HDN106NE

LED Floodlight

The **HDN106NE** is a distinctive Emergency LED luminaire allowing up to three modules interlinked, providing an effective and efficient replacement to traditional battery-backed luminaires.

With a wide ambient range and multiple beam options available, this is a truly global industrial solution for any application where Emergency lighting is required for a period of 90mins or 3hrs.

MADE IN BRITAIN

UK CA CE
International Approvals

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

Standard Specification

HDN106NE LED Floodlight

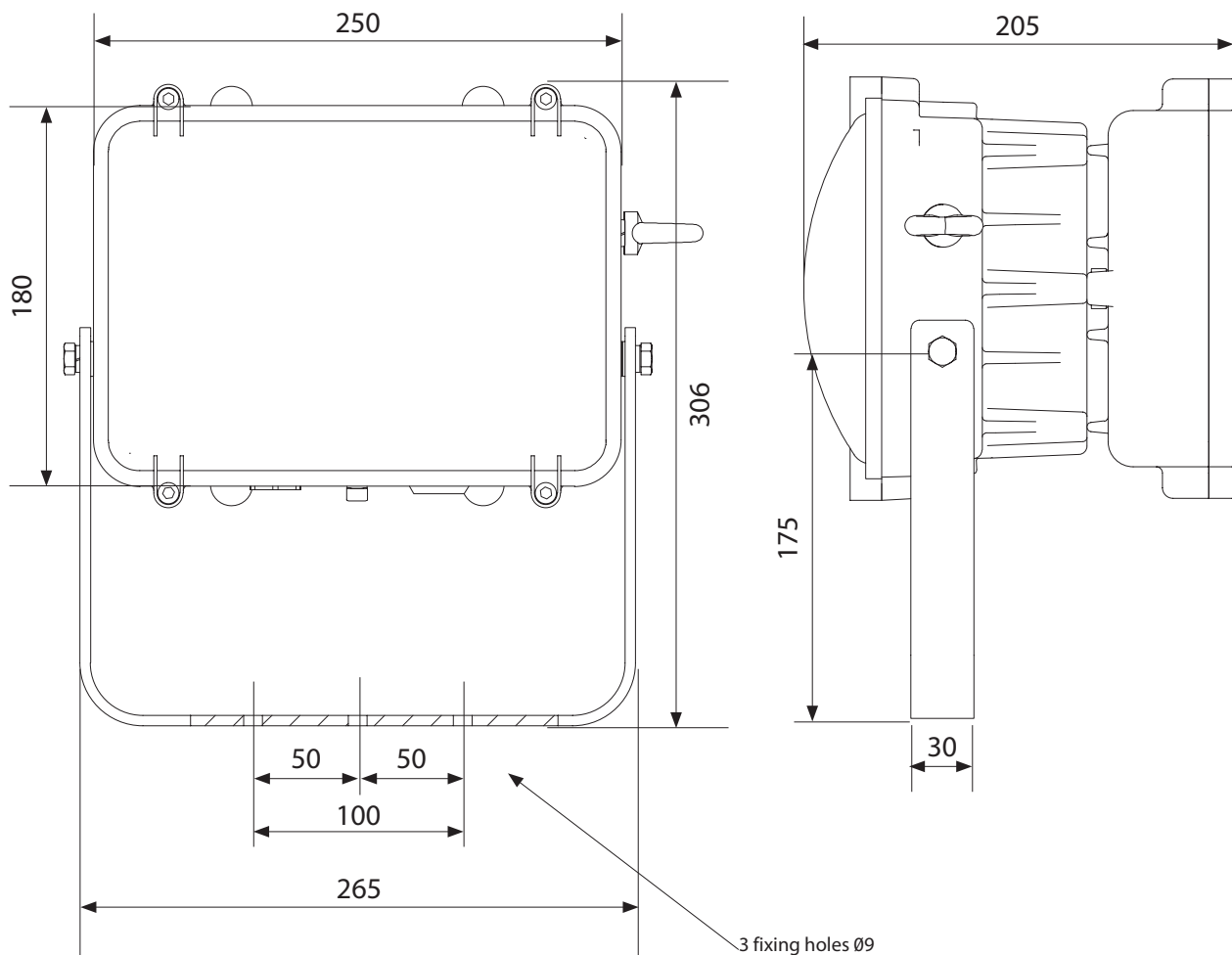|	
Ambient °C	-20 to +55
Enclosure	LM6 Aluminium with epoxy powder finish (RAL 7035) and Polycarbonate diffuser
Entry	2 x M20 cable entries
Termination	4 core 4mm² max. conductor with looping
Installation	Stirrup mounting bracket
Control Gear	Electronic Driver
Colour Temperature (CCT)	Refer to Ordering Matrix
Colour Rendering Index (Ra)	>70
Maintenance	M8 Hex Head and M6 SKT Head
Emergency Duration	90mins (75%) or 3hrs (37.5%)
Ingress Protection	IP66/67 to EN 60529
Surge Protection	4kV line to line, 6kV line to earth
Electrical Supply	100-254V AC 50/60Hz

Features

- Highly **Energy Efficient**
- **Modular design** allowing up to three interlinked luminaires, each providing a delivered output > 5500lm
- **Instant on** crisp white light output
- **Lower power consumption** than HID lamps
- **Lightweight** (9kg per Emergency module) lighting solution
- **>150,000 maintenance free hours** at 25°C (L70)

HDN106N

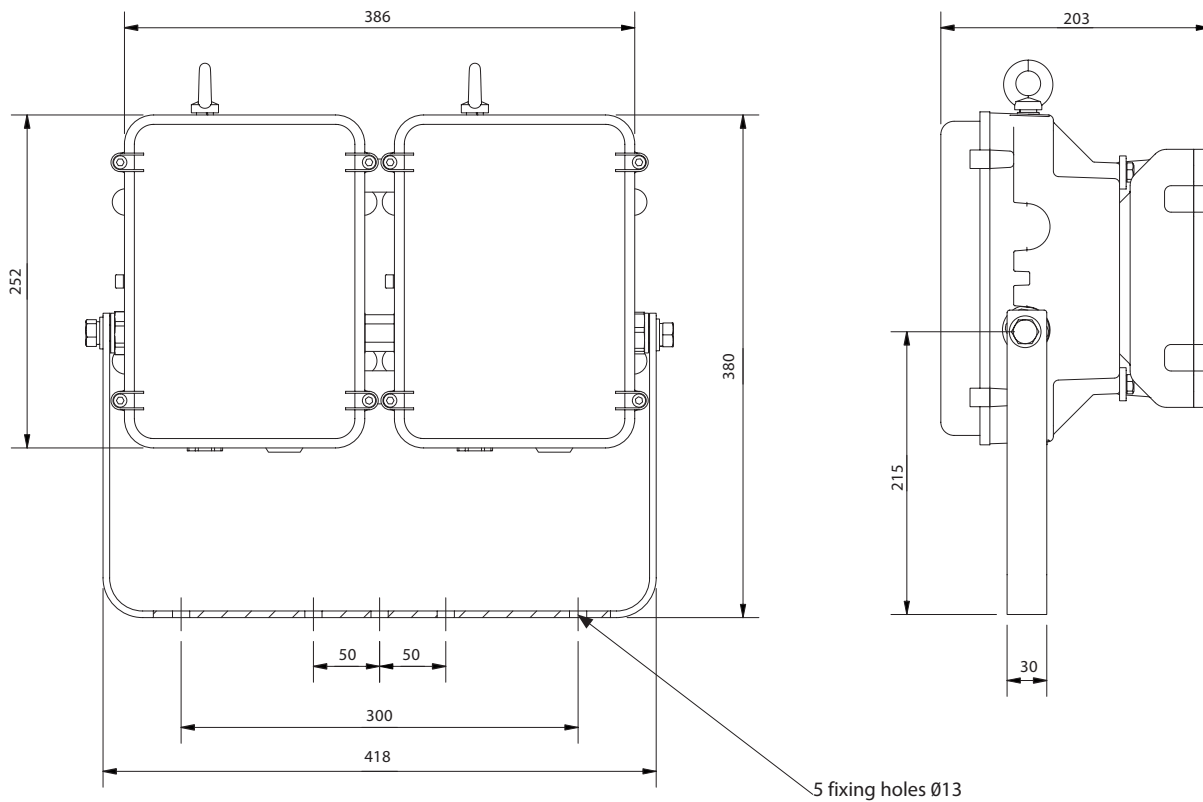| Version[1]	Beam Pattern[2]	Light (CCT)	Cable Entries	Material & Paint	Options
E – EM (48 LEDs) [62W]	N – Narrow (6565lm)			04 – RAL 7035 (Grey)	FG – Glass front cover[3]
ES – EM/Std (96 LEDs) [105W]	M – Medium (5882lm)				BNI – Batteries Not Included[4]
EE – EM/EM (96 LEDs) [122W]	W – Wide (5624lm)		0 – M20		RCG – Rapid Connection Gland for single entry[5]
SES – Std/EM/Std (144 LEDs) [149W]	X – Extra Wide (5547lm)		5 – M25		
ESE – EM/Std/EM (144 LEDs) [165W]			0BP- M20 Brass Nickel Plated Plugs		RCGL – Rapid Connection Glands for looping[5]
EEE – EM/EM/EM (144 LEDs) [184W]		W – Cool White (5000K)	5BP- M25 Brass Nickel Plated Plugs		
		X – Warm White (3000K)			

[1] Power consumption provided in square brackets

[2] Delivered outputs based on single module 48LED version

[3] Standard Cover Front Clear Polycarbonate (No Abbreviation required)

[4] Battery assembly HDLAL11131S to be ordered separately when required by site. Qty 1 HDLAL11131S assembly per emergency unit e.g. HDL106NESE*** requires Qty 2 HDLAL11131S.

[5] Factory fitted with 4pin Rapid Connection Gland entry only. Purchaser to supply appropriately sized RCG body as determined by site specific cable requirement.

Typical ordering reference: HDN106NESMW004FG

Single unit (48 LEDs)

250

205

180

306

175

50 50

100

30

265

3 fixing holes Ø9

Double unit (96 LEDs)

386

203

252

380

215

30

50   50

300

418

5 fixing holes Ø13

Triple unit (144 LEDs)

590

203

252

380

215

50   50

100

300

500

30

621

7 fixing holes Ø13