

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 |
|-----------|-------------|---------------|--------------|

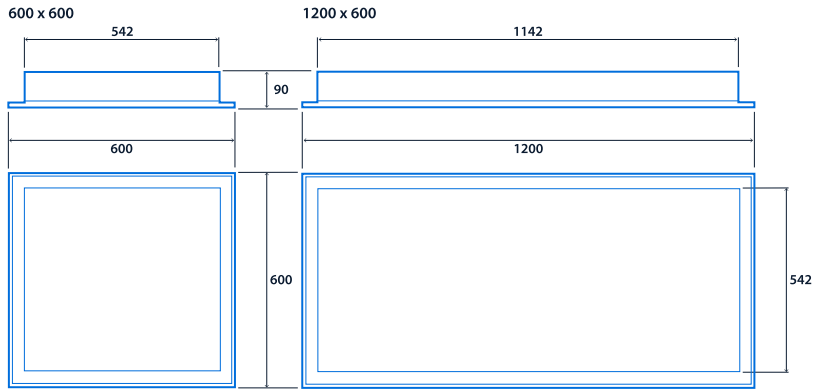
LED characteristics

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

Compliance

| | | | |
|---------------------------|---|----------------------|-------|
| UKCA | Yes | CE | Yes |
| C-Tick (Aus) | Yes | Thermoplastic rating | TP(a) |
| Cleanroom classifications | FS209D class 1,000 ISO 14644-1 class 6 | | |

Dimensions



View the
range



Information is correct as of 22 Dec 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.