

Optimus Wellglass

The Optimus Ex nR wellglass range is designed for use in Zone 2 & 22 hazardous areas. The flexible body is capable of accepting a wide range of lamp types

Key Features:

- Lightweight Aluminium construction
- Hinged base/body combination for easy installation
- Versatile range of mounting options



IP66/67

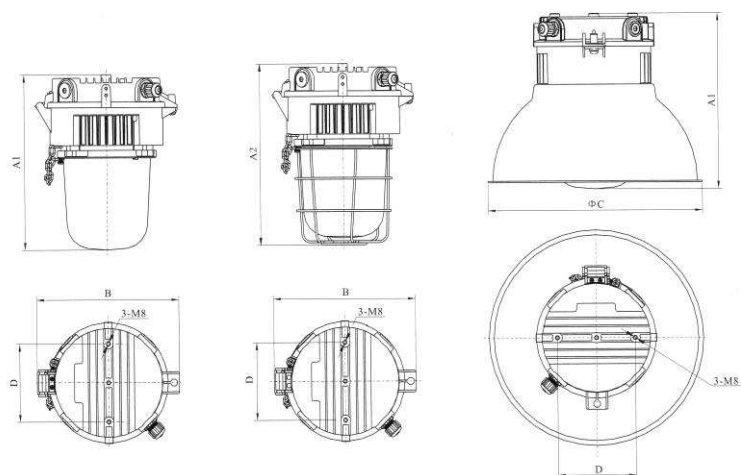


Luminaire Ratings

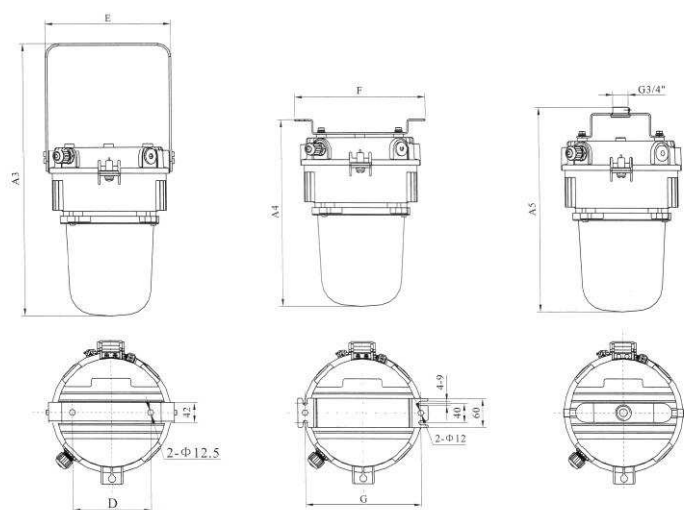
Product Reference	Lamp Type	Lamp Cap	Power (W)	Temperature Rating*	Ambient Temperature*	Weight (kg)
LX2OPT1050SH	HPS/MBI	E27	50	T3	-55°C to +45°C	9.0
LX2OPT1070SH	HPS/MBI	E27	70	T3	-55°C to +45°C	9.0
LX2OPT2150SH	HPS/MBI	E40	150	T3	-55°C to +45°C	9.0
LX2OPT2250SH	HPS/MBI	E40	250	T3	-55°C to +45°C	15.8

Standard Specifications

Luminaire Type	Zone 2 Wellglass Luminaire
Ingress Protection	IP66/67 to EN60529
Material	Epoxy painted die cast aluminium, toughened borosilicate globe & stainless steel fasteners
Distribution/output	General illumination
Lamp Types	High Pressure Sodium or Metal Halide
Lamp Cap	E27/ES & E40/GES
Lamp Change	Via globe (retained by suspension mechanism)
Cable Entry	2 x M25 clearance holes. Supplied with 1 x Ex plug and 1 x transit plug
Terminals	Looping terminals for up to 6mm ² conductors
Control Gear	Copper and iron ballast, timed impulse ignitor, pfc capacitor (where required)
Orientation	Universal
Mounting	Via two rear M6 tapped holes
Supply	220 to 254V 50/60Hz ac
Certification	
Area Classification	Zone 2 & 22, Gas and Dust
Type of Protection	Ex nR (restricted breathing)
Apparatus Coding	Ex nR IIC T# Gc, Ex tc IIIC T°C Dc (refer to table to T rating and ambient)
Certificate Number	ATEX 14ATEX4002X / IECEx CML 14.0021X



	A1	A2	B	ΦC	D	A3	A4	A5	E	F	G
ATW1	358	373	293	475	160	559	388	421	258	270	240
ATW2	438	453	293	685	160	639	468	501	258	270	240



Options

60	60Hz ac dc operation
110	110 - 130V operation
S	Stanchion mount version to suit 2" BSP thread

Add the required suffix to the product reference.

Example: **LX2OPT250SHS** = Zone 2, 250W HPS/MH wellglass, stanchion mounted

Accessories

LX4OPT-SB	Saddle bracket
LX4OPT-PB	Pendant bracket
LX4OPT-CB	Ceiling bracket
LX4OPT-DR	Dome reflector
LX4OPT-WG	Wire guard
ABREM25M20	M25 to M20 reducer



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