

LIGHTING FIXTURES FOR DISCHARGE LAMPS

Explosion Proof Electrical Equipment



Ex Lighting

EWN

Installation: hazardous areas - Zone 2 (Gases) - Zone 22 (Dusts)
Classification: Group II - Category 3G 3D

EWN



	LIGHTING FIXTURE
	ATEX 94/9/EC
EXECUTION	⊕ II 3G Ex nR IIC Gc ⊕ II 3D Ex tc IIIC T200°C Dc
AMBIENT TEMPERATURE	-40°C ÷ +60°C
PROTECTION DEGREE	IP66
CERTIFICATE REF.	IMQ 10 ATEX 032X
RULES OF COMPLIANCE	EN 60079-0:2009; EN 60079-15:2010; EN 60079-31:2009

Mechanical characteristics

Body	marine grade copper free aluminium (control gear & lamp body)
Globe	high-temperature resistant borosilicate glass
Painting	external epoxy powders grey RAL-9006 colour
Screws	external stainless steel
Gaskets	silicon rubber

Electrical characteristics

Power supply	conventional ballast 230V - 50Hz (p.f.corrected - $\cos p \geq 0,95$)
Lampholders	porcelain E27/E40 size
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4mm/sq cables

ON REQUEST ACCESSORIES:

- Ceiling mounting kit complete with stainless steel hardware
- Pendant mounting kit complete with stainless steel hardware
- Pole mounting 25" kit 1 1/2" dia. complete with stainless steel hardware
- Wall/Structure mounting kit complete with stainless steel hardware
- Galvanized steel wire protection guard
- Stainless steel wire protection guard
- White stove enamelled aluminium reflectors
- White stove enamelled aluminium reflectors inclined 30°
- Stainless steel AISI 316L reflectors
- External painting colour on request
- Control gear with voltage supply different than standard
- Threaded cable entry different than standard

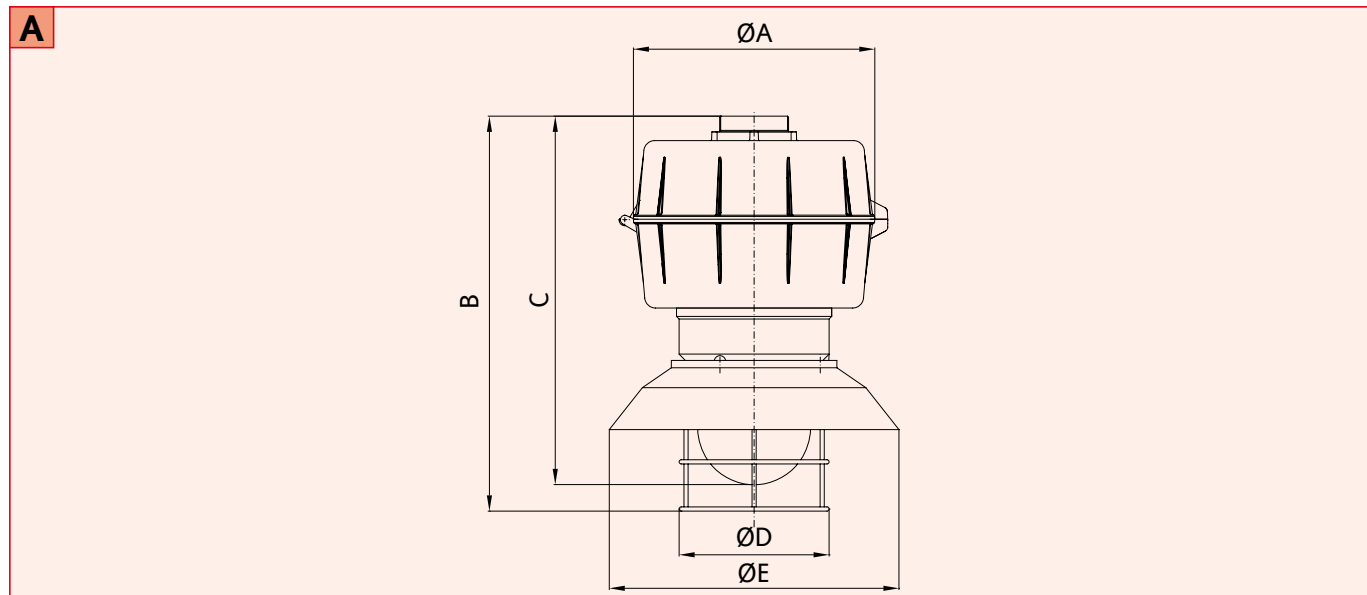
EWN Technical data

CODE	LAMP	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	LAMPHOLDER SIZE	DETAIL
LIGHTING FIXTURE FOR HIGH PRESSURE MERCURY VAPOUR LAMP - POWER SUPPLY 230V 50Hz					
EWN2-80HG	80 W	T3	T 200°C	E-27	A
EWN2-125HG	125 W	T3	T 200°C	E-27	A
EWN3-250HG	250W	T3	T 200°C	E-40	A
EWN5-400HG	400 W	T3	T 200°C	E-40	A
LIGHTING FIXTURE FOR METAL HALIDE LAMP - POWER SUPPLY 230V 50Hz					
EWN2-70MH	70 W	T3	T 200°C	E-27	A
EWN2-100MH	100 W	T3	T 200°C	E-27	A
EWN2-150MH	150 W	T3	T 200°C	E-27	A
EWN3-175MH	175 W	T3	T 200°C	E-40	A
EWN3-250MH	250 W	T3	T 200°C	E-40	A
EWN5-400MH	400 W	T3	T 200°C	E-40	A
LIGHTING FIXTURE FOR HIGH PRESSURE SODIUM LAMP - POWER SUPPLY 230V 50Hz					
EWN2-70HPNA	70 W	T3	T 200°C	E-27	A
EWN3-100HPNA	100 W	T3	T 200°C	E-27	A
EWN3-150HPNA	150 W	T3	T 200°C	E-40	A
EWN3-250HPNA	250 W	T3	T 200°C	E-40	A
EWN5-400HPNA	400 W	T3	T 200°C	E-40	A

EWN Technical features

CODE	A [mm]	B [mm]	C [mm]	Ø D [mm]	Ø E [mm]	WEIGHT [Kg]	DETAIL
EWN2	280	430	415	145	280	8,50	A
EWN3	280	510	480	190	402	9,50	A
EWN5	280	570	545	255	515	10,00	A

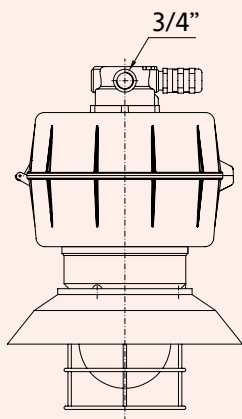
Reference details



EWN Installation and mounting details

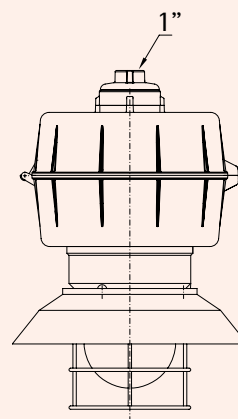
Ceiling mounting

type 1



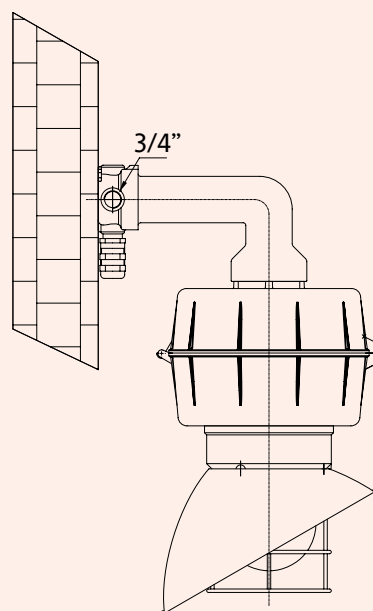
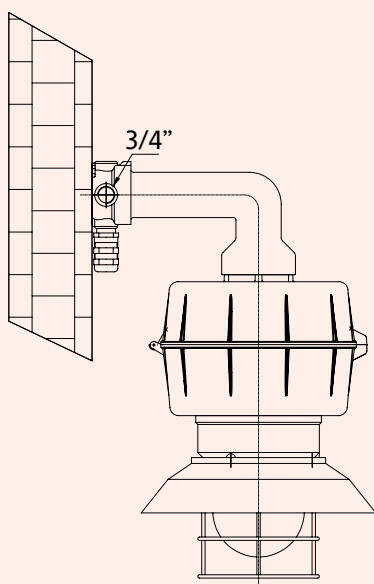
Pendant mounting

type 2



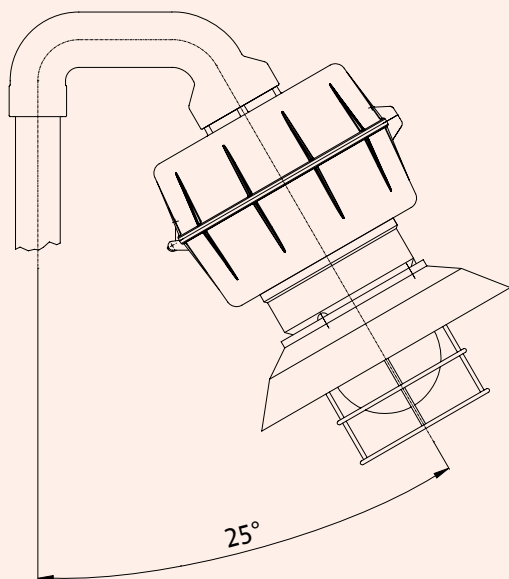
Wall/structure mounting

type 3



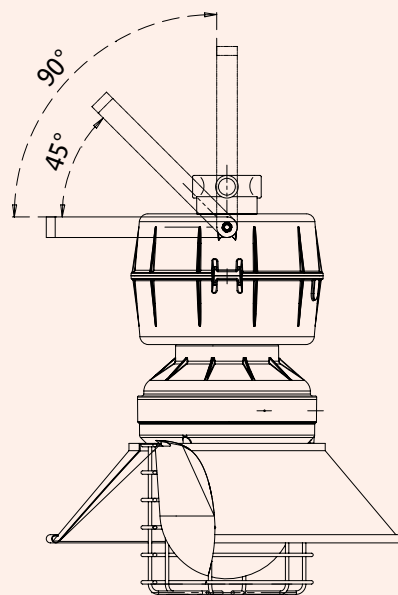
Pole mounting 25°

type 4

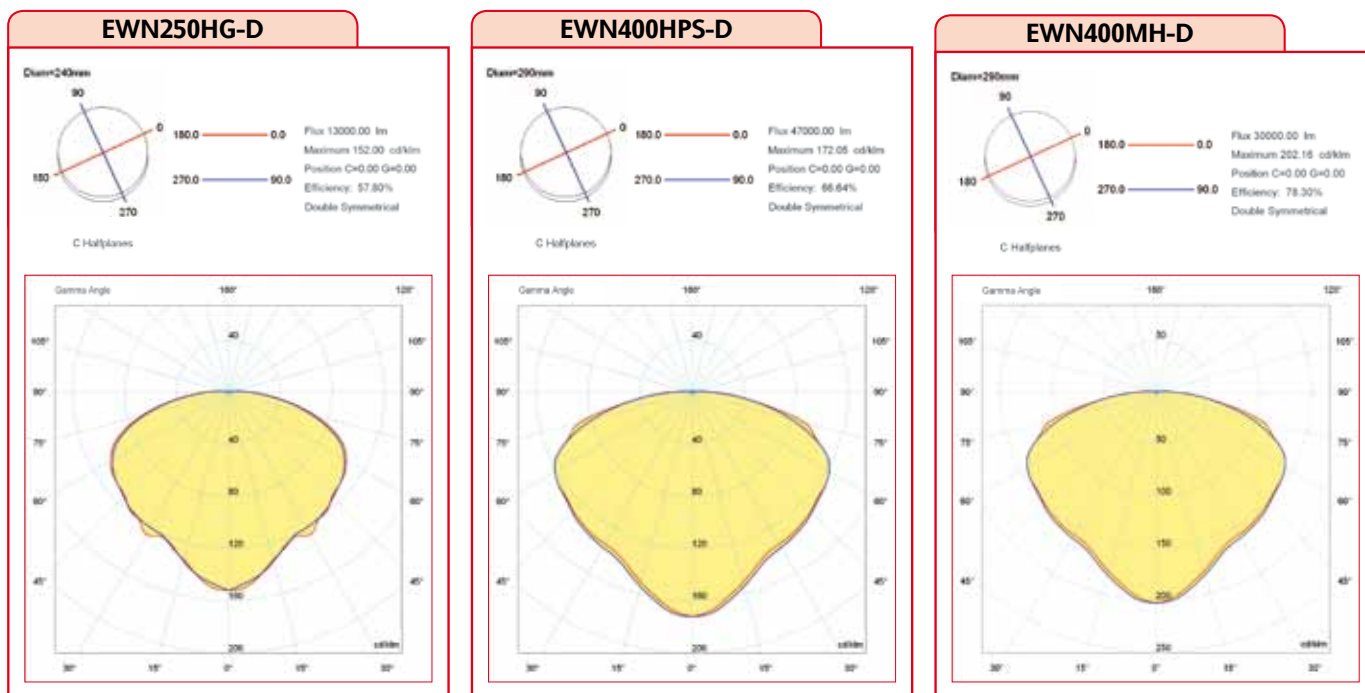


Universal mounting inst. with adjustable bracket

type 5



EWN Polar diagrams – photometric data



EWN On request accessories

CODE	DESCRIPTION	INSTALLATION	MATERIAL
20302.0070	EVAC 100 / 101 SIZE STANDARD REFLECTOR		WHITE STOVE ENAMELLED ALUM.
20302.0072	EVAC 300 / 301 SIZE STANDARD REFLECTOR		WHITE STOVE ENAMELLED ALUM.
20302.0073	EVAC 500 / 501 SIZE STANDARD REFLECTOR		WHITE STOVE ENAMELLED ALUM.
20302.0025	EVAC 100 / 101 SIZE STAINLESS STEEL REFLECTOR		STAINLESS STEEL AISI 316L
20302.0027	EVAC 300 / 301 SIZE STAINLESS STEEL REFLECTOR		STAINLESS STEEL AISI 316L
20302.0028	EVAC 500 / 501 SIZE STAINLESS STEEL REFLECTOR		STAINLESS STEEL AISI 316L
20302.0133	EVAC 100 / 101 SIZE STAINLESS STEEL REFLECTOR INCLINED 30°		WHITE STOVE ENAMELLED ALUM.
20302.0031	EVAC 300 / 301 SIZE STAINLESS STEEL REFLECTOR INCLINED 30°		WHITE STOVE ENAMELLED ALUM.
	EVAC 500 / 501 SIZE STAINLESS STEEL REFLECTOR INCLINED 30°		WHITE STOVE ENAMELLED ALUM.
20302.0074	EVAC 100 / 101 SIZE STANDARD PROTECTION GUARD		GALVANIZED STEEL
20302.0076	EVAC 300 / 301 SIZE STANDARD PROTECTION GUARD		GALVANIZED STEEL
20302.0077	EVAC 500 / 501 SIZE STANDARD PROTECTION GUARD		GALVANIZED STEEL
20302.0037	EVAC 100 / 101 SIZE STAINLESS STEEL PROTECTION GUARD		STAINLESS STEEL AISI 316L
20302.0039	EVAC 300 / 301 SIZE STAINLESS STEEL PROTECTION GUARD		STAINLESS STEEL AISI 316L
20302.0040	EVAC 500 / 501 SIZE STAINLESS STEEL PROTECTION GUARD		STAINLESS STEEL AISI 316L
20303.0108	2" DIA.SIZE POLE MONTING KIT C/W HARDWARE	TYPE 4	ALUMININIUM
20303.0107	1-1/2" DIA.SIZE POLE MONTING KIT C/W HARDWARE	TYPE 4	ALUMININIUM
20303.0106	1" DIA.SIZE POLE MONTING KIT C/W HARDWARE	TYPE 4	ALUMININIUM
20303.0104	WALL MOUNTING KIT C/W HARDWARE	TYPE 3	ALUMININIUM
20303.0103	PENDANT MOUNTING KIT C/W HARDARE AND EYE-BOLTS	TYPE 2	ALUMININIUM
20303.0102	CEILING MOUNTING KIT C/W HARDWARE	TYPE 1	ALUMININIUM
20303.0105	UNIVERSAL MOUNTING INST. WITH ADJUSTABLE BRACKET C/W HARDWARE	TYPE 5	STAINLESS STEEL AISI 316L

REMARK:

Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.