

Bulkhead Luminaire

HDL 108

Zone 1 Ex em Bulkhead – Fire Exit Recessed Luminaire



Specification:

Enclosure:

Steel Powder Coated
or Stainless Steel

Diffuser Frame:

As above

Diffuser:

Toughened Prismatic Glass

Gasket:

Silicone

External Fasteners:

A4 Stainless Steel

T Rating:

T3/T4 Gas and Dust

Surface Temp:

90° C

Key Features:

- 2 x 18W Compact fluorescent lamp for mains operation.
- Ideal for exit signs, wall or ceiling mounted.
- Visible Glass area 300mm x 150mm (standard size for fire exit signage).
- Mild Steel painted as standard (Stainless steel also available).
- Simple installation.
- Straightforward maintenance.
- Recessed or surface mounting.
- For Standard Ex em Recessed Luminaire see data sheet HDL 102.
- Lightweight and robust construction.
- Mounting in any attitude.
- Low profile.
- Continuous monitoring of fluorescent lamps ensures safe end of life shutdown by electronic ballast in accordance with HSE safety notice 8/05.
- Overvoltage protection 320V for 1 minute.
- Quick lamp start and flicker free operation control gear.
- Cable entries in any face or rear.
- Can be supplied with signage or facility for end user to fit own.
- Other warning signage can be used.

Engineering Solutions
Design to Manufacture

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Protection:

II 2GD Ex emb II T3/T4 IP64, Ex tD A21 T90°C

Certification: ATEX & IEC Ex Certified by SIRA

	Certification	Ambient	Voltage Range	Certificate
HDL108	II 2GD Ex emb II T3/T4 IP64	Standard Range -40°C to +55°C T3 -40°C to +35°C T4 Emergency Range -15°C to +55°C T3 -15°C to +35°C T4	110V to 254V	IEC Ex SIR 06.0027 SIRA 06 ATEX 3080

Emergency Version: Standard emergency – one fluorescent lamp remains at a reduced output. Can be operated, maintained or non maintained.

Fire Exit Sign: Visible glass area 300mm x 150mm (standard size for fire exit signage). Wall or ceiling mounted. Can be supplied with signage or facility for end user to fit own. Other warning signage can be used.

Electrical Specifications:

Electrical Specification			
Lamp Options	Power consumption	Power factor	Available power supplies
2 x 18W CFL STD	32W circuit watts at 240V – 0.14A (120V – 0.28A)	Better than 0.95	220V – 254V, 47/63 Hz AC/DC 110V – 130V, 47/63 Hz AC/DC Emergency version as above – AC only
2 x 18W CFL EM	36W circuit watts at 240V – 0.15A (120V – 0.3A)		

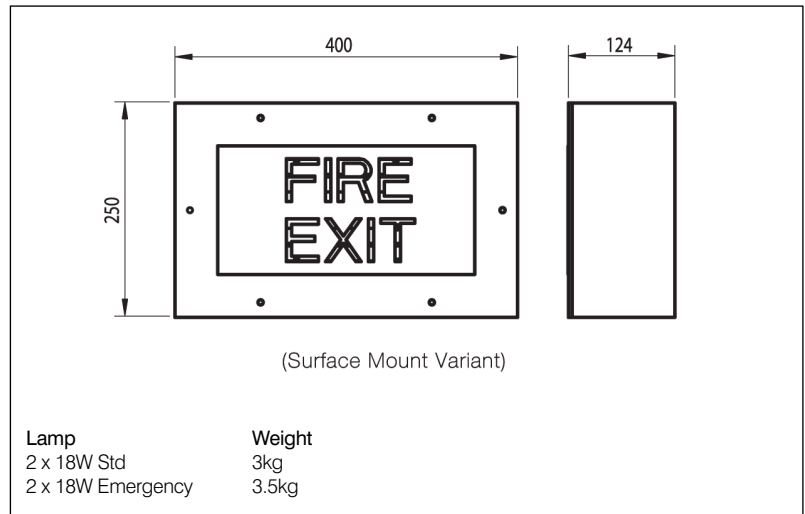
Installation:

Terminals: Up to 6mm² clamp terminals for live, live switched, neutral, earth and looping are provided. Internal and external earth, as standard, Screw terminals upon request.
Cable Entries: To suit individual customer requirements.
Suspension: Via internal mounting holes.
Installation: Installation document AL10091 supplied.

Ordering Matrix:

Field	Options
Product	HDL108
Version	S – Non Emergency E – Emergency
Fittings	R – Recessed S – Surface Mount
Voltage	H – High Voltage (220V – 254V) M – Medium Voltage (110V – 130V)
Cable Entries	O – M20 Entries 5 – M25 Entries
Lamp Options	218 – 2 x 18W

Dimensions:



Notes:

- 1) Final Product Code should be in the format: HDL108SRH0218
- 2) Please specify any signage require at point of ordering. Exit sign pack AL10275.
- 3) Mild Steel as standard, contact the Sales Office for Stainless Steel.
- 4) For Photometric Data contact the Sales Office.

