Realta Micro

Low-light-level, wall-mounted luminaires

Realta Micro is the smaller sibling of the iconic Thorlux Realta, which it can be paired with in a range of external applications.

Realta Micro itself is a stylish, IP66-rated, wall-mounted luminaire, made from a high-pressure die-cast aluminium body and an injection-moulded, UV-stabilised polycarbonate cover. The luminaire is built for strength, with an IK11 impact rating. As well as building perimeters, Realta Micro is also ideal for 'final exit' door illumination.

Applications: schools, hospitals, retail, and other commercial environments.

- Maintained or non-maintained emergency options
- SmartScan wireless technology removes the need for control cabling. Ideal for retro-fit



IP66 | IK11 | 94.3 LL/CW | SMARTSCAN | LUXGUARD

Specification

Mounting	**Surface**	IP rating	**IP66**
Impact rating	**IK11**		

Lighting

Lumen output	**660 lm**	Efficacy	**94.3 LL/CW**

Emergency data

Emergency lumen output	**173 lm**	Emergency type	**Maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Power

LED power	**6 W**	Circuit power	**7 W**

Realta Micro

Construction

Housing	**Strong high pressure die-cast LM2 aluminium body**	Finish	**Full polyester powder coat**
Body colour	**Graphite** **Silver**	Optical assembly	**One-piece injection moulded UV stabilised polycarbonate cover**

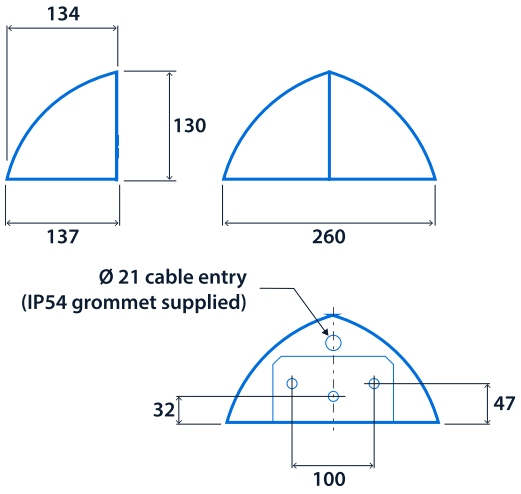
LED characteristics

CRI	**80+**	Colour temperature	**4000 K**
Rated life (hours)	**63 K - L80/B10**	LED protection	**LUX Guard**
Driver efficiency	**>80%**	Replaceable light source	**Yes**
Power factor	**>0.5**	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



Range

LED power	Emergency system (optional)	CAT. No.	Lighting control system
6 W	**W*** / **D***	**RL21230**	**L**

* Can be wired during installation for maintained or non-maintained operation

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **D** DALI / Self-Test Emergency
Lighting control system - suffix catalogue number with **L** Non-dimming
Silver version - suffix catalogue number with **SV3**

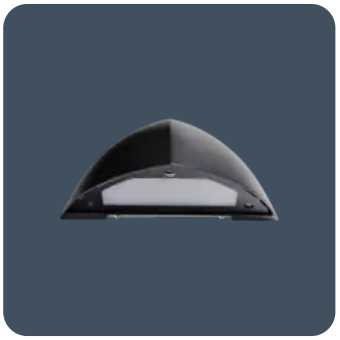
E.g. **WRL21230LSV3** = 6 W / SmartScan Emergency / Non-dimming / Silver version

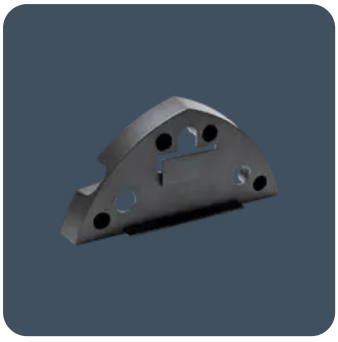
Accessories

Product code	Description	Weight
RL15419	Wall mounting kit for 20 mm conduit - Graphite	0.4 kg
RL15419SV3	Wall mounting kit for 20 mm conduit - Silver	0.4 kg

Spares

Product code	Description	Weight
EMB706GP	Lithium Iron Phosphate (LiFePO4) battery - End of life batteries can be returned to Thorlux for recycling	0.09 kg



Click or scan here

View Realta Micro variants using our online filtering tool



Information is correct as of 04 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.