

PSY424 LED

Bollards and pathway luminaires

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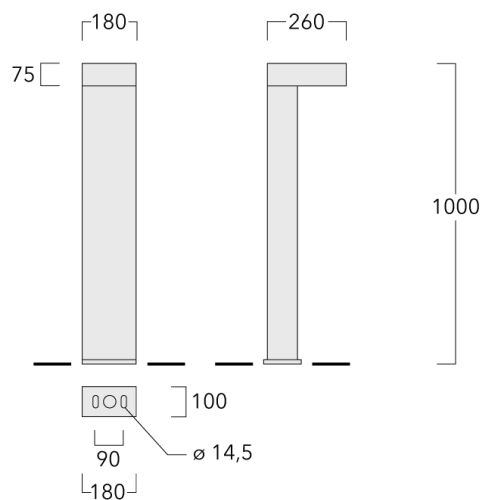
Riverbend Park Launceston, AUS

PSY424 LED

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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.

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Specifications

Material Specification

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_R_ Controlled Compression Gasket
Fasteners:	PCS Polymer Coated Stainless Steel Hardware
Ingress protection:	IP66/IP67
Impact protection:	IK10
Corrosion protection:	5CE
Surge protection:	10kV (SP10)
Mounting:	Anchor Bolts Included, Installation Template Provided With Order

Electrical Specification

Power supply:	220-240V / 50-60 Hz
Power factor:	> 0.9
Driver / Ballast:	DALI

Lifetime

Ta=25° L90B10 > 90000h

Energy efficiency class

C-D (Light source)

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Choices

Light Distributions	Nominal Lumen	Nominal Watt	Colour Temperatures	Colours
 asymmetric, 'side throw' [S70]	1620	12	 2700 K	 RAL9004 Signal black
	1740	18		
 asymmetric, 'forward throw' [A60]	1860	26	 3000 K	 RAL9006 White aluminium
	2460			
 rectangular, 'side throw' [R65]	2580		 4000 K	 RAL9007 Grey aluminium
	2700			
	3120			
	3300			 RAL7016 Anthracite grey
	3450			 RAL9016 Traffic white

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Configurations

Light Distributions	Part ID	Light Source	Rated Lumens	Rated Input Power	CRI	Weight	Link
	114-0187	LED-6/12W / 700 mA - 2700 K	1273.5	14.5	80	15.10	 
	114-0134	LED-6/12W / 700 mA - 3000 K	1367.8	14.5	80	15.10	 
	114-0135	LED-6/12W / 700 mA - 4000 K	1462.2	14.5	80	15.10	 
	114-0188	LED-6/18W / 1050 mA - 2700 K	2038.1	21	80	15.10	 
	114-0136	LED-6/18W / 1050 mA - 3000 K	2137.5	21	80	15.10	 
	114-0137	LED-6/18W / 1050 mA - 4000 K	2237	21	80	15.10	 
	114-0189	LED-6/26W / 1400 mA - 2700 K	2584.9	29	80	15.10	 
	114-0138	LED-6/26W / 1400 mA - 3000 K	2734.1	29	80	15.10	 
	114-0139	LED-6/26W / 1400 mA - 4000 K	2858.3	29	80	15.10	 
	114-0190	LED-6/12W / 700 mA - 2700 K	1325.7	14.5	80	15.10	 
	114-0140	LED-6/12W / 700 mA - 3000 K	1423.9	14.5	80	15.10	 
	114-0141	LED-6/12W / 700 mA - 4000 K	1522.1	14.5	80	15.10	 
	114-0191	LED-6/18W / 1050 mA - 2700 K	1847.6	21	80	15.10	 
	114-0142	LED-6/18W / 1050 mA - 3000 K	1937.7	21	80	15.10	 
	114-0143	LED-6/18W / 1050 mA - 4000 K	2027.8	21	80	15.10	 
	114-0192	LED-6/26W / 1400 mA - 2700 K	2343.3	29	80	15.10	 
	114-0144	LED-6/26W / 1400 mA - 3000 K	2478.5	29	80	15.10	 
	114-0145	LED-6/26W / 1400 mA - 4000 K	2591.1	29	80	15.10	 
	114-0193	LED-6/12W / 700 mA - 2700 K	1144.8	14.5	80	15.10	 
	114-0146	LED-6/12W / 700 mA - 3000 K	1229.6	14.5	80	15.10	 
	114-0147	LED-6/12W / 700 mA - 4000 K	1314.4	14.5	80	15.10	 
	114-0194	LED-6/18W / 1050 mA - 2700 K	1820.7	21	80	15.10	 
	114-0148	LED-6/18W / 1050 mA - 3000 K	1909.5	21	80	15.10	 
	114-0149	LED-6/18W / 1050 mA - 4000 K	1998.3	21	80	15.10	 
	114-0195	LED-6/26W / 1400 mA - 2700 K	2309.2	29	80	15.10	 
	114-0150	LED-6/26W / 1400 mA - 3000 K	2442.4	29	80	15.10	 
	114-0151	LED-6/26W / 1400 mA - 4000 K	2553.4	29	80	15.10	 

Related Families / PSY400

Family		Dimensions	Wattage	Nominal Lumen	Links	
					Links	Download Data Sheet
PSY414 LED		600	6 -13 W	810 -1725	 	 
PSY424 LED		1000	12 -26 W	1620 -3450	 	 

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Technical modifications and errors excepted

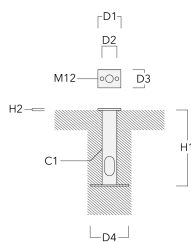
Mounting Accessories

Planted root

Planted root made from hot dipped galvanized steel. Includes mounting hardware. Supports installation of EM short post in landscaped areas.

■ 300-9115 Planted root ESV2

C1	D1	D2	D3	D4	H1	H2	Weight (kg)
76	120	90	95	200	400	10	3.8



Control

DALI interface

The luminaire is equipped with a DT6 Dali driver (Dali 2.0). 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!

■ 430-0013 DALI interface