Tetra

Recessed LED square downlighters

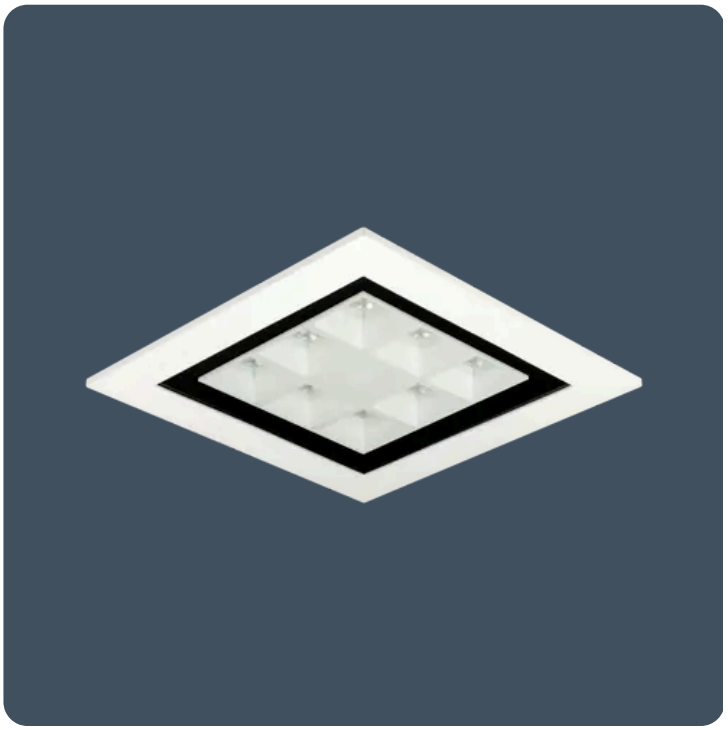
Tetra is a recessed square luminaire constructed from electro-zinc-coated steel, giving an elegant, low-profile appearance.

This modern downlighter provides a premium feel with superior glare control and brilliant performance. The 90-degree area optic allows Tetra to be used either individually or in conjunction with other luminaires.

Available with white, black or metallised polycarbonate reflectors, the Tetra integrates seamlessly into a broad range of interior environments. It is available with an IP40 rating as standard, with IK10 options for added durability in tougher environments.

Applications: ancillary areas, circulation, toilets, changing rooms, reception areas, and office break-out spaces.

- Black, metallised and white reflector options
- IK10 cover option available
- TM66 score of 2.6 - LIA/CIBSE certification scheme TSD-012 verified
- CRI 90 option available to special order
- SmartScan versions fitted with TEE connector for LCM wiring
- SmartScan wireless technology removed the need for control cabling. Ideal for retro-fit
- Supplied with remote gear unit



IP40 (IP20 above ceiling) **IK10** **Up to 137.3 LL/CW** SMARTSCAN LUXGUARD **TM66 circularity score 2.6**

Specification

Mounting	**Recessed**	IP rating	**IP40 (IP20 above ceiling)**
Impact rating	**IK10**	Max presence detection height	**8 m**

Sustainability

TM66 circularity score	**2.6**

Lighting

Lumen output	**1,185 lm - 2,470 lm**	Efficacy	**Up to 137.3 LL/CW**

Emergency data

Emergency lumen output	**310 lm - 395 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**9 W - 16 W**	Circuit power	**11 W - 18 W**

Construction

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

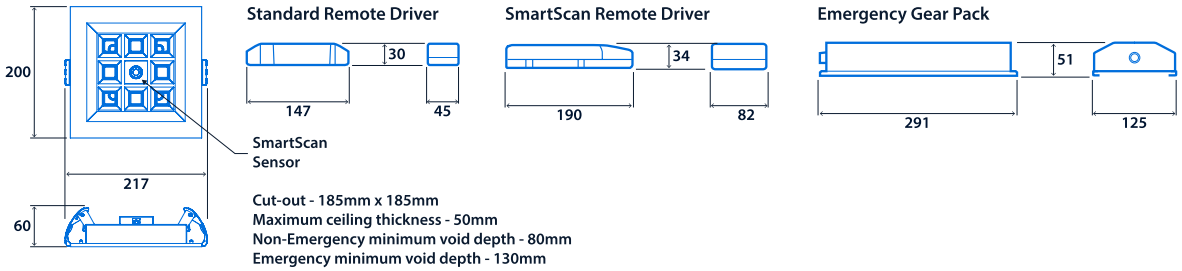
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**LUX Guard**
Driver efficiency	**>82%**	Replaceable light source	**Yes**
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 A**		

Dimensions



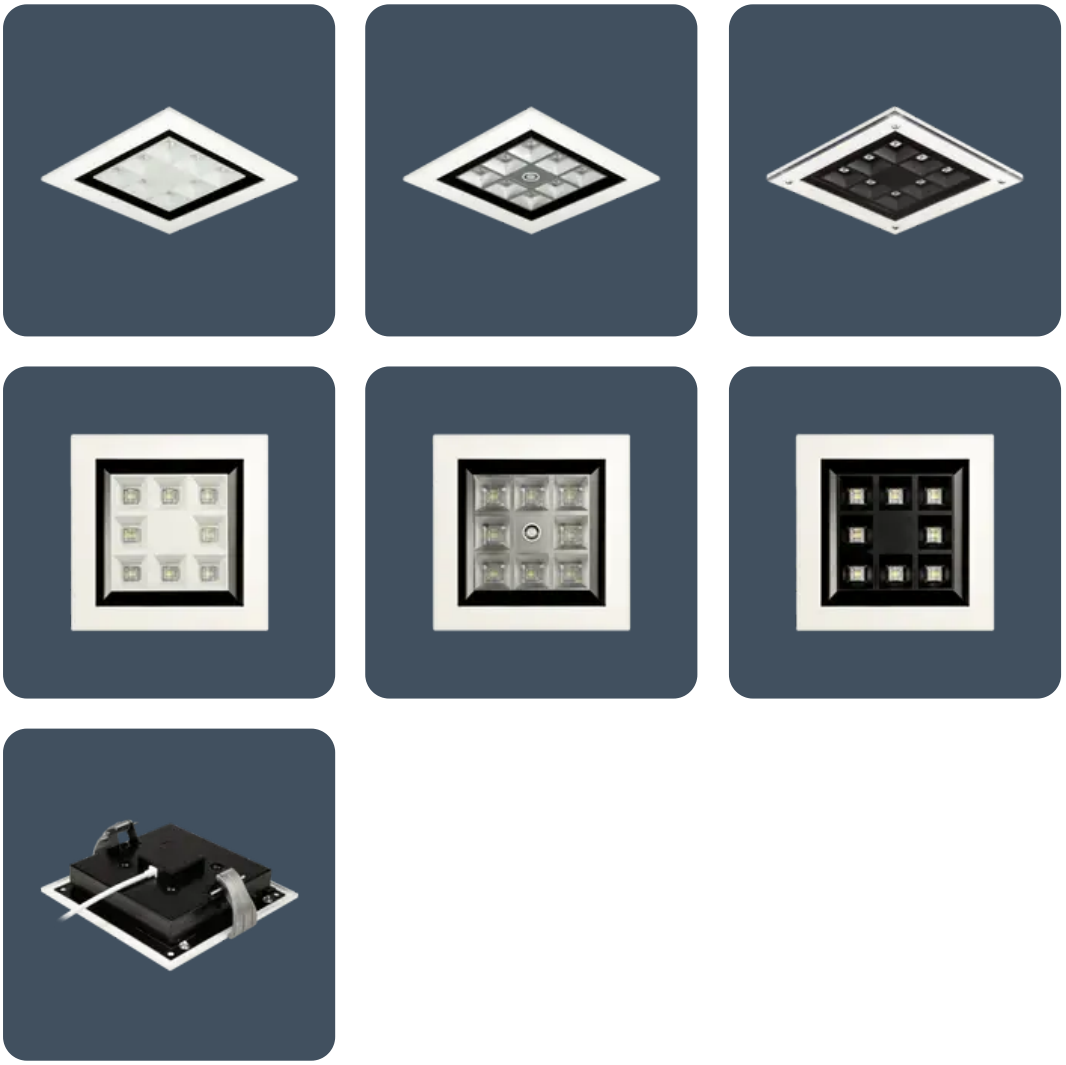
Cut-out - 185mm x 185mm
Maximum ceiling thickness - 50mm
Non-Emergency minimum void depth - 80mm
Emergency minimum void depth - 130mm

Range

Emergency system (optional)	Product	LED power	Optic	Reflector	Mounting	Product version	Lighting control system
W SmartScan Emergency*	**TA** Tetra	**09** 9 W	**A** Area 90°	**W** White	**R** Recessed	**X** Open	**S** SmartScan Internal
D DALI / Self-Test Emergency**		**16** 16 W		**M** Metallised		**K** IK10 cover**	**A** Dimming (DALI)
E Standard Emergency**				**B** Black			**L** Non-dimming

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

E.g. **WTA09AWRXS** = SmartScan Emergency / 9 W / Area 90° / White reflector / Recessed / Open / SmartScan Internal



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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.