

LED recessed luminaires for clean and sterile environments

IP65 sealed LED luminaire that satisfies the requirements of FS209D class 1000 and ISO14644-1 class 6. The design ensures that the ceiling integrity is maintained at all times, even when the cover is removed.

Applications: Clean and sterile environments, pharmacies, hospitals, laboratories, electronics, semiconductor manufacture/industry, food preparation.

- Ceiling integrity retained when cover removed
- Satisfies the requirements of FS209D class 1000, ISO14644-1 class 6
- Fits 24 mm exposed T-bar and plasterboard ceilings
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: Other ceiling types / CRI 90 4000K LED / Low glare versions available to special order



IP65 (IP54 above ceiling)

Up to 103.2 LL/CW

SMARTSCAN

LUXGUARD

Specification

Mounting	Recessed	IP rating	IP65 (IP54 above ceiling)
Nominal size	600 x 600 mm 1200 x 600 mm	Max presence detection height	8 m

Lighting

Optic	Satin diffuser	Lumen output	5,175 lm - 10,350 lm
Efficacy	Up to 103.2 LL/CW		

Emergency data

Emergency lumen output	310 lm - 338 lm	Emergency type	Maintained
Emergency duration	3 hours	Battery specification	Nickel Metal Hydride (NiMH)

Power

LED power	45 W - 90 W	Circuit power	53 W - 106 W
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LED characteristics

CRI	80+	Colour temperature	4000 K
Rated life (hours)	100 K - L80/B10		

Compliance

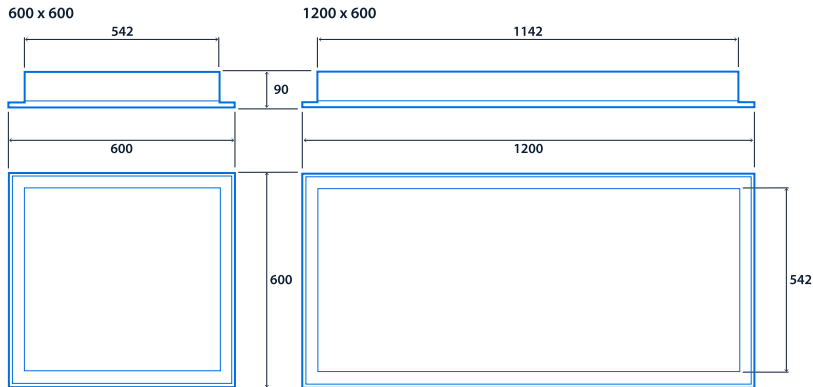
Cleanroom classifications

FS209D class 1,000
ISO 14644-1 class 6

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



View the
range



Information is correct as of 23 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.