Passway

High-performance bollard luminaires with excellent light distribution



The Thorlux Passway is a high-performance lighting bollard with a contemporary appearance.

To ensure maximum flexibility, Passway offers both pathway and area light distributions, which can be selected on-site. Passway's robust construction, elegant design, and efficient lighting performance make it an excellent choice for many outdoor applications. The superior optics allow the Passway to be spaced further apart than conventional bollards, requiring fewer luminaires to light a space, whilst still achieving high uniformity and very low levels of upward light projection.

SmartScan Radar versions provide all the benefits of SmartScan lighting management while maintaining the luminaire's vandal-resistant qualities.

Applications: pathways, open spaces, car parks, stairs, and perimeter building illumination.

- Superb photometric performance for wide spacings and excellent uniformity
- Less than 2% upward light
- On-board selector switch provides on-site adjustment between area and pathway distributions
- Large access door makes installation simple (Requires a T40 pin Torx security bit - see accessories)
- Extremely long life, up to 100,000 hours
- SmartScan Radar versions with sensor discretely hidden behind the cover
- Warmer colour temperatures available to special order

IP66 IK10 SMARTSCAN LUXGUARD

Specification

Mounting	**Root** **Surface**	IP rating	**IP66**
Impact rating	**IK10**	Nominal size	**900 mm** **1100 mm**

Passway

Lighting

Distribution	**Area / Pathway**	Lumen output (multiple)	**Up to Area - 1495 / Pathway - 780 lm**
Efficacy (multiple)	**Up to Area - 62.5 LL/CW / Pathway - 50.0 LL/CW**	External upward light	**< 2% upward light**

Emergency data

Emergency lumen output	**190 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power (multiple)	**Up to Area - 21 W / Pathway - 11 W**	Circuit power (multiple)	**Up to Area - 25 W / Pathway - 14 W**

Construction

Housing	**Extruded aluminium body and die-cast aluminium head unit**	Finish	**Full polyester powder coat**
Body colour	**Graphite**	Optical assembly	**High performance optics for area or pathway distributions**
Cover fixings	**Stainless steel T40 pin Torx**		

LED characteristics

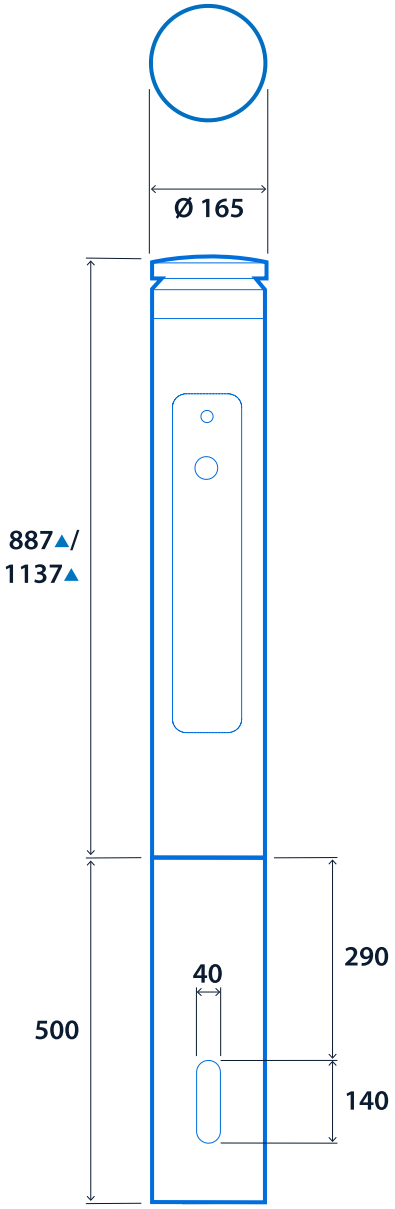
CRI	**70+**	Colour temperature	**2700 K** **4000 K**
Rated life (hours)	**100 K - L70/B10**	LED protection	**LUX Guard**
Driver efficiency	**>60%**	Replaceable light source	**Yes**
Power factor	**>0.75**	MacAdam ellipse	**5 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

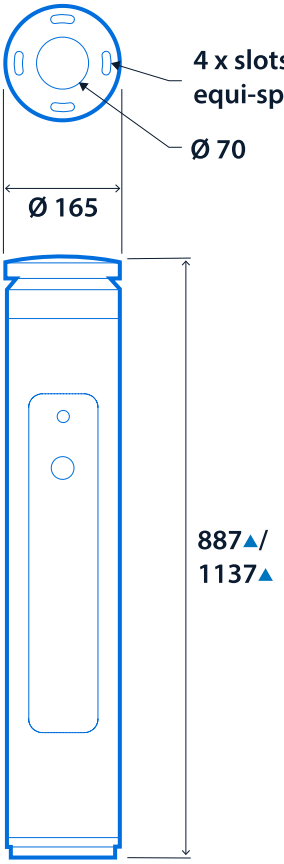
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class C**		

Dimensions

Root Mounting



Surface Mounting



▲ Add 60mm for SmartScan Radar versions

Passway

Range

Mounting	Nominal size	LED power	Emergency system (optional)	2700 K	4000 K	Lighting control system
Root	900 mm	Area 11 W / Pathway 5 W	**W / D* / E***	**PW20660**	**PW20420**	**R / L**
		Area 21 W / Pathway 11 W	**W / D* / E***	**PW20661**	**PW20421**	**R / L**
	1100 mm	Area 11 W / Pathway 5 W	**W / D* / E***	**PW20662**	**PW20422**	**R / L**
		Area 21 W / Pathway 11 W	**W / D* / E***	**PW20663**	**PW20423**	**R / L**
Surface	900 mm	Area 11 W / Pathway 5 W	**W / D* / E***	**PW20664**	**PW20424**	**R / L**
		Area 21 W / Pathway 11 W	**W / D* / E***	**PW20665**	**PW20425**	**R / L**
	1100 mm	Area 11 W / Pathway 5 W	**W / D* / E***	**PW20666**	**PW20426**	**R / L**
		Area 21 W / Pathway 11 W	**W / D* / E***	**PW20667**	**PW20427**	**R / L**

* **Only** available with **L** control type

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **D** DALI / SelfTest Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **R** SmartScan Radar / **L** Non-dimming

E.g. **WPW20660R** = 900 mm / Area 11 W / Pathway 5 W / SmartScan Emergency / 2700 K / SmartScan Radar

Accessories

Product code	Description	Weight
PW19918	Surface mounting - Root kit	-
PW19919	Surface mounting - J-bolt kit	-
KEY16989	T40 pin Torx bit - Suitable for magnetic bit holder	-



Click or scan here

View Passway variants using our online filtering tool



Information is correct as of 16 Nov 2026, however must not be interpreted as a guarantee of individual product performance and/or characteristics. We reserve the right to alter specifications and designs without prior notice.