Duo-Spot

Adjustable emergency twin-head spotlights for open areas

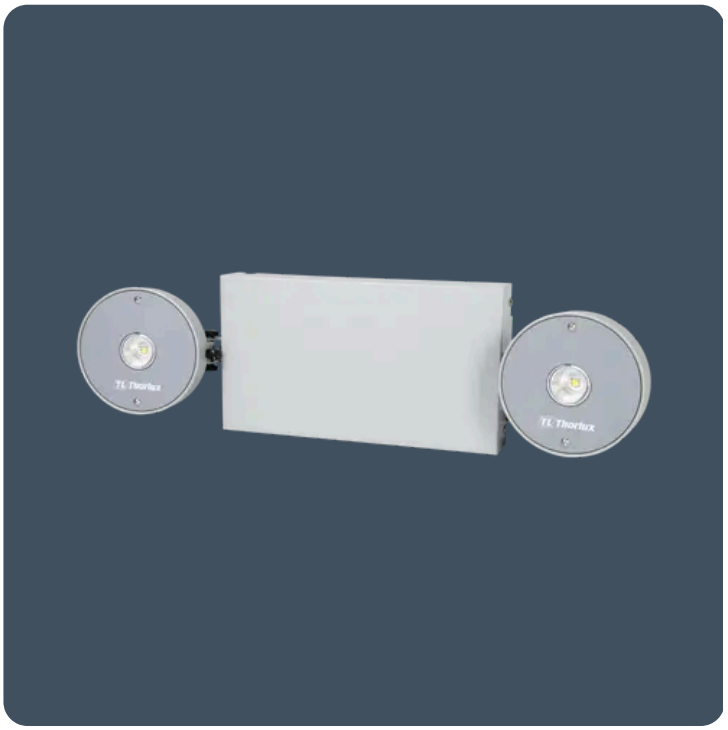
The robust and discreet Duo-Spot is an adjustable 2 x 4.5 W LED twin-head emergency light with narrow- and wide-beam options. It uses longer-life Lithium Iron Phosphate ($LiFePO_4$) battery cells and the latest high-power LEDs.

Designed to provide maximum escape lighting in open areas, Duo-Spot is simple to install on either ceilings or walls. SmartScan versions are available for full automated status reporting.

Lithium Iron Phosphate ($LiFePO_4$) battery technology provides three hours of maintained emergency operation, along with advantages such as a longer lifespan, lower energy consumption, and a compact battery cell.

Applications: ideally suited for use in areas where conventional emergency lighting is not practical.

- 3 hour, non-maintained operation
- Available with narrow (29°) or wide (63°) beam
- Adjustable lamp heads
- Suitable for wall or ceiling mounting
- Simple to install, full status reporting SmartScan wireless communication versions



Up to IP65

SMARTSCAN

Specification

Mounting	**Surface**	IP rating	**Up to IP65**

Lighting

Distribution	**Narrow** **Wide**

Emergency data

Emergency lumen output (multiple)	**2 x 585 lm**	Emergency type	**Non-maintained**
Emergency duration	**3 hours**	Battery specification	**Lithium Iron Phosphate (LiFePO4)**

Duo-Spot

Power

LED power (multiple)	**2 x 4.5 W**	Circuit power	**2.5 W**

Construction

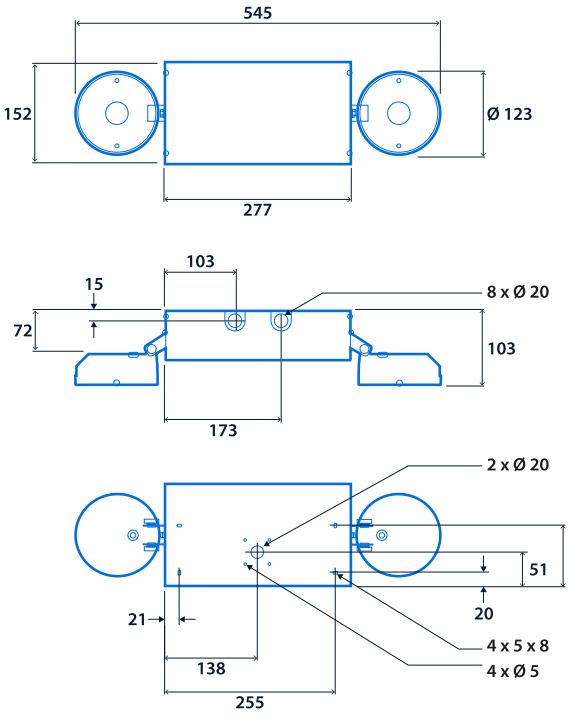
Housing	**Polycarbonate body** **Zinc coated steel body with high pressure die-cast aluminium heads**	Body colour	**Light Grey** **Silver (RAL 9006)**

Compliance

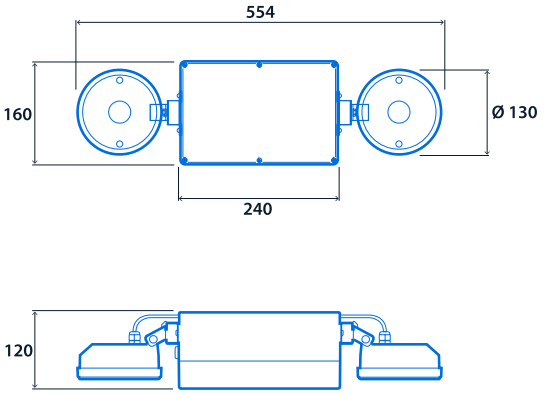
UKCA	**Yes**	CE	**Yes**

Dimensions

IP20 version



IP65 version



Duo-Spot

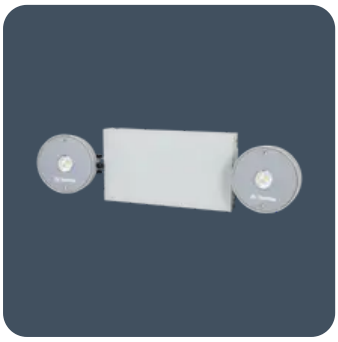
Range

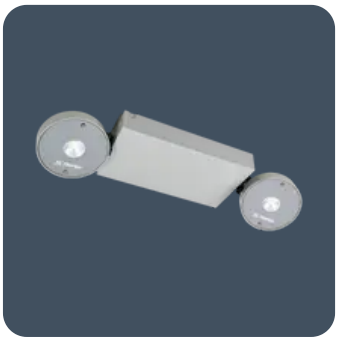
	LED power	Emergency system	Narrow beam	Wide beam	Emergency duration	Emergency type
IP20	2 x 4.5 W	**W / T / E**	**NI20301**	**NI20302**	3 hour	Non-maintained
IP65	2 x 4.5 W	**W / T / E**	**NI20303**	**NI20304**	3 hour	Non-maintained

Emergency system - prefix catalogue number with **W** SmartScan Emergency / **T** AutoTest Emergency / **E** Standard Emergency
E.g. **WNI20301** = IP20 / SmartScan Emergency / Narrow beam

Spares

Product code	Description	Weight
EMB904	Lithium Iron Phosphate (LiFePO4) battery - End of life batteries can be returned to Thorlux for recycling	0.55 kg






Click or scan here

View Duo-Spot variants using our online filtering tool



Information is correct as of 16 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.