

# MiniTS and MiniTF

Available in white and black body versions, the versatile **Mini Range** offers the MiniTS 660N narrow beam TwinSpot and the MiniTF 660W wide beam TwinFlood LED emergency lighting projectors.

*Simple and effective emergency lighting from attractive high intensity LED projectors.*

More suitable for areas with aesthetic concerns than conventional Twin Projector floodlights the **Mini Range** is ideal for a wide range of applications requiring open area and escape lighting.

The 2Watt projector heads provide over 110lumens per head and a clever adjustable narrow beam (MiniTS) or a general wide beam (MiniTF).

**NB:** Full photometry is available upon request.

The **Mini Range** units are supplied with high quality white LEDs and Nickel Metal Hydride (NiMH) batteries.



MiniTS/600N/M3

MiniTF/600W/M3

## OPERATION

The **Mini Range** of projector luminaires are supplied as standard with maintained operation.

The heads are easily adjusted and make the units suitable for ceiling or wall mounting. The self-contained circuit provides charge healthy monitoring for the 2 x 3.6V 1.5Ah Nickel Metal Hydride (NiMH) batteries.

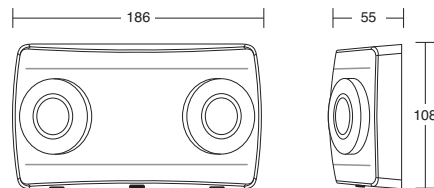
The twin 2Watt luminaires fully comply with the requirements of EN60598.2.22.



MiniTS/600N/M3/BL

## GENERAL DETAILS

Product	Twin LED Projector
Light source	2 x 2W LED
Luminaire Lumens	2 x 110lm
Construction	Polycarbonate body and lenses
Dimensions	186mm (W) x 108mm (H) x 55mm (D)
Cable Entry	20mm knock-outs top and back



## PERFORMANCE

Full photometry (.LDT file) is available for both lenses.

### Typical examples:

**MiniTS/660N/M3** ceiling mounted at 2.5m can be spaced 14metres apart to achieve 1Lux on a corridor centre line.

**MiniTS/660N/M3** mounted within 2m of Exit signs, call points or first aid points can be aimed to provide 5Lux.

**MiniTF/660W/M3** ceiling mounted at 2.5m can be spaced 10metres apart to achieve 0.5Lux in an open area.



**Emergency Lighting Products Limited**  
Parbrook House, Gillmans Industrial Estate,  
Natts Lane Billingshurst, West Sussex RH14 9EZ

Telephone: +44 (0) 1403 786601  
Fax: +44 (0) 1403 786602  
e-mail: sales@elp.uk.com

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[elp.uk.com](http://elp.uk.com)

**Projector Luminaires**

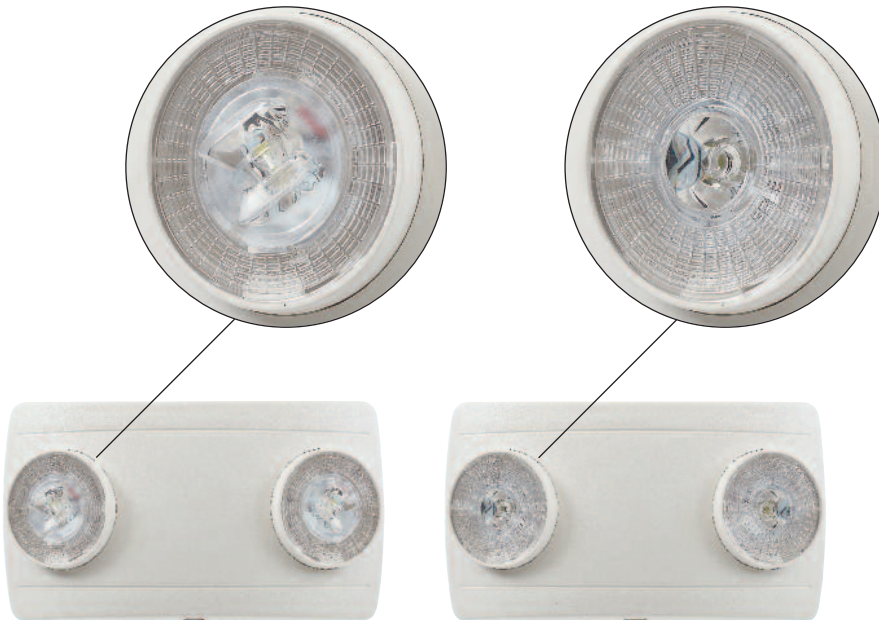
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## SPECIFICATION

Light source	2 x 2Watt LED
Colour temperature	5000K
Light output	2 x 110lm
IP Rating	IP20
Ambient temperature (Ta)	25°C
Insulation Class	Class II
Supply	230V ~ 50Hz
Supply power	6.5W (max.)
Charge power (typical)	1.0W
Battery	2 x 3.6V 1.5Ah NiMH
Weight	2.0kg (max.)



Discrete, compact housing:  
186mm (W) x 108mm (H) x 55mm (D)



**MiniTS/600N/M3 – Narrow Angle Spot**

**MiniTF/600W/M3 – Wide Angle Flood**



Relative Scale:  
*MiniTS/600/M3 to ELP TLD/NM3*

## ORDER CODES

ORDER CODES	Description
<b>MiniTS/660N/M3</b>	2 x 2 Watt LED Narrow Spot maintained with 3 hour duration, White housing
<b>MiniTF/660W/M3</b>	2 x 2 Watt LED Wide Flood maintained with 3 hour duration, White housing
<b>MiniTS/660N/M3/BL</b>	2 x 2 Watt LED Marrow Spot maintained with 3 hour duration, Black housing
<b>MiniTF/660W/M3/BL</b>	2 x 2 Watt LED Wide Flood maintained with 3 hour duration, Blackhousing

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e-mail: sales@elp.uk.com

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[elp.uk.com](http://elp.uk.com)