LUNA LED

HDL106TN Transportable Ex e LED Floodlight

The **Luna** Floodlight is an easily portable, reliable and highly powerful luminaire that directs a crisp, targeted output (up to 5,600lm) where you need it most.

With a robust, marine grade construction, maintenance-friendly design and LED lifespan of over 10 years, the **Luna** is ideal for temporary lighting applications

LUNA

MADE IN BRITAIN

International Approvals

Standard Specification

HDL106TN Transportable Ex e LED Floodlight

Type of Protection	Ex e mb (Increased Safety, Encapsulation) Ex tb (Dust Protected Enclosure)
ATEX Classification	Group II Category 2 GD
Area Classification	Zone 1 and 21 areas to EN 60079-10-1 and EN 60079-10-2 with installation to EN 60079-14
Certificate	EU Type Examination Certificate Sira 10ATEX5115X IECEx Certificate of Conformity IECEx SIR 10.0055X
Coding	Ex e mb IIC T* Gb Ex tb IIIC T*** °C Db Refer to table for T rating and Ambient
Enclosure	LM6 Aluminium with yellow epoxy powder finish (RAL 1018) and Polycarbonate diffuser
Entry	2 x M20 cable entries
Termination	3 core 4mm² max. conductor with looping
Installation	Stirrup mounted within transportable frame
Control Gear	Electronic Driver
Optical Distribution	Wide beam (50°)
Colour Temperature (CCT)	5000K (Cool White)
Colour Rendering Index (Ra)	>70
Maintenance	M8 Hex Head and M6 SKT Head
LED Lifetime @ 25°C Ambient	L70 > 150,000hrs
Impact Protection	IK10
Ingress Protection	IP66/67 to EN 60529
Surge Protection	4kV line to line, 6kV line to earth
Electrical Supply	Refer to Ordering Matrix (For details on Transformers or Splitter Boxes, please contact Internal Sales)

Features

◈ **Ultra bright light** with market-leading efficacy

◈ **9kg Lightweight** transportable floodlight

◈ **>150,000 maintenance free hours** at 25°C (L70)

◈ Available with **a variety of cable lengths and plugs**

◈ **Robust marine grade construction** designed for tough use

◈ **Independent LED engines** for ultimate reliability and confidence on site*   *48 LED option only

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Std. Cat No.	Delivered Output	Power Consumption	Voltage	Tclass	T °C (Dust)	Ambient °C	Weight
HDL106TN0HWHW006	2812lm	27W	100-254V AC	T4 T3	103	-20 to +50 -20 to +55	9kg
HDL106TN0LWHW006	2812lm	27W	18-54V AC/DC	T4	87	-20 to +55	9kg
HDL106TN1HWHW006	5624lm	53W	100-254V AC	T4 T3	103	-20 to +50 -20 to +55	9kg
HDL106TN1LWHW006	5624lm	53W	18-54V AC/DC	T4	87	-20 to +55	9kg

Options - Suffix to Catalogue No.

FG	Flat Glass and Aluminium front cover	**BP**	Nickel plated brass plugs (not available with Linkable version)

HDL106TN CABLING CONFIGURATOR

Plug Manufacturer	Plug - Voltage	Cable Type	Cable - Length	Linkable
C - CEAG **A** - ATX	**024** - 24V **110** - 110V **230** - 230V	**S** - SY armoured **H** - H07RN-F rubber	**05** - 5m cable **10** - 10m cable **15** - 15m cable	**L** - Linkable version*

Typical ordering reference: HDL106TN1HWHW006-C230H15

Ambient restrictions apply when linking multiple units with CEAG sockets. Please contact Chalmit Technical for further information.

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