

FMV1000 Ex Floodlight 600W~1000W

Product Introduction

FMV1000 Very High Wattage Floodlight, suitable for outdoors Zone 2/Zone 21/Zone 22 hazardous area and wet locations.

- At refineries , chemical , pharmaceutical and petrochemical plants, waste and sewage treatment plants, pulp and paper mills and other industrial facilities containing hazardous areas.
- To light process areas, storage tank and rack areas, loading docks, rail yards, building perimeters, parking areas, vehicle and pedestrian passageways and even sports applications.
- In industrial locations where the damaging effects of rain, snow, wind, moisture, dirt, corrosion, vibration and rough usage may be a problem.



Product Features

- Heavy duty extruded aluminum housing with epoxy powder coat finish.
- Heat and impact resistant tempered glass lens.
- Stainless steel exterior hardware.
- Restricted breathing design with improved T rating.
- Require only two bolts to mount.
- Easily adjustable to aim light where desired.
- Ambient temperature: -25°C~+55°C.

Technical Data

Marking acc.to ATEX	Ⓔ II 3 G Ex nR IIC T3 Gc Ⓔ II 2 D Ex tb IIIC T...°C
Marking acc.to IECEx	Ex nR IIC T3 Gc / Ex tb IIIC T...°C
Marking acc.to GB	Ex nR IIC T3 Gc / DIP A21 T _A 135°C~194°C IP66
Rated voltage	230 V 50/60 Hz (220 V / 50Hz only for GB)
Permissible ambient temperature	-25°C~+55°C/-25°C~+50°C
Power factor cos ψ	≥ 0.9
Connecting terminals	L1, N and PE; 2 x 2.5 mm ² or single 6 mm ²
Insulation class	I
Lamp/Lamp cap	HPS 1000W/600W, MH 1000W; E40
Degree of protection	IP66
Cable glands	M20x1.5 / M25x1.5
Dimensions (L x W x H)	557.5 x 540 x 280 mm
Weight approx.	¹⁾
Type of mounting	"U" mounting bracket
Standard materials	
-Housing	extruded aluminum with epoxy powder coating
-Yoke	316 stainless steel
-External	hardware stainless steel
-Lens	heat and impact resistant tempered glass
-Gasketing	neoprene

¹⁾ see the table in next page

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Ordering Logic

FMV1000 Product Group	S Lamp	Y mounting	1000 Power	/230 50 Voltage	M25 Entry	S886 Option
FMV1000	S=HPS M=MH	Y=Yoke Mount	600=600W(HPS only) 1000=1000W	/230 50=230V 50Hz /230 60=230V 60Hz	M20=M20x1.5 M25=M25x1.5	S886=Double entry

Accessories (Order Separately)

Material code	Product description
CCL1103003	SFA6 SS, 316SS Slipfitter Adapter
787724	SWB6 SS, 316SS wall bracket
2049	SFA6, Cast aluminum Slipfitter Adapter
1693	SWB6, Cast aluminum wall bracket

Temperature Class Feature

Catalog No.	Watt (W)	Lamp type	T Class(Gas)		T°C(Dust)				Weight (Kg)
			+50°C	+55°C	+40°C	+45°C	+50°C	+55°C	
FMVSY600/****	600	HPS	T3	T3	135	140	145	150	32
FMVSY1000/****	1000	HPS	T3	/	184	189	194	/	34
FMVMY1000/****	1000	MH	T3	/	184	189	194	/	34

Dimension

Lighting fixture dimension

Unit: mm

Mounting bracket dimension

mounting bracket SFA6

Wall mounting bracket SWB6

Product	Weight(kg)
Mouning bracket SFA6	1.8
Wall mounting bracket SWB6	2.7

Polar Curve

