# Tetra Surface

## Surface-mounted LED square downlighters

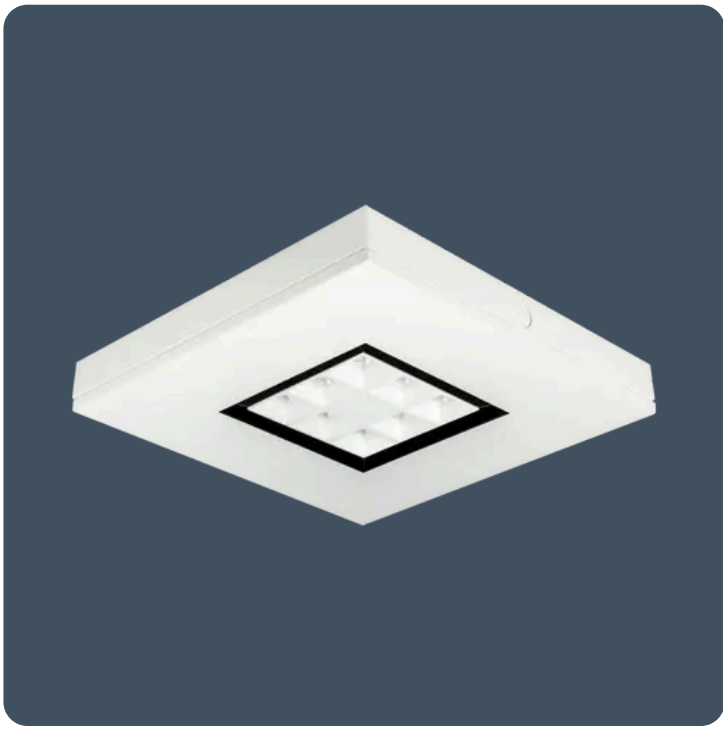
Tetra Surface is an elegant, low-profile, surface-mounted square luminaire, constructed from electro-zinc-coated steel.

This contemporary-looking downlighter offers a premium feel, combined with superior glare control and brilliant performance. The 90-degree area optic allows Tetra Surface to be used either individually or in conjunction with other luminaires.

Available with white, black, or metallised polycarbonate reflectors, the Tetra Surface will integrate seamlessly into a broad range of interior environments.

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

- Black, metallised and white reflector options
- CRI 90 option available to special order
- SmartScan wireless technology removed the need for control cabling. Ideal for retro-fit



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

## Specification

| | | | |
|---|---|---|---|
| Mounting | **Surface** | IP rating | **IP40 (IP20 above ceiling)** |
| Max presence detection height | **8 m** | | |

## Sustainability

| | |
|---|---|
| TM66 circularity score | **2.6** |

## Lighting

| | | | |
|---|---|---|---|
| Lumen output | **1,330 lm - 2,470 lm** | Efficacy | **Up to 137.3 LL/CW** |

## Emergency data

| | | | |
|---|---|---|---|
| Emergency lumen output | **350 lm - 395 lm** | Emergency type | **Non-maintained** |
| Emergency duration | **3 hours** | Battery specification | **Lithium Iron Phosphate (LiFePO4)** |

# Tetra Surface

## Power

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

## Construction

| | | | |
|---|---|---|---|
| Housing | **Zinc coated steel body and reflector** | Finish | **Full polyester powder coat** |
| Body colour | **Black (RAL 9005)** | Bezel colour | **White (RAL 9016)** |
| Reflector colour | **Black reflector**<br>**Metallised reflector**<br>**White reflector** | | |

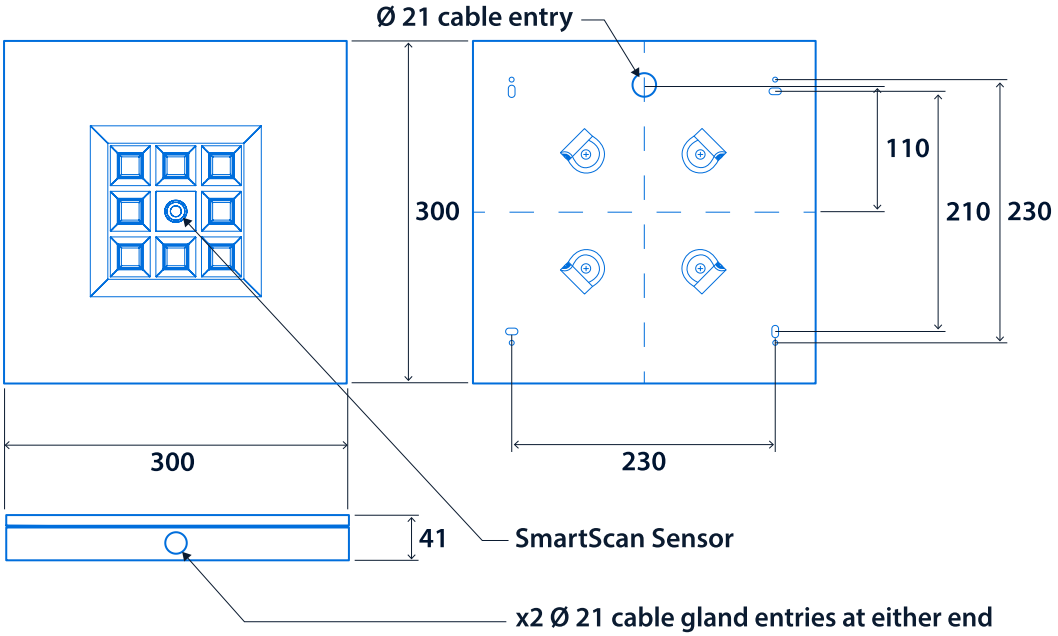
## LED characteristics

| | | | |
|---|---|---|---|
| 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** |
| C-Tick (Aus) | **Yes** | | |

## Dimensions


Ø 21 cable entry
300
110
210
230
300
230
41
SmartScan Sensor
x2 Ø 21 cable gland entries at either end

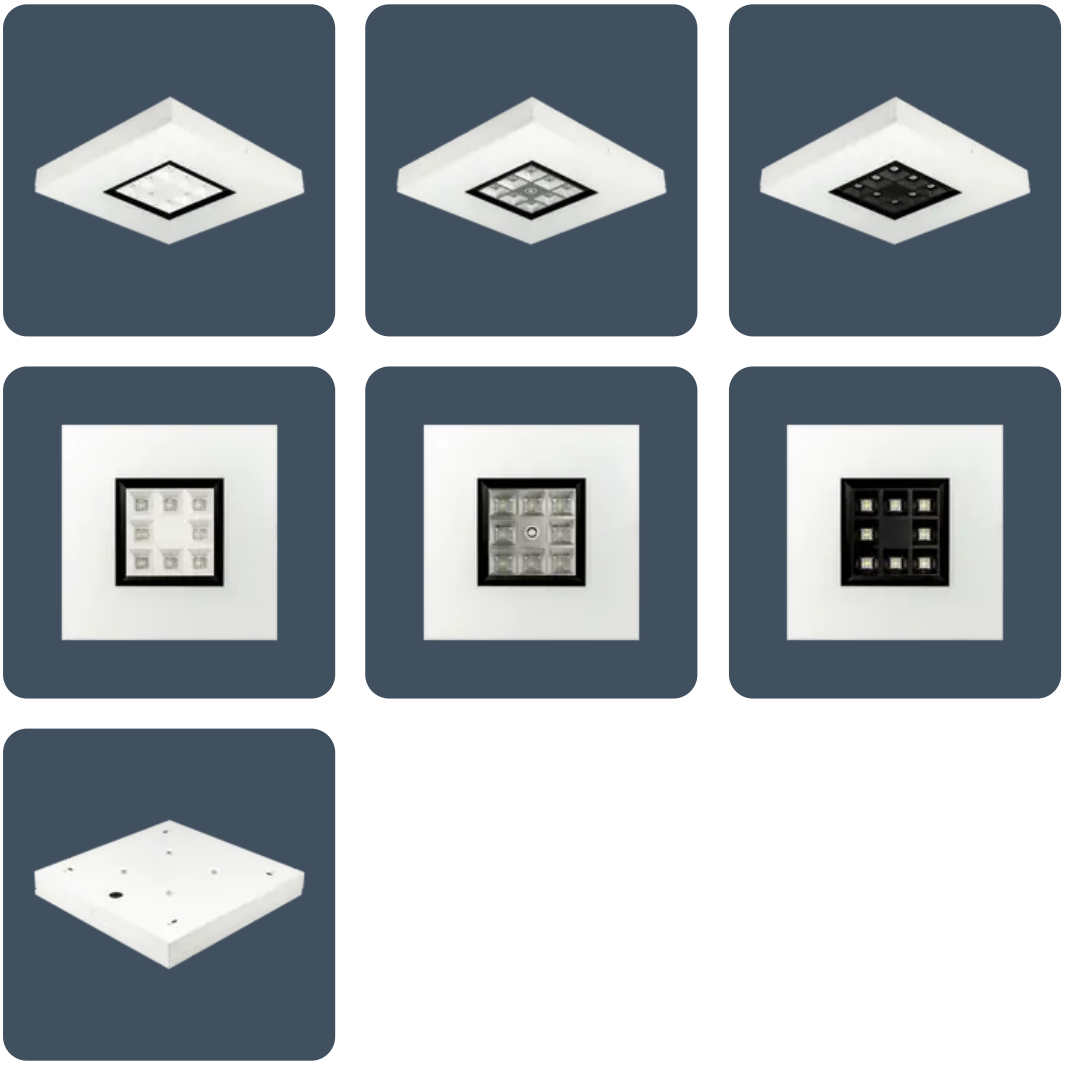
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## Range

| Emergency system (optional) | Product | LED power | Optic | Reflector | Mounting | Product version | Lighting control system |
|---|---|---|---|---|---|---|---|
| **W** SmartScan Emergency* | **TA** Tetra | **09** 9 W<br>**16** 16 W | **A** Area 90° | **W** White<br>**M** Metallised<br>**B** Black | **S** Surface | **X** Open | **S** SmartScan Internal<br>**A** Dimming (DALI)<br>**L** Non-dimming |

* **Only** available with **S** control type

E.g. **WTA09AWSXS** = SmartScan Emergency / 9 W / Area 90° / White reflector / Surface / Open / SmartScan Internal



## Click or scan here

**View Tetra Surface 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.