INDUSTRIAL LED LIGHTING



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 4mm² cable Emergency: single entry only for 4mm² cable			
Termination	4 core 4mm² 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





SOLAS LED FLOODLIGHT **INDUSTRIAL**

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

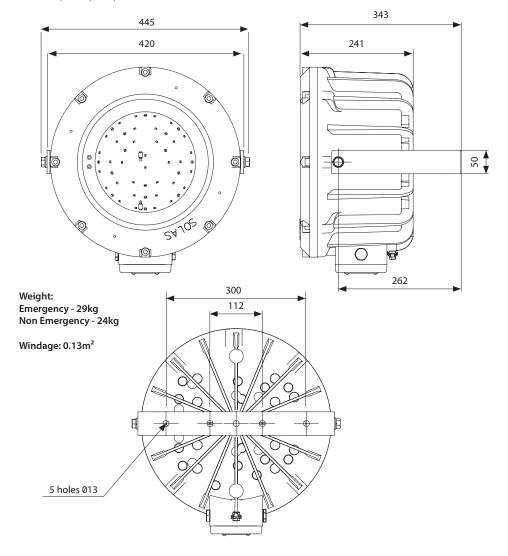
Options - Suffix to Catalogue No.					
/M25	M25 Cable entries	/3H	3 hour battery duration (50% output)		
/P	Marine grade polyester paint coating (RAL 7043)	/SC	Screwed connections		
/N	Narrow beam	• Non emergency version:			
/NM	Non maintained Emergency (Ambient becomes -20°C to +55°C, with 11W power cons.)		looping for up to 6mm ² cable Non maintained emergency: single entry only for up to 6mm ² cable		
/LT	Low temperature to -55°C (Emergency only)		Maintained emergency version:		
/120	110-130V AC Supply		screwed connections not available		

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.





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