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**

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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**

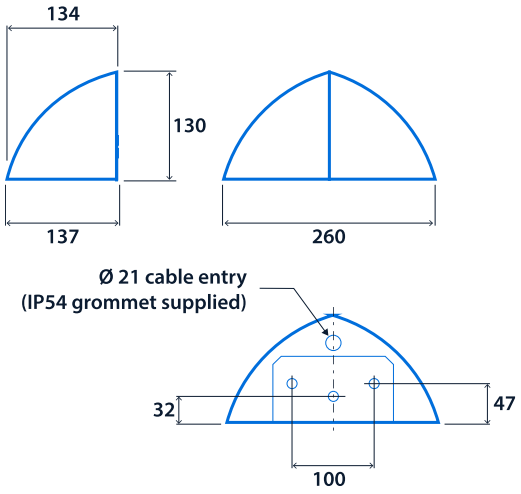
LED characteristics

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**

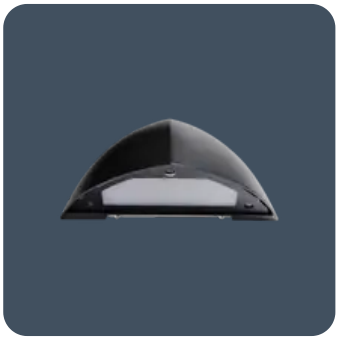
E.g. **WRL21230LSV3** = 6 W / SmartScan Emergency / Non-dimming / Silver version

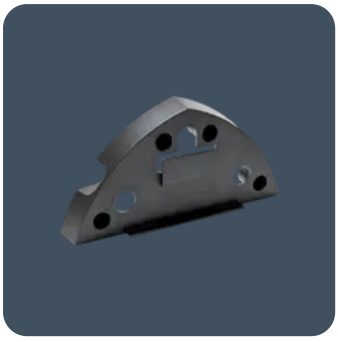
Accessories

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



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View Realta Micro variants using our online filtering tool



Information is correct as of 25 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.