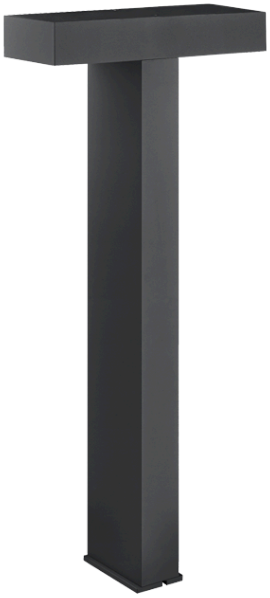
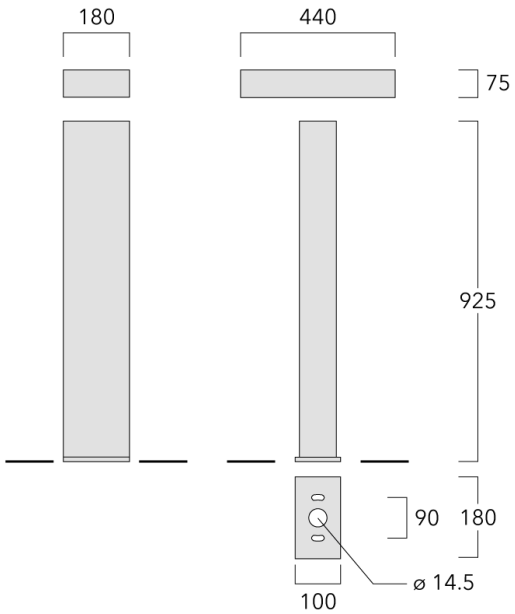
PTY424 LED

Bollards and pathway luminaires





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.

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
Ingress protection	IP66/IP67
Impact resistance	IK10
Corrosion resistance	5CE

Electrical description

Driver / Ballast	Integral EC electronic converter
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

Options

Light distribution

asymmetric, side throw [S70/S70]

asymmetric, forward throw [A60/A60]

rectangular, side throw [R65/R65]

Colour temperature

2700 K

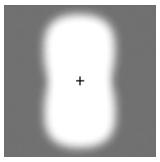
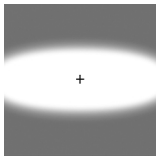
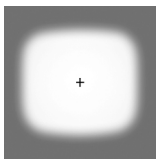
3000 K

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/A60] 	114-9789	LED-2x6/24W / 700 mA - 2700 K	2639.9	27 W	80	19.00
	114-9790	LED-2x6/24W / 700 mA - 3000 K	2835.5	27 W	80	19.00
	114-9791	LED-2x6/24W / 700 mA - 4000 K	3031	27 W	80	19.00
	114-9792	LED-2x6/36W / 1050 mA - 2700 K	3675.1	40 W	80	19.00
	114-9793	LED-2x6/36W / 1050 mA - 3000 K	3854.4	40 W	80	19.00
	114-9794	LED-2x6/36W / 1050 mA - 4000 K	4033.6	40 W	80	19.00
	114-9795	LED-2x6/52W / 1400 mA - 2700 K	4661.1	53 W	80	19.00
	114-9796	LED-2x6/52W / 1400mA - 3000 K	4930	53 W	80	19.00
	114-9797	LED-2x6/52W / 1400mA - 4000 K	5154.1	53 W	80	19.00
asymmetric, side throw [S70/S70] 	114-9771	LED-2x6/24W / 700 mA - 2700 K	2530	27 W	80	19.00
	114-9772	LED-2x6/24W / 700 mA - 3000 K	2717.4	27 W	80	19.00
	114-9773	LED-2x6/24W / 700 mA - 4000 K	2904.8	27 W	80	19.00
	114-9774	LED-2x6/36W / 1050 mA - 2700 K	4050.2	40 W	80	19.00
	114-9775	LED-2x6/36W / 1050 mA - 3000 K	4247.8	40 W	80	19.00
	114-9776	LED-2x6/36W / 1050 mA - 4000 K	4445.3	40 W	80	19.00
	114-9777	LED-2x6/52W / 1400 mA - 2700 K	5136.8	53 W	80	19.00
	114-9778	LED-2x6/52W / 1400mA - 3000 K	5433.2	53 W	80	19.00
	114-9779	LED-2x6/52W / 1400mA - 4000 K	5680.2	53 W	80	19.00
rectangular, side throw [R65/R65] 	114-9780	LED-2x6/24W / 700 mA - 2700 K	2278.7	27 W	80	19.00
	114-9781	LED-2x6/24W / 700 mA - 3000 K	2447.5	27 W	80	19.00
	114-9782	LED-2x6/24W / 700 mA - 4000 K	2616.3	27 W	80	19.00
	114-9783	LED-2x6/36W / 1050 mA - 2700 K	3622.6	40 W	80	19.00
	114-9784	LED-2x6/36W / 1050 mA - 3000 K	3799.3	40 W	80	19.00
	114-9785	LED-2x6/36W / 1050 mA - 4000 K	3976	40 W	80	19.00
	114-9786	LED-2x6/52W / 1400 mA - 2700 K	4594.5	53 W	80	19.00
	114-9787	LED-2x6/52W / 1400mA - 3000 K	4859.5	53 W	80	19.00
	114-9788	LED-2x6/52W / 1400mA - 4000 K	5080.4	53 W	80	19.00

Control

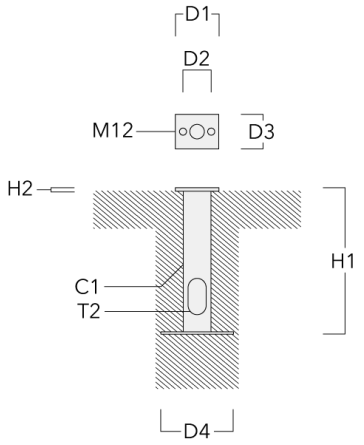
1-10 V analogue dimming interface

Description	Part ID	C
1-10 V analogue dimming interface	430-0011	90

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). 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!	90

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