

Wellglass

Zone 2 Ex nR Wellglass

HDL 223 Small Wellglass
HDL 224 Large Wellglass



Specification:

Main Body:

Marine Grade Aluminium

Lamp Glass:

Toughened Glass

External Fasteners:

A4 Stainless Steel

T Rating:

T3 / T4

External Reflector:

Aluminium

Key Features:

- Simple installation.
- Straightforward maintenance.
- Integral control gear - easily removed.
- Wide choice of voltage and lamp options.
- Control gear and associated components housed in separate easily removed assembly.
- Lamp types and wattages can also be easily changed by new easily removed control gear assembly.
- Suitable for use with elliptical or tubular lamps.
- Zone 1 variants available.
- Optional external reflector - ideal for warehousing etc.

Engineering Solutions
Design to Manufacture

HADAR
LIGHTING 

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Protection:

II 3GD Ex nR II T4 Gc (pendant), or T3 Gc (universal) IP66/67 Ex tc IIIC T130°C Dc (pendant), or T175°C Dc (universal).



Certification: ATEX & IEC Ex by SIRA

	Certification	Ambient	Voltage Range	Certificate
HDL 223 HDL 224	II 3GD Ex nR II T4 Gc (pendant), or T3 Gc (universal) IP66/67 Ex tc IIIC T130°C Dc (pendant), or T175°C Dc (universal).	-20°C to see table below	See table below	IECEXSIR09.0046 SIRA09ATEX4175

Electrical Specifications:

Electrical Specification					Electrical Specification				
Lamp Options	Lamp holder	Power factor	Power consumption	Ambient	Lamp Options	Lamp holder	Power factor	Power consumption	Ambient
50W MBF	E27	0.85	55W	55°C	50W SON	E27	0.85	55W	55°C
80W MBF	E27	0.85	90W	55°C	70W SON	E27	0.85	80W	55°C
125W MBF	E27	0.85	140W	55°C	150W SON	E40	0.85	170W	55°C
250W MBF	E40	0.85	280W	45°C	250W SON	E40	0.85	275W	45°C
400W MBF	E40	0.85	440W	45°C	400W SON	E40	0.85	440W	45°C
					70W MBI	E27	0.85	80W	55°C
					100W MBI	E27	0.85	115W	55°C
					150W MBI	E27	0.85	170W	55°C
					250W MBI	E40	0.85	280W	45°C
					400W MBI	E40	0.85	440W	45°C
					500W (Max) GLS*	E40	0.85	400W	45°C

Installation:

Terminals: 4mm² clamp terminals as standard for live, live switched, neutral, earth and looping provided. Internal and external earth as standard.
6mm² and screw terminals available on request.
Cable Entries: 2 x M20. Other entries available on request.
Suspension: Via stirrup bracket supplied. See drawings below.
Installation: Installation document AL10332A supplied.

*HDL223 - 300W (Max) GLS

Ordering Matrix:

Field	Options
Product	HDL223S HDL224S
Voltage	22 - 220V 23 - 230V 24 - 240V 25 - 250V
Frequency	5 - 50Hz 6 - 60Hz
Cable Entries	00 - 2 x M20 05 - 2 X M25
Lamp Options	50 - 50W 70 - 70W 80 - 80W 100 - 100W 125 - 125W 150 - 150W 250 - 250W 400 - 400W 500 - 500W
Options	M - MBF Mercury H - MBI Metal Halide E - SON High Pressure Sodium G - GLS

Dimensions:

Type	Description	Weight	Voltage
HDL 223	50W to 150W SON, MBI, MBF, GLS	13kg	220V, 230V, 240V, 250V 50/60Hz
HDL 224	150W to 400W SON, MBI, MBF, GLS	18kg	220V, 230V, 240V, 250V 50/60Hz

Notes:

- 1) Final Product Code should be in format: HDL223S24500400E
- 2) Photometric Data available from the website or contact sales office.
- 3) External reflector item no. ALA90086 suitable for HDL224. Item no. ALA90086A suitable for HDL223

