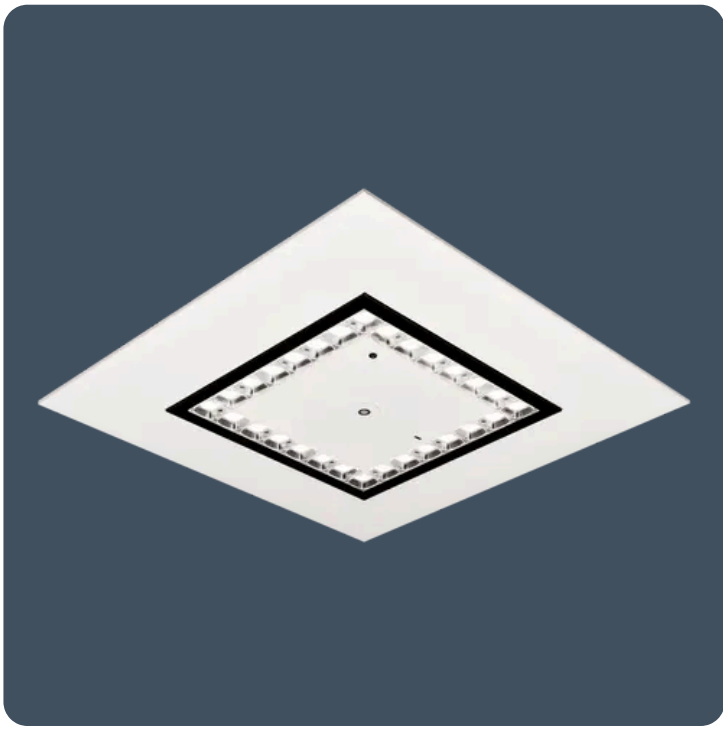
Tetra Max

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

Specification

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

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**

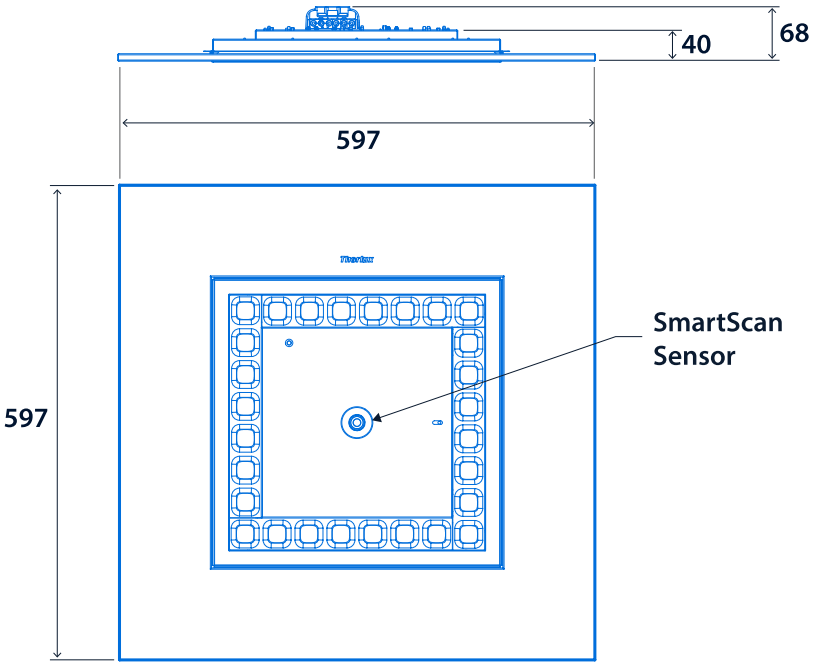
LED characteristics

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

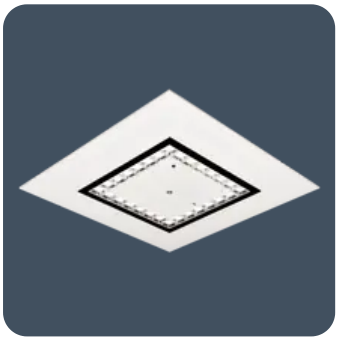


Range

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



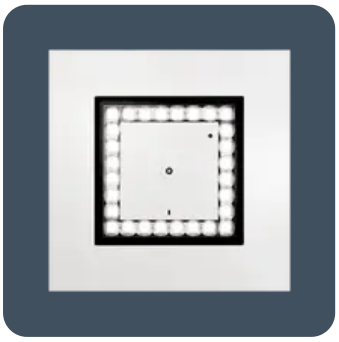


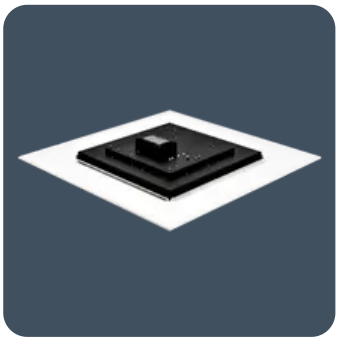
Access hatch



SmartScan sensor









Click or scan here

View Tetra Max variants using our online filtering tool



Information is correct as of 02-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.