



SOLAS

LED Floodlight

The unique characteristics of the **Solas** offers a versatile luminaire with 100% output in Emergency mode. Built of marine grade aluminium, this robust luminaire is suitable for the harshest of global environments.

Utilising ultra bright LED's the Solas produces a more focused light well suited to illuminating safety critical areas in an emergency situation. A manually operated remote inhibition facility is available on all emergency versions. With a self contained battery, it can be used for backup emergency lighting in maintained or non-maintained modes.



Mounting Options

Floodlight. Pendant. Bulkhead. High Bay. Pole/Column. Road Lighting.

Standard Specification

Solas LED Floodlight

Enclosure	Aluminium alloy LM6 with toughened glass window. All fastenings 316 stainless steel
Entry	2x M20 cable entries - Non-emergency: looping for 4mm ² cable Emergency: single entry only for 4mm ² cable
Termination	4 core 4mm ² max.
Installation	Stirrup mounting bracket
Control Gear	Electronic Driver
Colour Temperature (CCT)	5000K (Cool White)
Colour Rendering Index (Ra)	>70
Maintenance	M10 SKT HD Screws
Battery	Internal Ni-Cd (21.6V) [Emergency only]
Emergency Duration	90 minutes (100% output) Maintained as standard
Ingress Protection	IP66/67 to EN 60529
Surge Protection	4kV
Electrical Supply	220-254V AC 50/60Hz

Features

- ◆ Highly **Energy Efficient**
- ◆ **Emergency** inhibition
- ◆ **Low** ambient temperatures
- ◆ No re-lamping required - **over 60,000 hours continuous operation**
- ◆ **Non-Maintained** or **Maintained** modes
- ◆ **Comparable with 100W HPS floodlight**

Std. Cat No.	Delivered Output	Power Consumption	Ambient °C	Weight
SOLI/034/LE	6057 lm	62W	-55 to +55	24.0kg
SOLI/034/LE/EM	6057 lm	73W	-20 to +45	29.0kg

Options - Suffix to Catalogue No.

/M25	M25 Cable entries	/3H	3 hour battery duration (50% output)
/P	Marine grade polyester paint coating (RAL 7043)	/SC	Screwed connections
/N	Narrow beam		• Non emergency version: looping for up to 6mm ² cable
/NM	Non maintained Emergency (Ambient becomes -20°C to +55°C, with 11W power cons.)		• Non maintained emergency: single entry only for up to 6mm ² cable
/LT	Low temperature to -55°C (Emergency only)		• Maintained emergency version: screwed connections not available
/120	110-130V AC Supply		

Accessories *Accessories should be ordered separately*

	Order Code
Wire Guard	S2610-0005
Pole Mounting Bracket (42-64mm diameter poles)	S2400-0002

Remote switches are available upon request, please contact Chalmit® sales.

