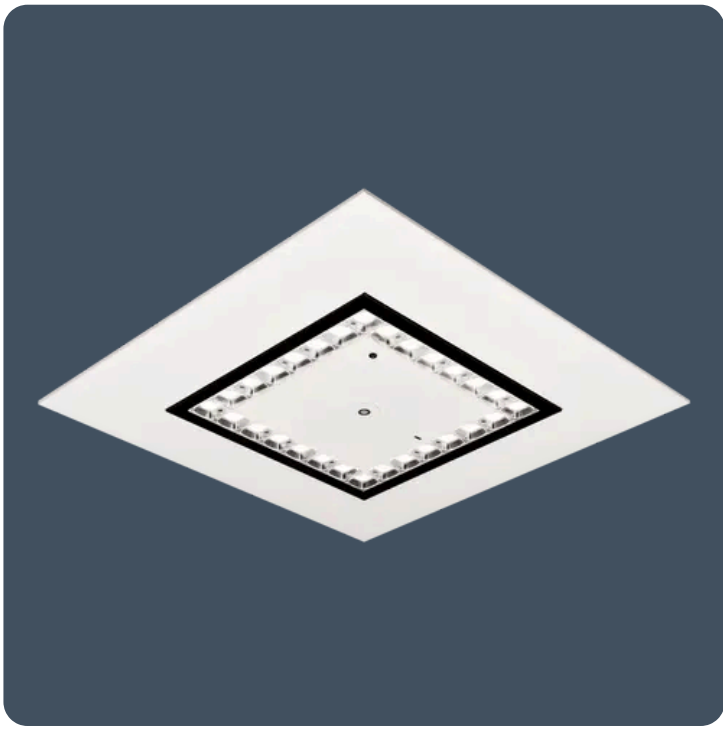
Tetra Max

High efficiency, low glare recessed luminaires



The Tetra Max is a modern 600 x 600 recessed luminaire that offers unparalleled glare control and energy efficiency. Utilising an optical design that combines a reflector and individual optical lenses for each LED. Compliant with EN12464-1 / LG7 (<1500 cd/m² @ 65°)

With a shallow depth of just 40 mm / 69 mm with TEE-piece (SmartScan versions) and easy access drop down gear tray, the Tetra Max has been designed with efficient installation and maintenance in mind.

Applications: Offices, meeting rooms, call centres, libraries, control rooms, reception areas and circulation areas.

- Ultra low glare with custom optical system
- <1500 cd/m² @ 65° (EN12464-1 / LG7 compliance)
- Drop down centre gear tray for easy access / maintenance
- High efficiency (up to 170 LL/CW)
- Shallow body depth of 40 mm or 69 mm for SmartScan versions with TEE-piece
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
- Suitable for most ceiling types, with optional side arm suspension and plasterboard mounting kits

Notes: To maintain a shallow 40 mm profile on SmartScan variants, suffix part number with 'NT' to specify without TEE piece.

IP20 **Up to 170.7 LL/CW** SMARTSCAN LUXGUARD **TM66 circularity score 2.5**

Specification

Mounting	**Recessed**	IP rating	**IP20**
Nominal size	**600 x 600 mm**	Max presence detection height	**8 m**

Sustainability

TM66 circularity score	**2.5**

Tetra Max

Lighting

Distribution	**Area**	Lumen output	**2,390 lm - 4,050 lm**
Efficacy	**Up to 170.7 LL/CW**		

Emergency data

Emergency lumen output	**420 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**13 W - 23 W**	Circuit power	**14 W - 25 W**

Construction

Housing	**Zinc coated steel body**	Finish	**Full polyester powder coat**
Body colour	**Black (RAL 9005)** **White (RAL 9016)**	Optical assembly	**Custom optical system combining a reflector and optical lens for each LED**

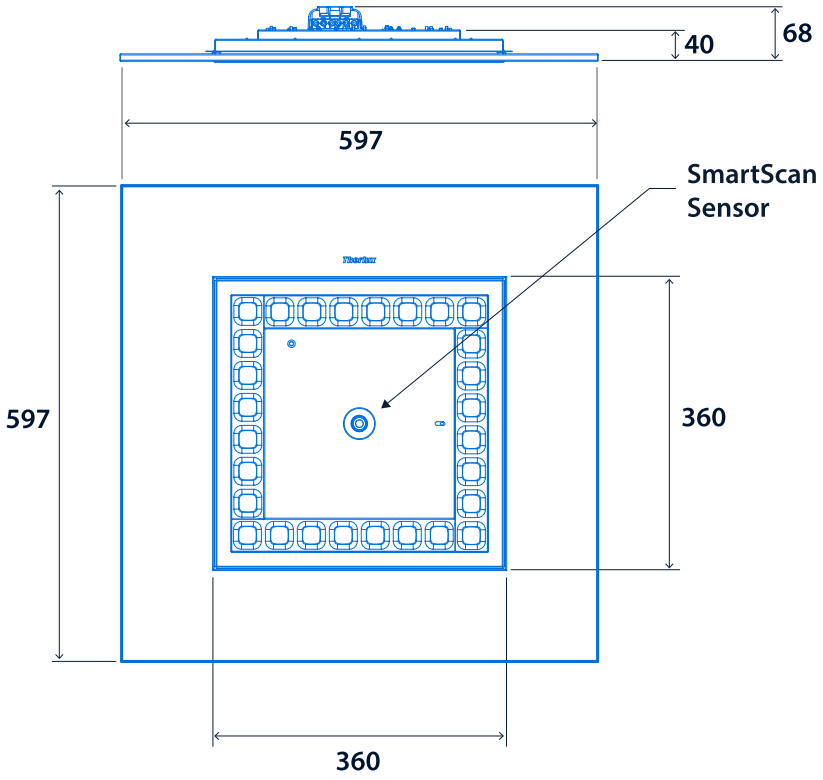
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**	LED protection	**LUX Guard**
Driver efficiency	**>88%**	Replaceable light source	**Yes**
Power factor	**>0.93**	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 A**		

Dimensions

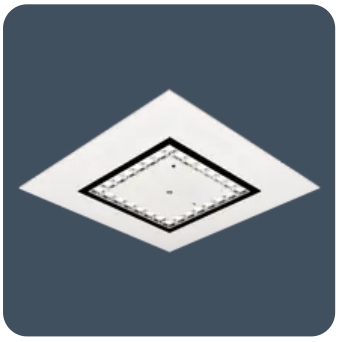


Range

Emergency system (optional)	Product	LED power	Mounting	Size	Lighting control system
W SmartScan Emergency*	**TMX** Tetra Max	**13** 13 W	**R** Recessed	**M** 600 x 600	**S** SmartScan Internal
D DALI / Self-Test Emergency**		**19** 19 W			**A** Dimming (DALI)
E Standard Emergency**		**23** 23 W			**L** Non-dimming

* **Only** available with **S** control type ** **Only** available with **A / L** control type

E.g. **WTMX13RMS** = SmartScan Emergency / Tetra Max / 13 W / Recessed / 600 x 600 / SmartScan Internal





Custom optical system



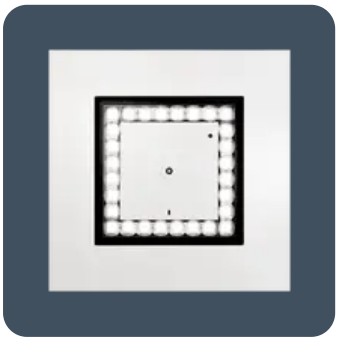


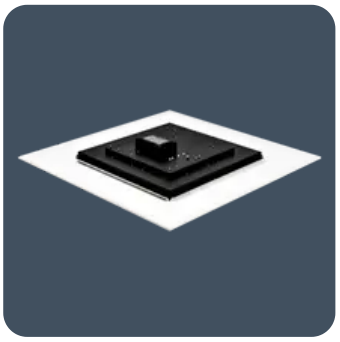
Access hatch



SmartScan sensor









Click or scan here

View Tetra Max 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.