Thoroseal LED Type 'n'

Hazardous area LED high-bay luminaires

The Thoroseal LED Type 'n' is an IP65-sealed LED high-bay luminaire with a strong, die-cast aluminium body.

This luminaire is suitable for use in areas classified as low impact risk, with a sealed, clear, flat, toughened/safety glass cover for suspended or surface-mount applications. Thoroseal LED Type 'n' is rated IP65 and suitable for temperatures ranging from -20°C to +40°C.

Applications: Zone 2 & 22 areas.

- Suitable for use in areas classified as low impact risk
- Broad and narrow distribution
- Suitable for ambient temperatures of -20°C to +40°C



IP65 **156.3 LL/CW**

Specification

Mounting	**Surface** **Suspended**	IP rating	**IP65**

Lighting

Optic	**Clear cover**	Distribution	**Broad** **Narrow**
Lumen output	**15,000 lm - 30,000 lm**	Efficacy	**156.3 LL/CW**

Power

LED power	**88 W - 176 W**	Circuit power	**96 W - 192 W**

Construction

Housing	**Die-cast aluminium body**	Finish	**Full polyester powder coat**
Body colour	**Light Grey**	Optical assembly	**Toughened safety glass cover(s)**

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LED characteristics

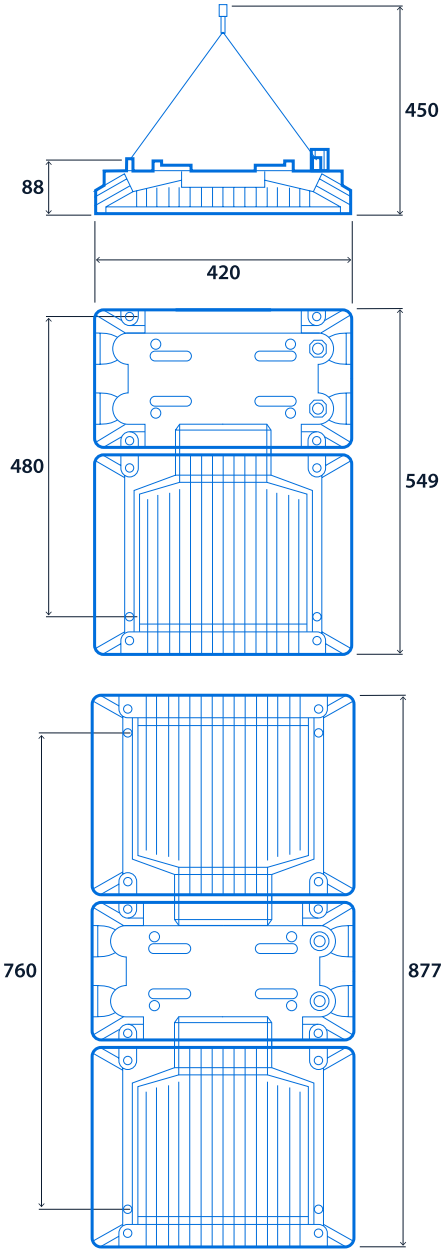
CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L70/B10**	LED protection	**-**
Driver efficiency	**>90%**	Power factor	**>0.9**
MacAdam ellipse	**3 Step**	Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**

Compliance

UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class C**	Hazardous compliance	**II 3 D Ex tc IIIC T100°C Dc II 3 G Ex nR IIC T4 Gc**
ATEX certified	**Yes**		

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Dimensions



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Range

Product version	LED power	Broad	Narrow	Lighting control system
Single wing	88 W	**TH20046**	**TH20048**	**L**
Twin wing	176 W	**TH20047**	**TH20049**	**L**

Lighting control system - suffix catalogue number with **L** Non-dimming

E.g. **TH20046L** = Single wing / 88 W / Broad / Non-dimming

Accessories

Product code	Description	Weight
TH16865	Surface mounting brackets - Two per kit	0.2 kg
TH16864	Wire suspension kit - Two per kit	0.9 kg



QR Code

Click or scan here

View Thoroseal LED Type 'n' variants using our online filtering tool



Information is correct as of 17-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.