Tunnel-Line

Highly efficient, corrosion-resistant tunnel luminaires



A robust, extremely efficient luminaire designed for sub-surface applications. With efficiencies of up to 161.6 LL/CW and compliant to EN45545-2, the Tunnel-Line is an energy-saving and durable solution for tunnel applications.

The advanced lateral light distribution provides uniform lighting whilst still achieving impressive luminaire spacings. Available in either one- or two-wall bracket mounting methods, with options for a DIN rail or ceramic terminal block. Rated to IP66 with a glass clear cover as standard.

Applications: tunnels, rail tunnels

- Corrosion-resistant 1.5 mm stainless steel (grade 316) luminaire body
- Designed to easily replace existing luminaires using identical M10 fixing centres and twin cable glands suitable for 3-core 16 mm² SWA cable
- Tool-free access for easy maintenance with modular replacement parts
- Material construction suitable for use in subsurface applications, with low plastic content and EN45545-2 approved gaskets
- Safety mechanisms retain the door in a secure position, preventing it swinging open
- SmartScan sensor offers wireless reporting, grouping and fault monitoring

IP66 **IK08** **Up to 161.6 LL/CW** SMARTSCAN LED PROTECT **TM66 circularity score 2.8**

Specification

Mounting	**Surface**	IP rating	**IP66**
Impact rating	**IK08**		

Sustainability

TM66 circularity score	**2.8**

Lighting

Optic	**Clear glass cover**	Distribution	**Wide**
Lumen output	**1,370 lm - 3,440 lm**	Efficacy	**Up to 161.6 LL/CW**

Power

LED power	**8 W - 20 W**	Circuit power	**11 W - 23 W**

Construction

Housing	**1.5 mm corrosion resistant 316L stainless steel body**	Body colour	**Silver**
Optical assembly	**Toughened safety glass cover**	Gasket	**Long life silicone gasket**

LED characteristics

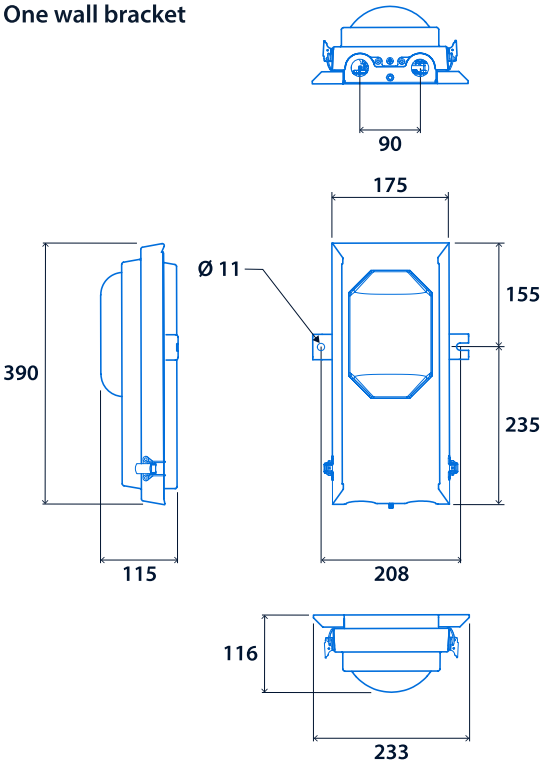
CRI	**70+**	Colour temperature	**3000 K** **4000 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**LED Protect**
Driver efficiency	**>85%**	Replaceable light source	**Yes**
Power factor	**>0.9**	MacAdam ellipse	**5 Step**
Flicker metric	**IEC TR 61547-1: PstLM ≤1.0 / SVM ≤0.4**		

Compliance

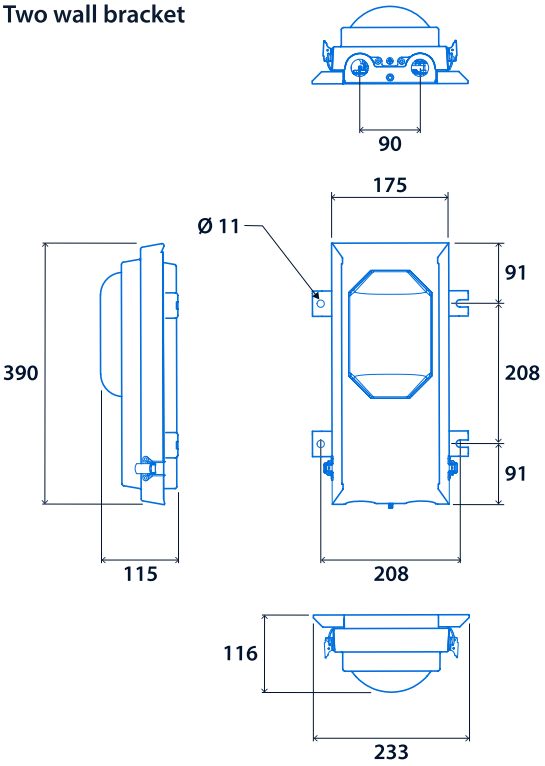
UKCA	**Yes**	CE	**Yes**
Energy efficiency class	**This product contains a light source of energy efficiency class C**		

Dimensions

One wall bracket



Two wall bracket



Tunnel-Line

Range

Product	LED power	Optic	Colour temperature	Terminal Block	Mounting	Lighting control system
TL Tunnel-Line	**08** 8 W **10** 10 W **14** 14 W **17** 17 W **20** 20 W	**W** Wide	**3** 3000 K **4** 4000 K	**C** Ceramic terminal block **D** DIN rail terminal block	**1** One bracket **2** Two brackets	**S** SmartScan Internal▲ **A** Dimming (DALI) **L** Non-dimming

▲ SmartScan reporting, group control and fault monitoring only, no PIR detection or Photocell functionality

E.g. **TL08W3C1S** = Tunnel-Line / 8 W / Wide / 3000 K / Ceramic terminal block / One bracket / SmartScan Internal



One bracket version



Two bracket version with SmartScan





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View Tunnel-Line 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.