

LED Luminaire

HDL 103

Zone 1 Ex emb LED Helideck / Obstruction / Bulkhead Luminaire



Specification:

Main Body:

Marine Grade Aluminium

Clear Lens:

Polycarbonate

Gaskets:

Silicone/Rubber

External Fasteners:

A4 Stainless Steel

T Rating:

T5

Surface Temp:

68°C

Weight:

3.0kg

Key Features:

- Available in Green (Helidecks), Red (Obstruction) or White (general lighting) other colours also available.
- Customer can select constant light output or flashing upon installation.
- Conforms to ICAO annex 14 volume II and CAP437 for Helideck perimeter lighting.
- LED technology will give a predicted working life of 10 years +.
- Utilises 6 off 1.2W LEDs.
- Low power consumption.
- Easy installation and low maintenance.
- Rugged construction – resistant to vibration.
- Instant light output.
- 360° coverage.
- Independently photometrically tested.
- All units supplied with 3 cable entries.
- IP66 and IP67
- Optional wire guard available for extra protection.
- Can be supplied with 10° / 30° / 50° LED lenses for directional light output.
- Can be supplied in traffic light or stop/start assemblies - see data sheet.

Engineering Solutions
Design to Manufacture

HADAR
LIGHTING 

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Protection:

II 2GD Ex emb IIC T5 IP66/67, Ex tIIIC T68°C Db

Certification: ATEX & IEC Ex by SIRA

	Certification	Ambient	Voltage Range	Certificate
HDL 103	II 2GD Ex emb IIC T5	All variants -20°C to +55°C	110V to 254V AC/DC 24V AC/DC	IEC Ex SIR09.0065X SIRA09ATEX5160X

Electrical Specifications:

	Electrical Specification		
Lamp Options	Power consumption	Power factor	Power supply
6 x 1.2W LEDs	12W Max	0.95	110V – 254V 47/63Hz AC/DC or 24V AC/DC

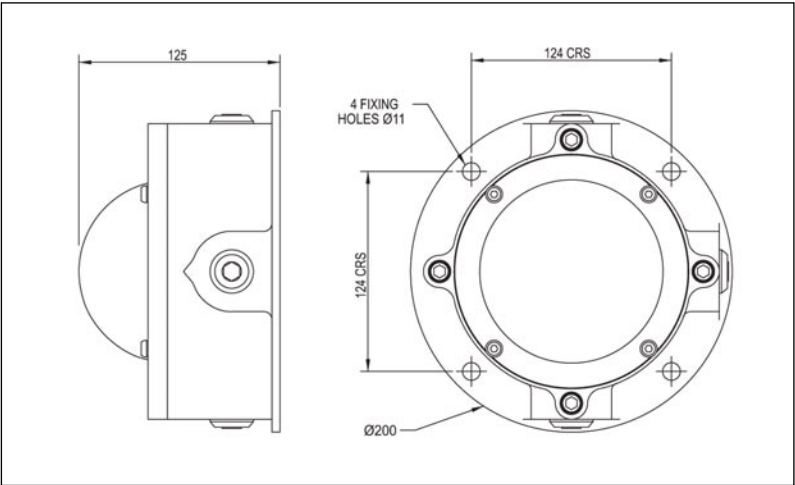
Installation:

Terminals: Up to 4mm² screwed terminals for live, neutral, earth and looping are provided. Internal and external earth is standard.
Cable Entries: 3 x M20, two fitted with approved stopper plug, other entries available on request.
Suspension: Via 4 external mounting points.
Installation: Installation document AL10557 supplied.

Ordering Matrix:

Field	Options
Product	HDL103
Voltage	H – 100-254V AC/DC L – 24V AC/DC
Version	G – Green LED'S R – Red LED'S W – White LED'S
Fittings	0 – No wire guard 1 – Wire guard fitted
Cable Entries	0 – M20 5 – M25
Other Options	00 – Standard

Dimensions:



Notes:
1) Typical ordering reference HDL103HG0000.
2) For Photometric Data contact the sales office.

