

# NSSF MV Ex Floodlight 150W~400W

## Product Introduction

NSSF MV series comes with power from 150W up to 400W, the enclosure is made of 316 stainless steel and lens heat & impact resistant tempered glass. This nR floodlight boasts a wide and powerful beam to deliver more light to your process or pathway. Standard terminal blocks and a removal ballast component tray bring you the best combination of easy wiring and simple maintenance in one rugged package.

NSSF MV floodlights are manufactured in accordance to the ATEX Directive 94/9/EG. They are built and tested per requirements of European Standard for Gas-Ex-Areas of Zone 2 classification and Dust Ex-Areas of Zone 22.



## Product Features

- Restricted breathing design with improved T rating.
- Ideal for illumination of large areas and selective individual objects.
- Degree of protection IP66.
- Highly corrosion resistant SS316 housing, hinges, door frame and mounting yoke.
- Standard terminal block with marked terminal for easy wiring.
- Ambient temperature: -45°C~+55°C.

## Technical Data

<b>Marking acc.to ATEX</b>	⊕ Ex II 3 G Ex nR IIC T...Gc ⊕ Ex II 2 D Ex tb IIIC T...°C IP66
<b>Marking acc.to IECEx</b>	Ex nR IIC T... Gc / Ex tb IIIC T...°C IP66
<b>Rated voltage</b>	220, 230 & 240 V AC, 50/60 Hz
<b>Permissible ambient temperature</b>	-45°C ~ +55°C(150W, 250W) / -45°C ~ +50°C(400W)
<b>Power factor cosψ</b>	≥ 0.9
<b>Connecting terminals</b>	L1, N and PE; 2 x 2.5 mm <sup>2</sup> or single 6 mm <sup>2</sup>
<b>Insulation class</b>	I
<b>Lamp cap</b>	E40
<b>Degree of protection</b>	IP66
<b>Cable glands/Gland plates/Enclosure drilling</b>	2 x M20x1.5 or 2xM25 x 1.5, 1 plugged
<b>Dimensions (L x W x H)</b>	536 x 592 x 195.5 mm
<b>Weight approx.</b>	<sup>1)</sup>
<b>Type of mounting</b>	"U" mounting bracket
<b>Enclosure material</b>	stainless steel 316
<b>Enclosure colour</b>	natural
<b>Protective cover</b>	borosilicate glass

<sup>1)</sup> see the table in next page

# NSSFMV Ex Floodlight 150W~400W

## Ordering Logic

NSSFMV	S	Y	250	H	220 50	M25	S886
Product Series	Lamp Type	Mounting Type	Watt	Ballast type	Voltage	Entry	Option
NSSFMV	S=HPS M=MH	Y=Yoke Mount	150=150W 250=250W 400=400W	Default=Sodium ballast (for HPS, MHS) H=Mercury ballast (only for 400W MHM)	220V 50Hz 220V 60Hz 230V 50Hz 230V 60Hz 240V 50Hz 240V 60Hz	M20=M20x1.5 M25=M25x1.5	S886=Dual entry

## Temperature Performance

Fixture Catalog No.	Wattage	Lamp Type	T-code(Gas)				T-code(Dust)				Weight (Kg)
			Tamb.max.				Tamb.max.				
			40°C	45°C	50°C	55°C	40°C	45°C	50°C	55°C	
NSSFMVSY150/**** NSSFMVMY150/****	150	HPS	T4	T4	T3	T3	125	130	135	140	12
MH											
NSSFMVSY250/**** NSSFMVMY250/****	250	HPS	T3	T3	T3	T3	160	165	170	175	13
MH											
NSSFMVSY400/**** NSSFMVMY400/**** NSSFMVMY400H/****	400	HPS	T3	T3	T3	/	183	188	193	/	15
MH											
MH											

## 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

## Dimension

Wall mounting bracket SWB6

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

## Polar Curve

**Fixture Aiming**

**WARNING**  
TO AVOID IGNITION OF HAZARDOUS ATMOSPHERES OR OVERHEATING OF FIXTURE, DO NOT POSITION FIXTURE BEYOND AIMING RANGE LIMITS. AIMING RANGE: