SkyDome

Thorlux Lighting

Domed polycarbonate diffuser luminaires

Highly efficient back-lit luminaires with a domed, polycarbonate diffuser.

SkyDome is part of the SkyCore family, a range of luminaires designed with sustainability and circularity principles in mind. SkyCore luminaires use the Fast-Fix wiring enclosure and Thorlux patented LUX Guard technology for fast installation, future flexibility and prolonged life.

Available in; recessed, surface and pendant mounting options.

Applications: classrooms, libraries, healthcare, break-out areas, canteens, circulation areas and entrance lobbies.

- Shallow body depth of 59 mm, 94 mm including the gearbox
- TM66 score of 2.7 - LIA/CIBSE certification scheme TSD-012 verified
- Domed diffuser provide excellent wall, ceiling and vertical illumination
- Suitable for most ceiling types with optional side arm suspensions and plasterboard mounting kits
- Designed to exclude dust, dirt and flies. All control gear is outside the LED enclosure
- Rapid installation using Fast-Fix wiring enclosure or SmartScan plug and play TEE connectors
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit
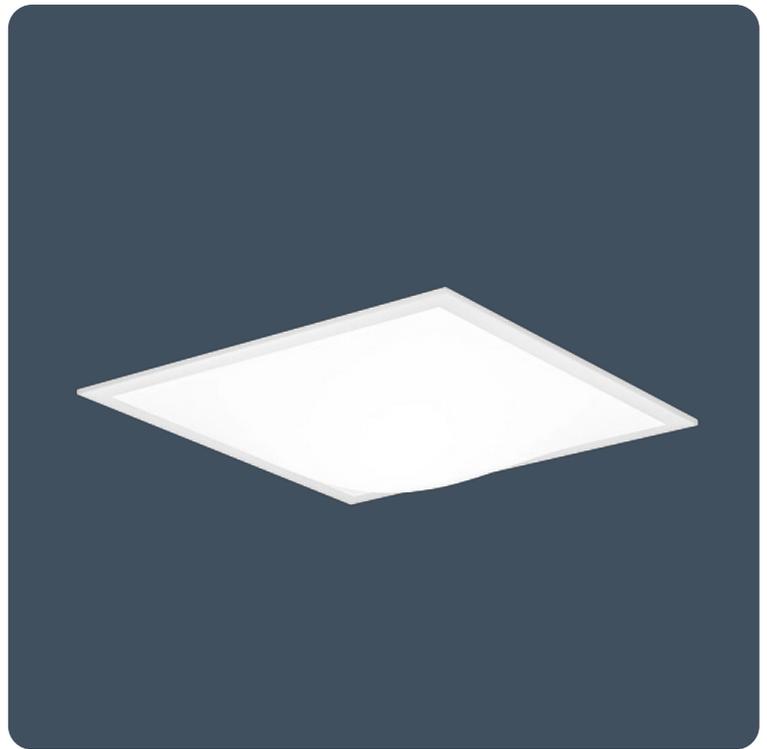
| Up to IP40 (IP20 above ceiling) | Up to IK09 | Up to 150.6 LL/CW | SMARTSCAN | LUXGUARD | TM66 circularity score 2.7 |

Specification

Mounting	Recessed Surface Suspended	IP rating	Up to IP40 (IP20 above ceiling)
Impact rating	Up to IK09	Nominal size	600 x 600 mm
Max presence detection height	8 m		

Sustainability

TM66 circularity score	2.7

Lighting

Optic	Opal diffuser	Lumen output	2,710 lm - 5,315 lm
Efficacy	Up to 150.6 LL/CW		

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Emergency data

Emergency lumen output	**330 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Nickel Metal Hydride (NiMH)**

Power

LED power	**15 W - 33 W**	Circuit power	**18 W - 37 W**

LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**100 K - L90/B10**		

Compliance

SmartScan wireless standards compliance	**Europe: EN 300 220-1 V2.4.1/ EN 301 489-3 V1.6.1. Australasia: ACMA 2014 Radio Communication Standard 2014. Thorlux Patented Wireless Technology - GB2575724**

Dimensions

Recessed version

530
255
132
94
59
170
597
435
530
597

3-pole TEE (SmartScan versions)
Fast-Fix wiring enclosure (Non-dimming and DALI versions)

Surface/Suspended version

90
102
597
597

Surface mounting holes
Mains entry hole
Mains entry hole
Suspended mounting holes
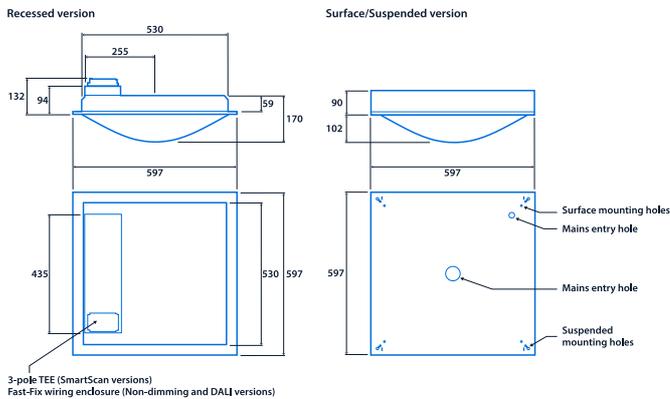
View the range

Information is correct as of 21 Nov 2024, 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.

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