for the Zone 2 and 21

COOPER Crouse-Hinds

NFMV floodlight for high pressure discharge lamps metal version for Zone 2/21:

The explosion-protected floodlights NFMV in accordance to the ATEX-Directive 94/9/EG.

They have been built and tested according to the European Standard for Gas-Ex-Areas of Zone 2 classification as well as for use in Dust-Ex-Areas of Zone 21.

The light fitting series NFMV for high pressure lamps with a rating of 150 W up to 400 W and have a high quality built-in reflector. The enclosure of the NFMV is made of light alloy with epoxy powder coating. 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 a pole version 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 convenient temperature classification T3.





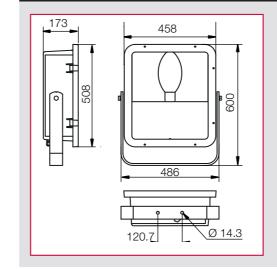
NFMV	
Marking to 94/9/EC	
Type Examination Certificate	DEMKO 10 ATEX 0907694
EC Type Examination Certificate	DEMKO 10 ATEX 147285
Permissable ambient temperature	-25 °C to +55 °C (250W) / +50 °C (400 W)
Rated voltage	230 V (220 V and 240 V option)
Frequency	50 Hz (60 Hz option)
Power factor cos φ	> 0,9
Connecting terminals	L, N and PE; 2x 4 mm ²
Insulation class	
Lamp cap	E 40 acc. IEC 60238
Light efficiency in operation	60 %
Degree of protection accd. EN 60529	IP 66
Cable glands/Gland plates/Enclosure drilling	1 x M20 x 1.5 cable gland, 1 x M20 thread plugged
Dimensions (L x W x H)	600 x 458 x 173 mm
Enclosure material	light alloy with epoxy powder coating
Enclosure colour	grey
Protective cover/protective bowl	borosilicate glass

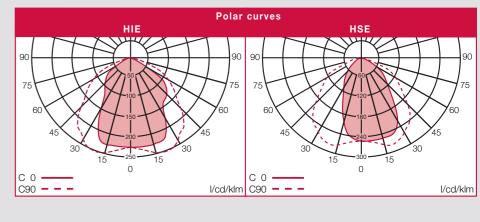
Other voltages and frequencies on request.

Ordering details

Туре	HSE Lamp	Rated luminous flux	HIE Lamp	Rated luminous flux	Rated current	Weight (approx. kg)	Order No.
NFMV							
HSE 150 W	150 W	14000 lm			1,06 A	15,5	NOR 000 005 180 021
HSE/HIE 250 W	250 W	25000 lm	250 W	17000 lm	1,35 A	16,9	NOR 000 005 180 024
HSE/HIE 400 W	400 W	47000 lm	400 W	30000 lm	2,00 A	18,6	NOR 000 005 180 027

Dimensions / Polar curves





Swivel light fitting housing, also for pole mounting

Ideal for illumination of large areas and selective individual objects

Degree of protection IP66

High corrosion resistance

Restricted breathing version

For environmental temperatures up to +55 °C/ 50 °C

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