Mercian

High-performance wall-mounted luminaires



A high-performance, vandal-resistant luminaire, the Thorlux Mercian is photometrically designed to enable wide spacings in outdoor environments.

Mercian is manufactured with a die-cast aluminium body and impact-resistant, flame-retardant, UV-stabilised prismatic polycarbonate cover. This hard-wearing luminaire is rated IP65 for water and dust ingress protection and IK10 impact resistance. It is simple to mount using external stainless-steel brackets and is available with optional SmartScan controls, eliminating the need for extra cabling.

Applications: walkways and entrance areas, commercial premises, educational institutes, and hospital/healthcare buildings.

- Strong pressure die-cast LM2 aluminium body prevents distortion when fixing and preserves IP rating
- Spacings up to six times mounting height
- Optional photocell control
- Tamper-resistant cover screws available
- Simple to fix using external stainless-steel brackets and two lower points, all external to gasket line to preserve IP rating
- 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

IP65 **IK10** **110 LL/CW** SMARTSCAN LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP65**
Impact rating	**IK10**	Max presence detection height	**8 m**

Lighting

Optic	**Prismatic cover**	Lumen output	**3,300 lm**
Efficacy	**110 LL/CW**		

Emergency data

Emergency lumen output	**250 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**26 W**	Circuit power	**30 W**

Construction

Housing	**Strong high pressure die-cast LM2 aluminium body**	Finish	**Full polyester powder coat**
Body colour	**Textured black**	Optical assembly	**Impact-resistant and flame-retardant UV stabilised polycarbonate cover**
Cover fixings	**Stainless steel Pozidriv Stainless steel T30 pin Torx**		

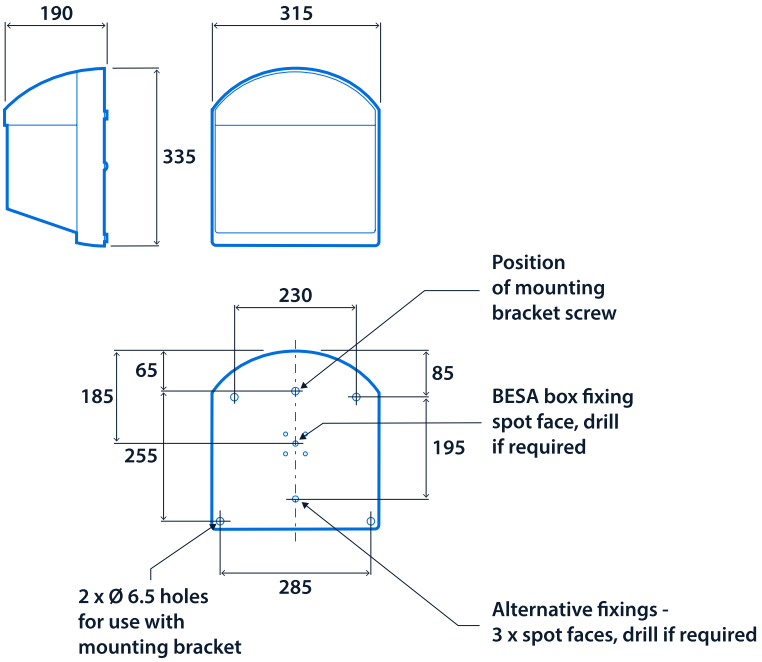
LED characteristics

CRI	**80+**	Colour temperature	**4000 K 5700 K**
Rated life (hours)	**100 K - L80/B10**	LED protection	**LUX Guard**
Driver efficiency	**>85%**	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**
Energy efficiency class	**This product contains a light source of energy efficiency class B**		

Dimensions


190
315
335
230
65
185
255
85
195
285
Position
of mounting
bracket screw
BESA box fixing
spot face, drill
if required
2 x Ø 6.5 holes
for use with
mounting bracket
Alternative fixings -
3 x spot faces, drill if required

Range

	LED power	Emergency system (optional)	4000 K	5700 K	Lighting control system
SmartScan	26 W	**WMR**	**MER19102**	**MER19103**	**SS**
Standard	26 W	**TMR / EMR**	**MER19104**	**MER19105**	**L / LPC**

Emergency system - replace **MER** with **WMR** SmartScan Emergency / **TMR** AutoTest Emergency / **EMR** Standard Emergency
Lighting control system - suffix catalogue number with **SS** SmartScan Internal / **L** Non-dimming / **LPC** Photocell (non-dimming)
Tamper-resistant screws - suffix catalogue number with **T**

E.g. **TMR19104LPCT** = 26 W / AutoTest Emergency / 4000 K / Photocell (non-dimming) / Tamper-resistant screws

Accessories

Product code	Description	Weight
KEY16977	T30 pin Torx bit - Suitable for magnetic bit holder	-





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Information is correct as of 10 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.