

EX - PENDANT LIGHT FITTING

**NVMV for high pressure discharge lamps of up to 400 W
Metal version for Zone 2/22**

The explosion-protected light fittings of the NVMV series are 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 to EN 61241-1 for use in Dust-Ex-Areas of Zone 22.

The light fittings series NVMV with the small housing is designed for lamps with a rating of 70 W up to 150 W. The large housing is designed for lamps with a rating of 250 W up to 400 W.

The transparent part consists of a temperature stable, impact resistant glass globe that refracts the light and which is protected with a safety-guard.

The modular architecture allows for a quick and cost-effective installation of the light fittings.

For pole mounting, a thread of 1 1/4" BSP is integrated in the light fitting.

Apart from ceiling mounting, there are versions available for pole mounting (25° angle) and wall mounting.

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.

Ideal for installation at low or medium heights, for wall, ceiling or pole mounting

Compact and light-weight

Degree of protection IP66/67

High corrosion resistance

Restricted breathing version for temperature classes up to T4

Environmental temperatures up to +55 °C





Technical data

NVMV CHAMP for high pressure discharge lamps up to 400 W

Marking to 94/9/EC	II 3 G Ex nR IIC T ¹⁾ II 3 D Ex tD A22 IP6X T ¹⁾
Type Examination Certificate	applied for
Permissible ambient temperature	-20 °C up to +55 °C
Rated voltage	240 V/50 Hz (other voltage and frequencies on request)
Power factor cos	> 0.9
Connecting terminals	L, N and PE; max. 2 x 2.5 mm ²
Insulation class	I
Lamp cap	E 27 (70 W HSE, 125 W HME, 150 W HIE) E 40 (150 W HSE - 400 W HSE/HME)
Light efficiency in operation	74 % (70 - 150 W) 78 % (250 - 400 W)
Degree of protection accd. EN 60529	IP67/66
Cable glands/Gland plates)Enclosure drilling	Drilling 4 x M25 x 1.5 with blanking plug
Dimensions (L x W x H)	420 x 294 x 318 mm (70 - 150 W) 555 x 294 x 318 mm (250 - 400 W)
Weight	see ordering details
Enclosure material	light alloy with epoxy powder coating
Enclosure colour	grey
Protective cover/protective bowl	borosilicate glass

Additional lamp data

Lamp	Power	Rated luminous flux ²⁾	Temperature class II 3 G -20 °C up to +55 °C	Surface temperature II 3 D -20 °C up to +55 °C
NVMV (smalling housing)				
HSE ³⁾	70 W	5.600 lm	T4	130 °C
HSE ³⁾	150 W	14.000 lm	T3	195 °C
HME ⁴⁾	125 W	6.300 lm	T3	195 °C
HIE ⁵⁾	70 W	5.100 lm	T4	130 °C
HIE ⁵⁾	150 W	11.500 lm	T3	195 °C
NVMV (large housing)				
HSE ³⁾	250 W	25.000 lm	T3	195 °C
HSE ³⁾	400 W	47.000 lm	T3	195 °C
HME ⁴⁾	250 W	13.000 lm	T3	195 °C
HIE ⁵⁾	250 W	17.000 lm	T3	195 °C
HIE ⁵⁾	400 W	31.000 lm	T2	290 °C

¹⁾ see table

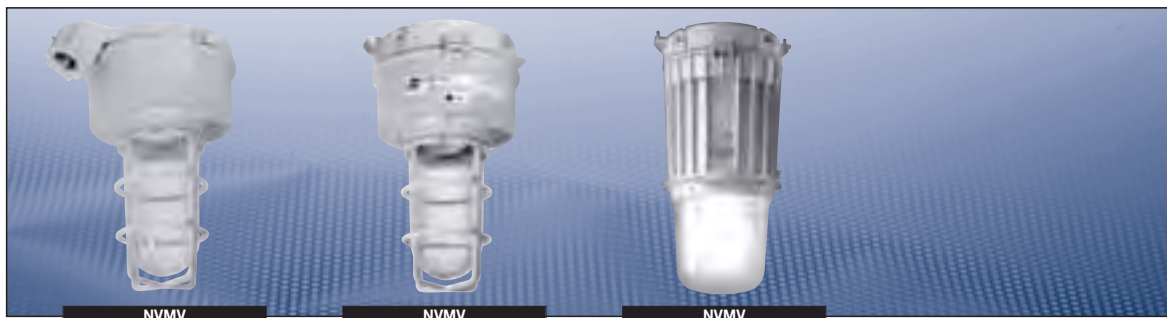
²⁾ depends on used lamps

³⁾ HSE = High pressure sodium lamp

⁴⁾ HME = High pressure mercury vapor

⁵⁾ HIE = High pressure metal halide lamp

Ex-Pendant light fitting



Ordering details

Type	Mounting	HSE	HME	HIE	Weight (approx. kg)	Order No.
NVMV... (small enclosure)						
S2MC076P000	Ceiling	70 W			6.6	1 2341 000 001
S2MC156P000	Ceiling	150 W			7.0	1 2341 000 002
H2MC126P000	Ceiling		125 W		7.0	1 2341 000 003
M2MC076P000	Ceiling			70 W	6.6	1 2341 000 004
M2MC156P000	Ceiling			150 W	7.0	1 2341 000 005
S2MW076P000	Wall	70 W			6.6	1 2341 000 051
S2MW156P000	Wall	150 W			7.0	1 2341 000 052
H2MW126P000	Wall		125 W		7.0	1 2341 000 053
M2MW076P000	Wall			70 W	6.6	1 2341 000 054
M2MW156P000	Wall			150 W	7.0	1 2341 000 055
S4BJ076P000	Thread* 1 1/4", BSP	70 W			6.6	1 2341 000 101
S4BJ156P000	Thread* 1 1/4", BSP	150 W			7.0	1 2341 000 102
H4BJ126P000	Thread* 1 1/4", BSP		125 W		7.0	1 2341 000 103
M4BJ076P000	Thread* 1 1/4", BSP			70 W	6.6	1 2341 000 104
M4BJ156P000	Thread* 1 1/4", BSP			150 W	7.0	1 2341 000 105

NVMV... (large enclosure)						
S2MC256PL00	Ceiling	250 W			14.2	1 2342 000 001
S2MC406PL00	Ceiling	400 W			17.5	1 2342 000 002
H2MC256PL00	Ceiling		250 W		14.2	1 2342 000 003
M2MC256PL00	Ceiling			250 W	14.2	1 2342 000 004
M2MC406PL00	Ceiling			400 W	17.5	1 2342 000 005
S2MW256PL00	Wall	250 W			15.5	1 2342 000 051
S2MW406PL00	Wall	400 W			17.6	1 2342 000 052
H2MW256PL00	Wall		250 W		15.5	1 2342 000 053
M2MW256PL00	Wall			250 W	15.5	1 2342 000 054
M2MW406PL00	Wall			400 W	17.6	1 2342 000 055
S4BJ256PL00	Pole	250 W			14.4	1 2342 000 101
S4BJ406PL00	Pole	400 W			17.6	1 2342 000 102
H4BJ256PL00	Pole		250 W		14.4	1 2342 000 103
M4BJ256PL00	Pole			250 W	14.4	1 2342 000 104
M4BJ406PL00	Pole			400 W	17.6	1 2342 000 105

*Thread for 1 1/4" BSP pole mounting

Lamps and fixing accessories are not included

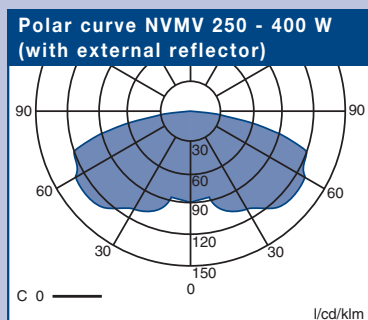
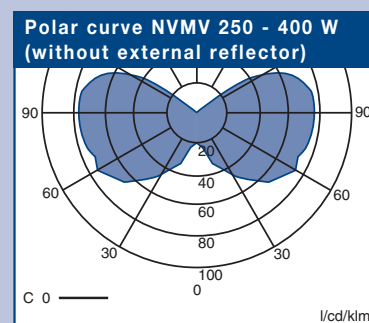
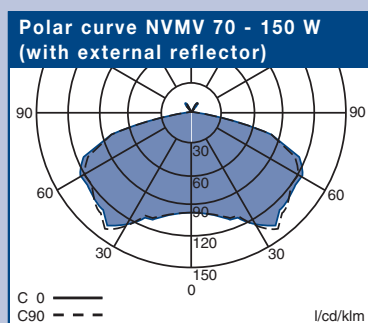
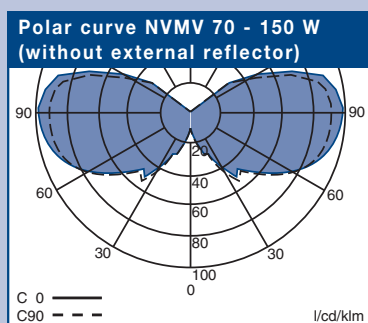
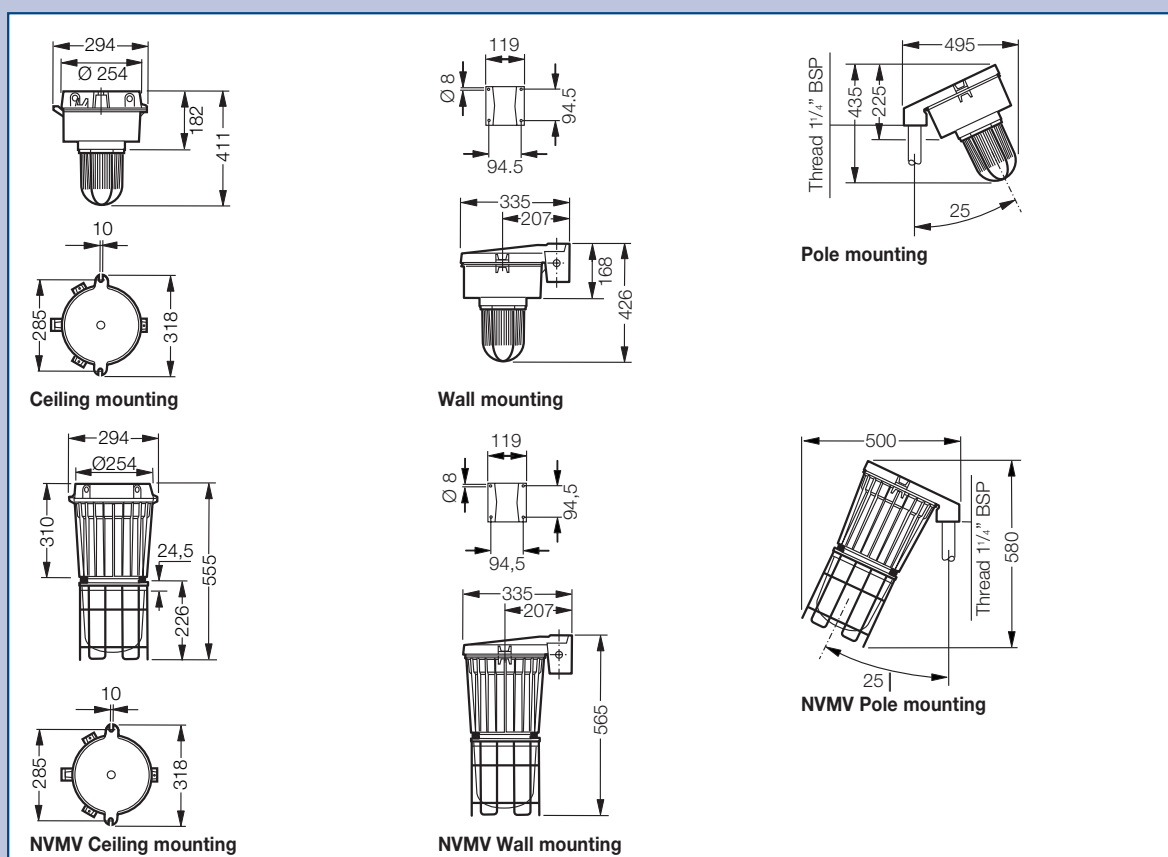
Accessories

NVMV CHAMP		
Type	Content	Order No.
RD 70	External reflector (70 - 150 W)	3 2341 001 001
RD 47	External reflector (250 - 400 W)	3 2342 001 001

Metal cable glands see page 8.10...



Dimensions drawing



Dimensions in mm