



Technical data

NVMV for high pressure discharge lamps up to 400 W

Marking to 94/9/EC	D II 3 G Ex nR II T ¹) Gc / D II 2 D Ex tb IIIC T ¹) °C Db IP 66
Type Examination certificate (Gas)	LCIE 10 ATEX 1005
EC-Type Examination certificate (Dust)	LCIE 10 ATEX 3029
Permissible ambient temperature	-45 °C up to +55 °C
Rated voltage	230 V/50 Hz 220-240 V/50-60 Hz (on request)
Power factor cos φ	> 0.9
Connecting terminals	L, N and PE; max. 6 mm ²
Insulation class	I
Lamp cap	E 27 (70 W HPS / 70-150 W MH) E 40 (100-400 W HPS / 250-400 W MH)
Light efficiency in operation	74 % (70-125 W) 78 % (250 - 400 W)
Degree of protection acc. to EN 60529	IP66
Cable glands/gland plates enclosure drilling	Drilling 4 x M 25 x 1.5 with blanking plug
Dimensions (L x W x H)	see dimensions drawing
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 ⁴⁾	Temperature class -45 °C up to +55 °C with reflector	Surface temperature -45 °C up to +55 °C	
				without reflector	with reflector
NVMV... (small enclosure - SE)					
HSE ²⁾	70 W	5.600 lm	T4	114 °C	119 °C
HSE ²⁾	100 W	8.500 lm	T4	114 °C	119 °C
HSE ²⁾	150 W	14.500 lm	T3	137 °C	155 °C
HSE ²⁾	250 W	27.000 lm	T2 (T3 without reflector)	183 °C	204 °C
HIE ³⁾	70 W	5.200 lm	T4	114 °C	119 °C
HIE ³⁾	100 W	8.500 lm	T4	114 °C	119 °C
HIE ³⁾	150 W	12.500 lm	T3	137 °C	155 °C
HIE ³⁾	250 W	19.000 lm	T2 (T3 without reflector)	183 °C	204 °C
NVMV... (large enclosure - LE)					
HSE ²⁾	250 W	27.000 lm	T3	152 °C	152 °C
HSE ²⁾	400 W	48.000 lm	T3	174 °C	190 °C
HIE ³⁾	250 W	19.000 lm	T3	152 °C	152 °C
HIE ³⁾	400 W	34.000 lm	T2 (T3 without reflector)	174 °C	208 °C

¹⁾ see table

²⁾ HSE = High pressure sodium lamp

³⁾ HIE = High pressure metal halide lamp

⁴⁾ Depends on manufacturer

Ex-Pendant Light Fittings in Metal Version

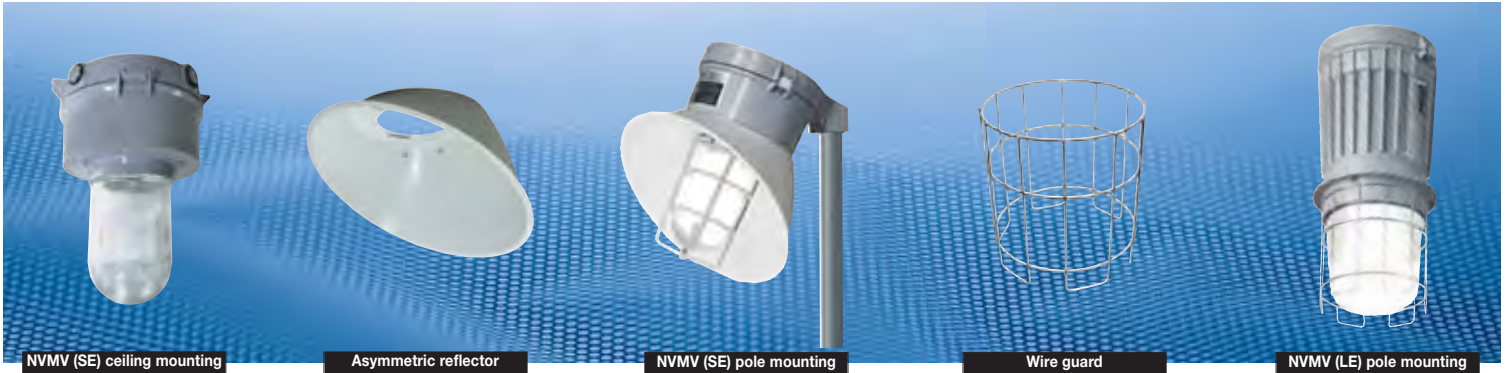
Ordering details

Type	Mounting	HPS HSE/HST	MH HIE/HIT	Lamp current	Weight (approx.)	Order-No.
NVMV... (small enclosure (SE) - 230 V/50 Hz)						
S2MC 075 O 00	Ceiling	70 W	-	1.0 A	7.6 kg	CCL 0 807 178 E
S2MC 105 O 00	Ceiling	100 W	-	1.2 A	7.6 kg	CCL 0 807 184 E
S2MC 155 O 00	Ceiling	150 W	-	1.8 A	7.6 kg	CCL 0 807 190 E
S2MC 255 O 00	Ceiling	250 W	-	3.0 A	7.6 kg	CCL 0 807 196 E
M2MC 075 O 00	Ceiling	-	70 W	1.0 A	7.6 kg	CCL 0 807 113 E
M2MC 105 O 00	Ceiling	-	100 W	1.2 A	7.6 kg	CCL 0 807 119 E
M2MC 155 O 00	Ceiling	-	150 W	1.8 A	7.6 kg	CCL 0 807 125 E
M2MC 255 O 00	Ceiling	-	250 W	3.0 A	7.6 kg	CCL 0 807 137 E
S2MW 075 O 00	Wall	70 W	-	1.0 A	8.0 kg	CCL 0 807 202 E
S2MW 105 O 00	Wall	100 W	-	1.2 A	8.0 kg	CCL 0 807 208 E
S2MW 155 O 00	Wall	150 W	-	1.8 A	8.0 kg	CCL 0 807 214 E
S2MW 255 O 00	Wall	250 W	-	3.0 A	8.0 kg	CCL 0 807 220 E
M2MW 075 O 00	Wall	-	70 W	1.0 A	8.0 kg	CCL 0 807 143 E
M2MW 105 O 00	Wall	-	100 W	1.2 A	8.0 kg	CCL 0 807 149 E
M2MW 155 O 00	Wall	-	150 W	1.8 A	8.0 kg	CCL 0 807 155 E
M2MW 255 O 00	Wall	-	250 W	3.0 A	8.0 kg	CCL 0 807 167 E
S5NJ 075 O 00	Pole ¹⁾	70 W	-	1.0 A	8.0 kg	CCL 0 807 225 E
S5NJ 105 O 00	Pole ¹⁾	100 W	-	1.2 A	8.0 kg	CCL 0 807 226 E
S5NJ 155 O 00	Pole ¹⁾	150 W	-	1.8 A	8.0 kg	CCL 0 807 227 E
S5NJ 255 O 00	Pole ¹⁾	250 W	-	3.0 A	8.0 kg	CCL 0 807 228 E
M5NJ 075 O 00	Pole ¹⁾	-	70 W	1.0 A	8.0 kg	CCL 0 807 172 E
M5NJ 105 O 00	Pole ¹⁾	-	100 W	1.2 A	8.0 kg	CCL 0 807 173 E
M5NJ 155 O 00	Pole ¹⁾	-	150 W	1.8 A	8.0 kg	CCL 0 807 174 E
M5NJ 255 O 00	Pole ¹⁾	-	250 W	3.0 A	8.0 kg	CCL 0 807 176 E
NVMV... (Large enclosure (LE) - 230 V/50 Hz)						
S2MC 255 OL 0	Ceiling	250 W	-	3.0 A	21.0 kg	CCL 1 030 119 E
S2MC 405 OL 0	Ceiling	400 W	-	4.6 A	21.0 kg	CCL 1 030 145 E
M2MC 255 OL 0	Ceiling	-	250 W	3.0 A	21.0 kg	CCL 1 030 106 E
M2MC 405 OL 0	Ceiling	-	400 W	4.2 A	21.0 kg	CCL 1 030 132 E
S2MW 255 OL 0	Wall	250 W	-	3.0 A	21.4 kg	CCL 1 030 125 E
S2MW 405 OL 0	Wall	400 W	-	4.6 A	21.4 kg	CCL 1 030 151 E
M2MW 255 OL 0	Wall	-	250 W	3.0 A	21.4 kg	CCL 1 030 112 E
M2MW 405 OL 0	Wall	-	400 W	4.2 A	21.4 kg	CCL 1 030 138 E
S5NJ 255 OL 0	Pole ¹⁾	250 W	-	3.0 A	21.4 kg	CCL 1 030 130 E
S5NJ 405 OL 0	Pole ¹⁾	400 W	-	4.6 A	21.4 kg	CCL 1 030 156 E
M5NJ 255 OL 0	Pole ¹⁾	-	250 W	3.0 A	21.4 kg	CCL 1 030 117 E
M5NJ 405 OL 0	Pole ¹⁾	-	400 W	4.2 A	21.4 kg	CCL 1 030 143 E

¹⁾ Thread 1 1/2" NPT

Accessories

Type for small enclosure (SE)	Order-No.
Guard P 22 in stainless steel	7824
Globe G251	10678
External reflector, symmetric, RD 70 (70 - 250 W)	11718
External reflector, asymmetric, RA 70 (70 - 250 W)	9620
Champ quick-clip S 890 mounting accessories	11923847
Pendant mounting bracket	CHR7326
Type for large enclosure (LE)	Order-No.
Guard P 33 in stainless steel	26249
External reflector, symmetric, RD 739 (250 - 400 W)	2590
External reflector, asymmetric, RA 739 (250 - 400W)	2588
Champ quick-clip S 890 mounting accessories	11923847
Pendant mounting bracket	CHR7326



NVMV (SE) ceiling mounting

Asymmetric reflector

NVMV (SE) pole mounting

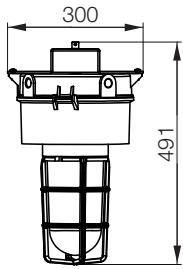
Wire guard

NVMV (LE) pole mounting

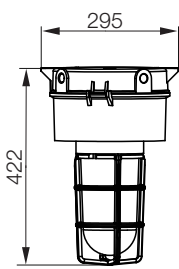
Dimensions drawing

NVMV with small enclosure (SE)

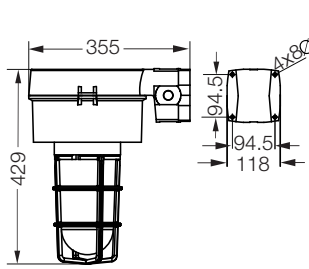
Pendant mounting



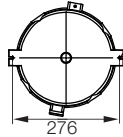
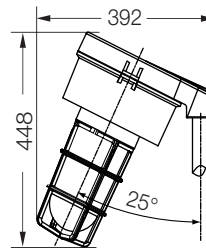
Ceiling mounting



Wall mounting

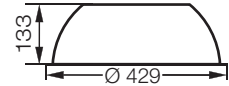


Pole mounting

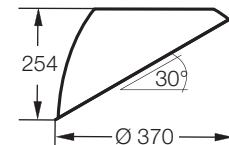


Accessories

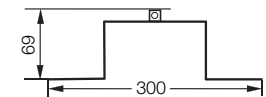
External reflector RD 70 (symetric)



External reflector RA 70 (asymetric)

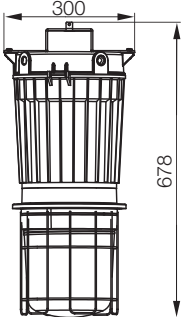


Pendant mounting bracket

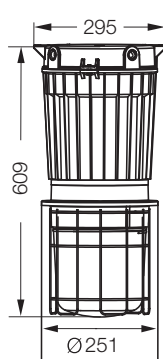


NVMV with large enclosure (LE)

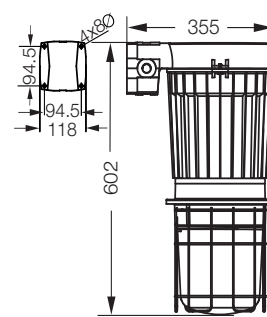
Pendant mounting



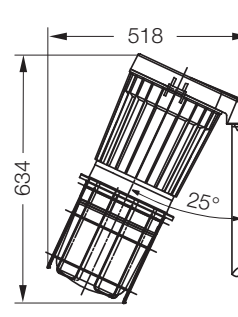
Ceiling mounting



Wall mounting



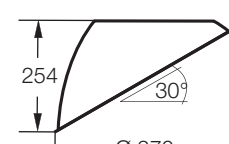
Pole mounting



External reflector RD 739 (symetric)



External reflector RA 739 (asymetric)



Dimensions in mm

Ex-Pendant Light Fittings in Metal Version



NVMV (SE) ceiling mounting

NVMV (SE) with reflector AS

NVMV (SE) wall mounting

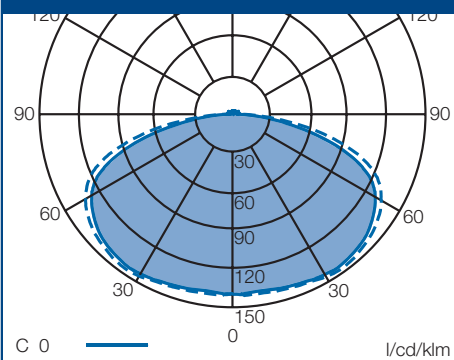
NVMV (LE) pole mounting

NVMV (LE) with wire guard

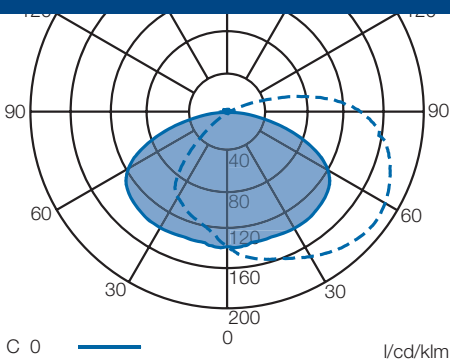
Polar curves

NVMV with small enclosure (SE)

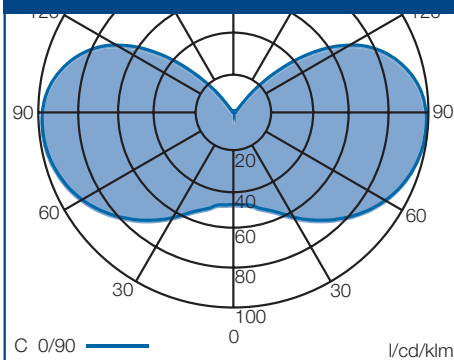
Polar curve NVMV 70 - 250 W
(with external reflector RD 70)



Polar curve NVMV 70 - 250 W
(with external reflector RA 70)

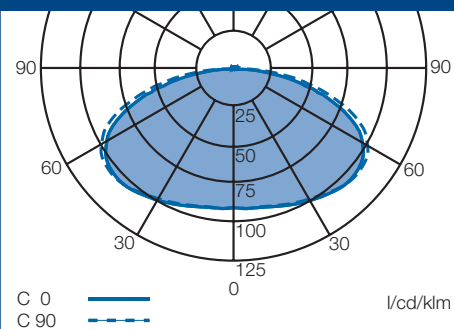


Polar curve NVMV 70 - 250 W
(without external reflector)

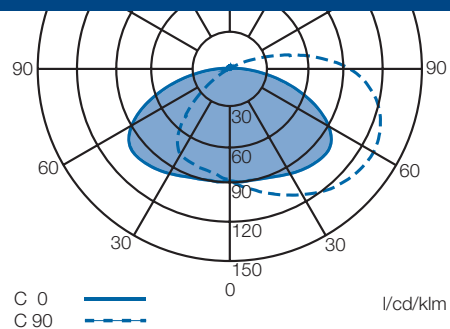


NVMV with large enclosure (LE)

Polar curve NVMV 250 - 400 W
(with external reflector RD 739)



Polar curve NVMV 250 - 400 W
(with external reflector RA 739)



Polar curve NVMV 250 - 400 W
(without external reflector)

