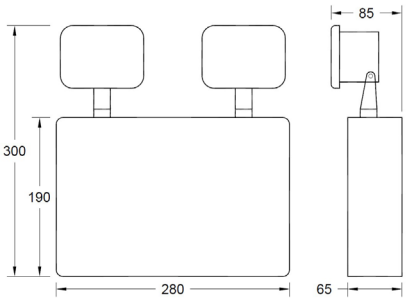
Installation & Wiring Instructions
CT6S/6W/NM
Emergency Twin Spot

PLEASE READ THESE INSTRUCTIONS BEFORE COMMENCING INSTALLATION & LEAVE WITH END USER

Description:

The CT6S/6W/NM is a simple solution to your emergency lighting applications. The only connection required is a permenant Live, Neutral and Earth.
Suitable for damp or warehouse applications. The fitting features a factory fitted waterproof gasket to a high ingress protection rating.
The CT6S/6W/NM is available as either standard emergency of as DALI-2 self-test. As per the DALI standard, if the DALI version is not connected to a control system, then the fitting will revert to standalone self-test operation. Each head has an output of 3W, providing a total output of 6W.
The product features battery temperature protection in accordance with IEC 61347-2-7: 2012+A12:2022.





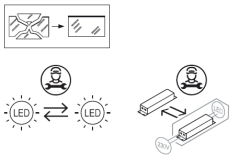
Product codes

CT6S/6W/NM	Non-maintained IP65 Bulkhead
CT6S/6W/DA	Maintained IP65 Bulkhead

Specification:

Input Voltage	230-240 Volts AC 50/60 Hz
Power Rating Charging *	3.8W 21mA - λ = 0.77
Power Rating Standby	1.3W 12mA λ = 0.45
Battery Tc Paramters	0°C to + 55°C
Mains Input Terminal	0.5mm - 2.5mm
Battery Fuse	Internal to EM Module
Battery Discharge Current	1000mA
Discharge Voltage Limit	5V
Ingress Protection	IP65
Battery Pack	6.4V 4.8Ah LiFePO4
Charge Current	225mA Nominal
Recharge Period	24 Hours
Width and Length	300mm 280mm
Depth	85mm
Side Cable Entry	20mm Knock Outs L&R
Rear Cable Entry	20mm Knock Out Centre
Overall Weight	1.8Kg

* After its initial charge, the CT6S will spend 90% of its operational life in standby mode



The light source and control gear in this luminaire shall only be replaced by the original manufacturer, service agent or a similarly qualified person.

Important

It is recommended that this product is installed by a competent person in accordance with the current building and wiring regulations. Liteplan accept no responsibility for injury, damage or loss, which may arise as a result of incorrect installation, operation or maintenance.

The product requires an un-switched supply for charging the battery and a switched supply for maintained operation.

ISOLATE MAINS SUPPLIES AND DISCONNECT THE BATTERY BEFORE INSTALLATION OR MAINTENANCE.

Installation:

1. **Remove the two front screws and lift off cover.**
2. **Open your desired cable entry and feed mains cable through. Use a suitable IP rated gland to ensure that IP rating is maintained.**
3. **Connect the cables to the terminal block as shown in the diagram overleaf.**
4. **Do not connect a Switched Live.**
5. **Connect the battery.**
6. **Fit the screws back into the cover making a water tight seal.**

The battery within this luminaire is servicable and should be replced with the Liteplan part number 6/LP48/TS/TE. This change should be carried out by a qualified professional.

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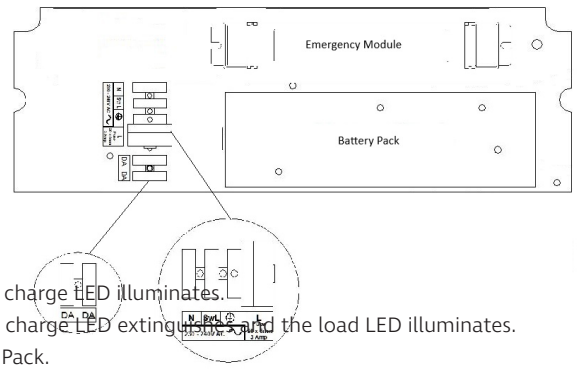
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Installation & Wiring Instructions
CT6S/6W/NM
Emergency Twin Spot

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Typical Wiring Diagram



Testing/Commisioning:

- Ensure the power is connected.
- Connect the battery.
- Switch on the Un-switched supply - Check the charge LED illuminates.
- Switch off the Un-switched supply - Check the charge LED extinguishes and the load LED illuminates.
- Enter the commissioning date on the Battery Pack.
- Switch on the Un-switched supply

LED Fault indication			
		Self-test / DALI	Basic Emergency
Green Solid	Battery Charging, no fault	On	On
Green Blink	Pre-Commissioning	2.0s on, 0.2s off	
Green Flash	Function Test running	0.2x on, 2.0s off	
Green Flash	Duration test running	0.2s on, 2.0s off	
Green Flash	Duration test passed	4.0s on, 1.0s off (7 days)	
Red Blink	Battery Temperature fault	0.2s on, 3.8s off	
Red Flash x1	Battery fault	0.5s on, 3.5s off	
Red Flash x2	Lamp fault	2x 0.5s on, 2.5s off	
No Indication	Fault	-	Off
Red/Green Flash	Duration test timout (after 7 days)	2.0s green, 0.2s red	

Luminaire Ref/Location	**In case of difficulty, contact the Installation Engineers:-** ..... Tel:	
Full Recharge Time 24 Hours	Duration 3 Hours	Lamp Type - LED

ROUTINE TEST RECORD

	Year 1		Year 2		Year 3		Year 4		Year 5	
Monthly Test	Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Functional										
Three Hour										

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