

# MiniTS & MiniTF

## 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.

### 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 EN60598.2.2.2.

### GENERAL DETAILS

Product	Twin LED Projector
Light source	2 x 2W LED
Luminaire Lumens	2 x110lm
Construction	Polycarbonate body and lenses
Dimensions	186mm (W) x 108mm (H) x 55mm (D)
Cable Entry	20mm knock-outs top and back

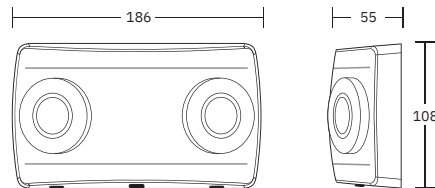


MiniTS/600N/M3

MiniTF/600W/M3



MiniTS/600N/M3/BL



### PERFORMANCE

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

#### Typical examples:

**MiniTS/660N/M3** - ceiling mounted at 2.5m can be spaced 14 metres 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.



# MiniTS and MiniTF

## SPECIFICATION

Light source	2 x 2Watt LED
Colour temperature	5000K
Light output	2 x110lm
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

**MiniTS/660N/M3**

**MiniTF/660W/M3**

**MiniTS/660N/M3/BL**

**MiniTF/660W/M3/BL**

## Description

2 x 2 Watt LED Narrow Spot maintained with 3 hour duration, White housing

2 x 2 Watt LED Wide Flood maintained with 3 hour duration, White housing

2 x 2 Watt LED Marrow Spot maintained with 3 hour duration, Black housing

2 x 2 Watt LED Wide Flood maintained with 3 hour duration, Black housing