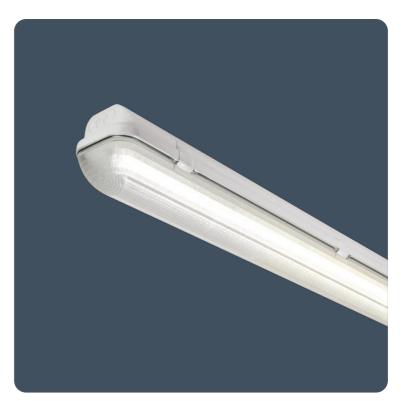# Thoroproof

## Corrosion-resistant polycarbonate luminaires

IP65 luminaires with injection moulded polycarbonate body and frosted prismatic polycarbonate cover, both fire-retardant.

Applications: cold stores, printing works, water treatment plants and pump rooms, industrial process areas, shower rooms and toilet blocks.

- Smooth easy-clean lines

- Snug-fit polycarbonate cover clips (stainless steel option)

- Fast installation via external stainless-steel brackets preserves IP rating

- Factory fitted 4-core through wiring option (alternative configurations to special order)

- Suitable for external applications if mounted under a canopy

- Complies with M.O.D. JSP482 Chapter 8 Document for 'Category C' areas

- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit

Notes: For ambient temperatures below the stated minimum contact the Thorlux Technical department

| Up to IP65 | Up to 132.4 LL/CW | SMARTSCAN | |
|---|---|---|---|

## Specification

| | | | |
|---|---|---|---|
| Mounting | **Surface** | IP rating | **Up to IP65** |
| Max presence detection height | **Up to 8 m** | | |

## Lighting

| | | | |
|---|---|---|---|
| Optic | **Frosted prismatic cover** | Lumen output | **3,700 lm - 9,535 lm** |
| Efficacy | **Up to 132.4 LL/CW** | | |

## Emergency data

| | | | |
|---|---|---|---|
| Emergency lumen output | **435 lm - 640 lm** | Emergency type | **Maintained** |
| Emergency duration | **3 hours** | Battery specification | **Nickel Metal Hydride (NiMH)** |

## Power

| | | | |
|---|---|---|---|
| LED power | **23 W - 60 W** | Circuit power | **31 W - 72 W** |

## LED characteristics

| | | | |
|---|---|---|---|
| CRI | **80+** | Colour temperature | **4000 K** |
| Rated life (hours) | **100 K - L70/B10** | | |

*Innovating sustainable lighting solutions for a brighter future.*

## Compliance

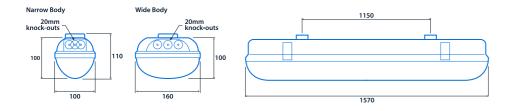| | | | |
|---|---|---|---|
| Food production standards | HACCP<br>IFS | MOD compliance | JSP482 Chapter 8 Document for 'Category C' areas |
| SmartScan wireless standards compliance | **Europe: EN 300 220-1 V2.4.1/ EN 301 489-3 V1.6.1. Australasia: ACMA 2014 Radio Communication Standard 2014. Thorlux Patented Wireless Technology - GB2575724** | | |

## Dimensions



**Narrow Body**
20mm knock-outs
100 — 110 — 100

**Wide Body**
20mm knock-outs
160 — 100

1150
1570



**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.