Pitlight

Stainless steel, heavy-duty, corrosion-resistant luminaires



A heavy-duty, corrosion-resistant luminaire manufactured from 1.6 mm stainless steel, the Thorlux Pitlight has been designed to provide powerful lighting in tough engineering environments, notably vehicle inspection pits in the rail industry or vehicle garages.

The IP66-rated Pitlight is available with a choice of polycarbonate or 5 mm toughened safety glass front panels.

Applications: workshops, garages, depots, and railway sidings.

- Body in 1.2 mm and front frame in 1.6 mm stainless steel
- 5 mm clear, flat, polycarbonate panel or 5 mm clear toughened/safety glass
- Asymmetric light distribution
- Quick-release front cover
- Specialist designs to suit application (subject to minimum order quantity)
- Retro-fit LED gear trays for upgrading original fluorescent versions available to special order

IP66 **Up to 131.4 LL/CW** LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP66**

Lighting

Optic	**Clear glass cover** **Clear polycarbonate cover**	Distribution	**Asymmetric**
Lumen output	**3,865 lm - 5,255 lm**	Efficacy	**Up to 131.4 LL/CW**

Emergency data

Emergency type	**Maintained**	Emergency duration	**3 hours**
Battery specification	**Nickel Metal Hydride (NiMH)**		

Power

LED power	**27 W - 35 W**	Circuit power	**34 W - 40 W**

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Construction

Housing	**Body constructed from 1.2 mm and frame constructed from 1.6 mm stainless steel**	Optical assembly	**5 mm flat polycarbonate panel 5 mm flat polycarbonate panel or 5 mm clear toughened/safety glass 5 mm flat toughened/safety glass**
Gasket	**Long life silicone gasket**		

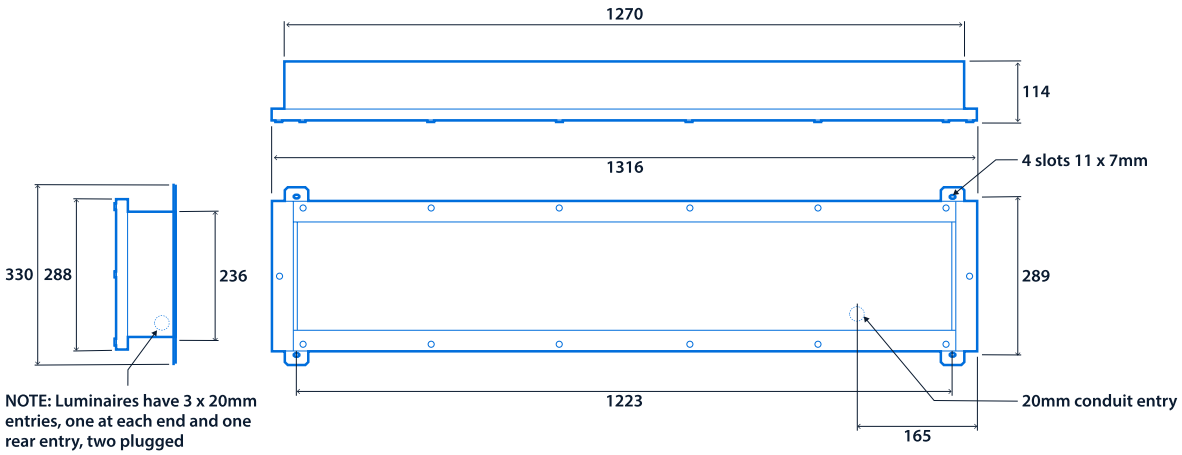
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>87%**	Replaceable light source	**Yes**
Power factor	**>0.95**	MacAdam ellipse	**3 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 B**		

Dimensions



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Range

LED power	Emergency system (optional)	Polycarbonate cover	Glass cover	Lighting control system
27 W	**T / E**	**PG20290**	**PG20292**	**L**
35 W	**T / E**	**PG20291**	**PG20293**	**L**

Emergency system - prefix catalogue number with **T** AutoTest Emergency / **E** Standard Emergency
Lighting control system - suffix catalogue number with **L** Non-dimming

E.g. **TPG20290L** = 27 W / AutoTest Emergency / Non-dimming



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Information is correct as of 05 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.