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	114-0140	LED-6/12W / 700 mA - 3000 K	1423.9	14.5 W	80	15.10
	114-0141	LED-6/12W / 700 mA - 4000 K	1522.1	14.5 W	80	15.10
	114-0142	LED-6/18W / 1050 mA - 3000 K	1937.7	21 W	80	15.10
	114-0143	LED-6/18W / 1050 mA - 4000 K	2027.8	21 W	80	15.10
	114-0144	LED-6/26W / 1400 mA - 3000 K	2478.5	29 W	80	15.10
	114-0145	LED-6/26W / 1400 mA - 4000 K	2591.1	29 W	80	15.10
	114-0190	LED-6/12W / 700 mA - 2700 K	1325.7	14.5 W	80	15.10
	114-0191	LED-6/18W / 1050 mA - 2700 K	1847.6	21 W	80	15.10
	114-0192	LED-6/26W / 1400 mA - 2700 K	2343.3	29 W	80	15.10
asymmetric, side throw [S70] 	114-0134	LED-6/12W / 700 mA - 3000 K	1367.8	14.5 W	80	15.10
	114-0135	LED-6/12W / 700 mA - 4000 K	1462.2	14.5 W	80	15.10
	114-0136	LED-6/18W / 1050 mA - 3000 K	2137.5	21 W	80	15.10
	114-0137	LED-6/18W / 1050 mA - 4000 K	2237	21 W	80	15.10
	114-0138	LED-6/26W / 1400 mA - 3000 K	2734.1	29 W	80	15.10
	114-0139	LED-6/26W / 1400 mA - 4000 K	2858.3	29 W	80	15.10
	114-0187	LED-6/12W / 700 mA - 2700 K	1273.5	14.5 W	80	15.10
	114-0188	LED-6/18W / 1050 mA - 2700 K	2038.1	21 W	80	15.10
	114-0189	LED-6/26W / 1400 mA - 2700 K	2584.9	29 W	80	15.10
rectangular, side throw [R65] 	114-0146	LED-6/12W / 700 mA - 3000 K	1229.6	14.5 W	80	15.10
	114-0147	LED-6/12W / 700 mA - 4000 K	1314.4	14.5 W	80	15.10
	114-0148	LED-6/18W / 1050 mA - 3000 K	1909.5	21 W	80	15.10
	114-0149	LED-6/18W / 1050 mA - 4000 K	1998.3	21 W	80	15.10
	114-0150	LED-6/26W / 1400 mA - 3000 K	2442.4	29 W	80	15.10
	114-0151	LED-6/26W / 1400 mA - 4000 K	2553.4	29 W	80	15.10
	114-0193	LED-6/12W / 700 mA - 2700 K	1144.8	14.5 W	80	15.10
	114-0194	LED-6/18W / 1050 mA - 2700 K	1820.7	21 W	80	15.10
	114-0195	LED-6/26W / 1400 mA - 2700 K	2309.2	29 W	80	15.10

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!