

NSSF MV FOR ZONE 2/21

COOPER Crouse-Hinds



SWB6



SFA6



NSSF MV

Technical Data

NSSF MV stainless steel

Marking to 94/9/EC	⊕ II 3 G Ex nR IIC T ¹⁾	⊕ II 2 D Ex tb III C T ¹⁾ IP 66
EC-Type Examination Certificate	LCIE 11 ATEX 1014 X	LCIE 11 ATEX 3101 X
Marking to IECEx	Ex nR IIC T... Gc	Ex tb III C T... °C IP 66
IECEX-Certification of conformity	IECEX CQM 12.0004X	
Rated voltage	220 V AC, 230 V AC and 240 V AC	
Frequency	50/60 Hz	
Permissible ambient temperature	-45 °C up to +55 °C	
Power factor cos φ	> 0.9	
Connecting terminals	L, N and PE; 3 x 4 mm ² or single 6 mm ²	
Insulation class	I	
Lamp cap	E 40 acc. IEC 60238	
Light efficiency in operation	68 %	
Degree of protection accd. EN 60529	IP 66	
Cable glands/Gland plates/Enclosure drilling	2 x M20 x 1.5 or 2 x M25 x 1.5, 1 plugged	
Dimensions (L x W x H)	592 x 535 x 193 mm	
Weight	¹⁾	
Type of mounting	mounting bracket, stainless steel 316	
Enclosure material /colour	stainless steel 316 / natural	
Protective cover/protective bowl	borosilicate glass	

¹⁾ see table

Lamps and fixing accessories are not included, cable glands on request

Ordering code

Series	Lamp	Mounting	Wattage	Voltage	Frequency	Thread	Option
NSSF MV	S = HPS M = MH	Y = Yoke mount	150 = 150 W 250 = 250 W 400 = 400 W	220 = 220 V 230 = 230 V 240 = 240 V	50 = 50 Hz 60 = 60 Hz	M20 = M20x1.5 M25 = M25x1.5	S886 = Dual entry

Temperature Performance

Lamp Type	Wattage	T-code (gas) Ta			T-code (dust) Ta			Weight
		+40 °C	+50 °C	+55 °C	+40 °C	+50 °C	+55 °C	
HPS	150 W	T4	T3	T3	125 °C	135 °C	140 °C	16.9 kg
	250 W	T3	T3	T3	160 °C	170 °C	175 °C	17.5 kg
	400 W	T3	T2	/	195 °C	205 °C	/	18.6 kg
MH	150 W	T4	T3	T3	125 °C	135 °C	140 °C	16.9 kg
	250 W	T3	T3	T3	160 °C	170 °C	175 °C	17.5 kg
	400 W	T3	T2	/	195 °C	205 °C	/	18.6 kg

Ordering code Accessories

Material code	Description
SFA6 SS	Stainless steel slipfitter adapter
SWB6 SS	Stainless steel wall mounting bracket
SFA6	Standard slipfitter adapter (cast aluminium)
SWB6	Standard wall mounting bracket (cast aluminium)

STAINLESS STEEL EX-FLOODLIGHT

Stainless steel floodlight for harsh and hazardous environments

The floodlights of the series NSSFMV are constructed and manufactured in accordance to the ATEX-Directive 94/9/EG. They have been built and tested according to the latest European standards for Gas-Ex-Areas of Zone 2 classification as well as for use in Dust-Ex-Areas of Zone 21.

The light fitting series NSSFMV for HID lamps with a rating of 150 W up to 400 W have a high quality built-in reflector and a stainless steel enclosure. The transparent part consists of a temperature stable, impact resistant glass.

The modular architecture allows for a quick and cost-effective installation of the light fittings. Apart from the direct mounting per swivel bracket there is also an adapter for pole mounting and wall mounting available.

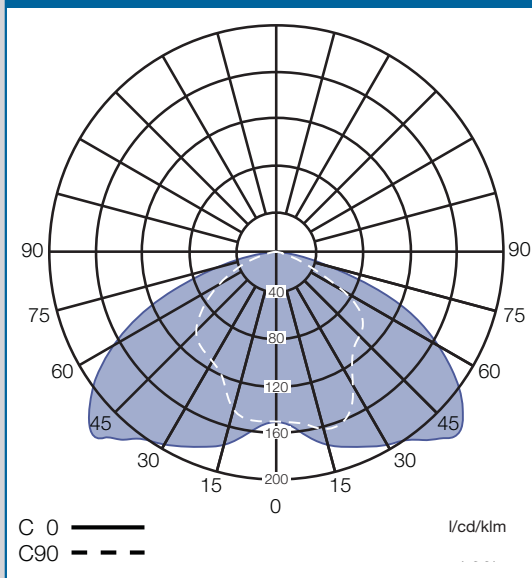
A particularly durable sealing system for use under extreme climatic conditions brings additional reliability.

The restricted breathing version allows a high illumination combined with a high temperature classification.

- Rotate and swivel light fitting housing, also for pole mounting
- Ideal for illumination of large areas and selective individual objects
- High degree of protection IP66
- High corrosion resistance
- Restricted breathing version
- For environmental temperatures from -45°C up to +55°C



Polar curve NSSFMV



Dimensional Drawing NSSFMV / slip fitter pole mounting SFA6/SFA6SS

