



620 Well Glass



621 Bulkhead with wire guard

A popular Zone 1 fitting offering the following benefits:

- Integral Ex e terminal chamber for less corrosion and faster installation
- Long replacement cycle due to robust heavy duty construction
- Wide variety of lamp options
- Versions suitable for use in high ambient temperatures
- Angled installation possible with pivot bracket accessory
- Internal or external reflectors maximises lamp output
- Low profile bulkhead ideal for walkways and pedestrian access points (621 Series)
- Marine grade alloy suitable for offshore installation
- Optional stainless steel labels for enhanced record keeping in harsh environments

Typical applications

Chemical sites	Offshore	Exposed walkways	Fuel storage facilities
Refineries	Marine	Grain storage	Water treatment plants
Docks / jetties	Pharmaceutical	Paper mills	Metal treatment plants

Specification & options

620 Lamp types & 'T' ratings

Specification	Details	Lamp Types/Lamp holder	620 Well Glass All certified Ex de IIC (gas) and Ex tb IIIC (dust)
Certification Code (Gas)	Ex de IIC Gb T6 - T2	300W GLS (max) / E27	T3@Ta=55°C
Certification Code (Dust)	Ex tb IIIC Db T6 - T2	150W SON / E27	T4@Ta=40°C, T3@Ta=60°C
Protection type	Ex de (flameproof, increased safety)	250W SON / E27	T3@Ta=40°C
ATEX / IECEx type class	Group II Category 2 GD	125W HPMV / E27	T4@Ta=40°C, T3@Ta=60°C
Certification standards	EN 60079, EN 61241, IEC 60079, IEC 61241	250W HPMV / E27	T3@Ta=39°C
Certificate(s)	SIRA01ATEX1033, IEC Ex SIR09.0029X		
Suitable zoned areas	Zone 1 and Zone 2, Zone 21 and Zone 22		
Gas group suitability	IIA, IIB, and IIC		
Ambient Range (Max)	-20°C to 110°C - see lamp types		
Material	Corrosion resistant long life marine grade aluminium body with toughened borosilicate glass dome		
Ingress protection (IP rating)	IP66		
Cable Entries	2 x M20—ISO (1 plugged) as standard Other threads available		
Electrical connections	4 wire and earth. Cable size 4mm ² max With looping facility		
Control Gear (when fitted)	Electronic ballast, ignitor & capacitor		
Supply voltage	240V 50Hz		
Installation / Mounting	Back mounted fixing strap		
Re-lamp access	Via removable screw threaded glass dome		
Weight	12.5 - 16.0kg (lamp dependant)		

Lamp Types/Lamp holder	620 Well Glass high temperature (HT) version All certified Ex de IIC (gas) and Ex tb IIIC (dust)
300W GLS (max) / E27	T3@Ta=85°C
150W GLS / E27	T3@Ta=100°C
100W GLS / E27	T4@Ta=40°C, T3@Ta=100°C
150W SON / E27	T3@Ta=90°C
250W SON / E27	T3@Ta=70°C
250W HPMV / E27	T2@Ta=65°C, T3@Ta=50°C
125W HPMV / E27	T3@Ta=90°C
2x105W Halogen GLS / E27	T3@Ta=85°C
105W Halogen GLS / E27	T4@Ta=40°C, T3@Ta=100°C
3x70W Halogen GLS / E27	T3@Ta=55°C
2x70W Halogen GLS / E27	T4@Ta=33°C, T3@Ta=100°C
70W Halogen GLS / E27	T4@Ta=33°C, T3@Ta=110°C
2x70W Halogen H1	T4@Ta=33°C, T3@Ta=100°C

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Options	Details
Pendant Mount	Flexible mounting with eyebolts (PM option)
Reflectors	Internal & External are available (R option)
Wire guard	For glass dome impact protection (WG option)
Pivot bracket	For complete directional control (PB option)



External reflector option



Wire guard option

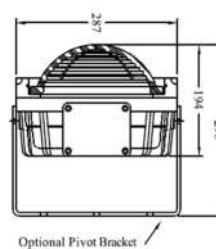


Coloured glass option

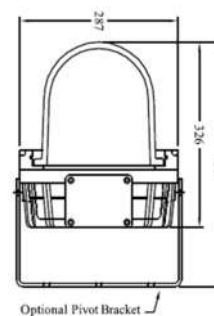
621 Lamp types & 'T' ratings

Lamp Types/Lamp Holder	621 Bulkhead All certified Ex de IIC (gas) and Ex tb IIIC (dust)
200W GLS (max) / E27	T4@Ta=33°C
125W HPMV / E27	T4@Ta=40°C
80W HPMV / E27	T4@Ta=40°C, T3@Ta=60°C
25W SL / E27	T6@Ta=40°C, T5@Ta=60°C
70W SON / E27	T4@Ta=40°C
Lamp Types/Holder Available	621 Bulkhead high temperature (HT) version All certified Ex de IIC (gas) and Ex tb IIIC (dust)
200W GLS (max) / E27	T3@Ta=60°C
125W HPMV / E27	T3@Ta=70°C
80W HPMV / E27	T3@Ta=90°C
25W SL or PLCE / E27	T5@Ta=60°C
70W SON / E27	T3@Ta=90°C
2x70W Halogen GLS / E27	T4@Ta=33°C, T3@Ta=90°C
70W Halogen GLS / E27	T4@Ta=33°C, T3@Ta=100°C

Fixing & Dimensions/mm



621 Bulkhead



620 Well Glass

How to select your product for ordering

Example: A 620 wellglass with twin 70W halogen lamps, with reflector and wire guard, for use at high ambient temperatures

Model / Lamp type / Mains voltage / Mains frequency / Options / Options / Options

620

2x70WHal

240

50Hz

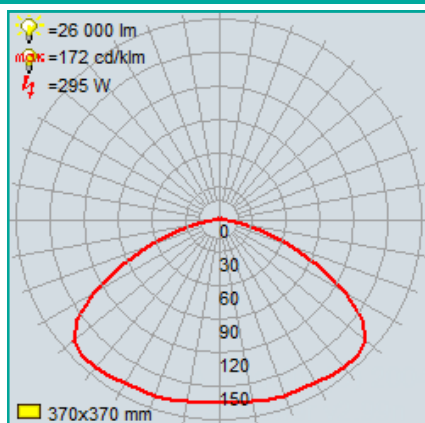
Reflector

Wire Guard

High Temperature
version

Product code required is:

620 / 2x70HAL / 240 / 50 / R / WG / HT



Photometric data available—contact for details

Also available from Petrel



Zone 1 Floodlight



Zone 1 Fluorescent

Representation worldwide