

H.I.D Lighting Fixtures EVS Series

Wet Locations
NEMA 3, 3R, 7

❖ Type of Explosion-proof
Flameproof-Increase Safety
(Ex de IIC T3 IP66)

❖ Application

EVS Series HID lighting fixture are used ;

- in Heavy process industries having environments where flammable or explosive vapors or gases, or where combustible dusts are present.
- in Hazardous areas, both indoors and outdoors where long life and low maintenance costs are desired.
- in Petroleum refineries, chemical, petrochemical and other heavy process industry facilities.
- in Paint spray booth suitability provides efficient, economical HID lighting for paint spray areas.
- in Hazardous locations requiring elevated ambient capability.
- in installations where moisture, dirt, dust, vibration, corrosion and rough usage are problems.
- where ignitable concentrations of flammable gases, vapors or liquids can exist all of the time or some of the time under normal operation conditions.

❖ Standard Materials

- Enclosure : Die casting aluminium
- Globe : Heat resistant hard glass
- Lamp socket : Porcelain with screw shell
- Reflector : Fiberglass Reinforced Polyester
- External Hardware : Stainless steel

❖ Standard Finish

- MUNSSELL No. 7.5BG 6/1.5
- If you want another color, contact us please.

❖ Technical Data

Electrical Rating	
Rated Voltage	AC110V/ 220V/ 240V (* See Below)
Rated Wattage	50W/ 70W/ 100W/ 150W/ 175W/ 200W/ 250W/ 400W
Rated Frequency	50Hz/ 60Hz
Entry Size	1/2", 3/4", 1"

※ Also you can order various voltage :
120V/ 208V/ 277V/ 460V

❖ Features

- Fixture is factory wired; power is fed through "wireless" connection block which serves as a mechanical seal between conduit and ballast compartments, eliminating the need for a field installed seal. The result is fast, easy installation, lowest installed cost, easy maintenance.
- Dome and 30°angle reflectors made of SMC material won't rust, corrode, dent, chip or peel.
- Four mounting arrangements to suit any lighting layout-pendant, ceiling, wall bracket and stanchion.
- Internal ballasts-separate ballasts are not required. High power factor (90%) ballasts reduce power costs-allow more fixtures per circuit.
- Factory sealed, porcelain with mogul or medium base socket.
- Wide range of light sources to meet specific lighting needs - High Pressure Sodium (HPS): 50, 70, 100, 150, 200, 250 and 400W, Mercury Vapour (MV): 100, 200, 250 and 400W, Metal Halide (MH): 100, 175, 250 and 400W.



< EVS >

❖ Compliance

- IEC 60079-0, 1, 7
- NEMA 3, 3R, 7

❖ Certification

- Certified by KOSHA (Korea Occupational Safety & Health Agency), KGS(Korea Gas Safety Corporation), and the others.

❖ Options

- With Dome Reflector or 30° Angle Reflector made of FRP
- With Choke or Lead Peak type Ballast.

❖ Weight

Catalog No.	Weight
EVSHL 3255	16.9 kg

⇒ If you need more information, contact us please.

❖ Ordering Number

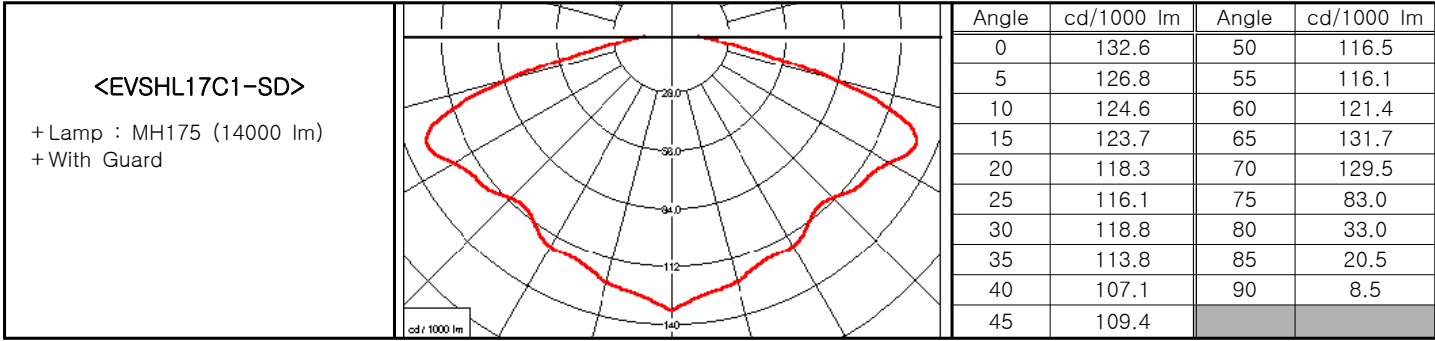
Lamp	Watt	Hub Size	Pendant	Ceiling	Bracket	Stanchion	Certification
High Pressure Sodium	50	1/2"	EVSNL 1055	EVSNL 2055	EVSNL 3055	EVSNL 4055	Ex de IIC T3
		3/4"	EVSNL 1053	EVSNL 2053	EVSNL 3053	EVSNL 4053	
	70	1/2"	EVSNL 1075	EVSNL 2075	EVSNL 3075	EVSNL 4075	
		3/4"	EVSNL 1073	EVSNL 2073	EVSNL 3073	EVSNL 4073	
	100	1/2"	EVSNL 1105	EVSNL 2105	EVSNL 3105	EVSNL 4105	
		3/4"	EVSNL 1103	EVSNL 2103	EVSNL 3103	EVSNL 4103	
	150	1/2"	EVSNL 1155	EVSNL 2155	EVSNL 3155	EVSNL 4155	
		3/4"	EVSNL 1153	EVSNL 2153	EVSNL 3153	EVSNL 4153	
	200	1/2"	EVSNL 1205	EVSNL 2205	EVSNL 3205	EVSNL 4205	
		3/4"	EVSNL 1203	EVSNL 2203	EVSNL 3203	EVSNL 4203	
	250	1/2"	EVSNL 1255	EVSNL 2255	EVSNL 3255	EVSNL 4255	
		3/4"	EVSNL 1253	EVSNL 2253	EVSNL 3253	EVSNL 4253	
400	1/2"	EVSNL 1405	EVSNL 2405	EVSNL 3405	EVSNL 4405		
	3/4"	EVSNL 1403	EVSNL 2403	EVSNL 3403	EVSNL 4403		
Metal Halide	100	1/2"	EVSHL 1105	EVSHL 2105	EVSHL 3105	EVSHL 4105	Ex de IIC T2
		3/4"	EVSHL 1103	EVSHL 2103	EVSHL 3103	EVSHL 4103	
	175	1/2"	EVSHL 1175	EVSHL 2175	EVSHL 3175	EVSHL 4175	
		3/4"	EVSHL 1173	EVSHL 2173	EVSHL 3173	EVSHL 4173	
	250	1/2"	EVSHL 1255	EVSHL 2255	EVSHL 3255	EVSHL 4255	
		3/4"	EVSHL 1253	EVSHL 2253	EVSHL 3253	EVSHL 4253	
	400	1/2"	EVSNL 1405	EVSNL 2405	EVSNL 3405	EVSNL 4405	
		3/4"	EVSNL 1403	EVSNL 2403	EVSNL 3403	EVSNL 4403	
Mercury Vapor	100	1/2"	EVSML 1105	EVSML 2105	EVSML 3105	EVSML 4105	Ex de IIC T3
		3/4"	EVSML 1103	EVSML 2103	EVSML 3103	EVSML 4103	
	200	1/2"	EVSML 1205	EVSML 2205	EVSML 3205	EVSML 4205	
		3/4"	EVSML 1203	EVSML 2203	EVSML 3203	EVSML 4203	
	250	1/2"	EVSML 1255	EVSML 2255	EVSML 3255	EVSML 4255	
		3/4"	EVSML 1253	EVSML 2253	EVSML 3253	EVSML 4253	
	400	1/2"	EVSML 1405	EVSML 2405	EVSML 3405	EVSML 4405	
		3/4"	EVSML 1403	EVSML 2403	EVSML 3403	EVSML 4403	

❖ Ordering Information

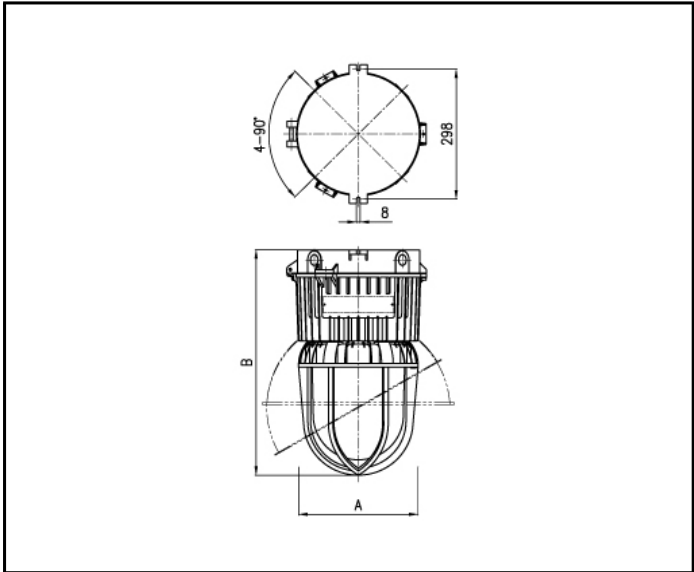
<u>EVS</u>	<u>NL</u>	<u>1</u>	<u>07</u>	<u>5</u>	<u>-</u>	<u>DR</u>
①	②	③	④	⑤		⑥

- | | | | |
|--|---|---|--|
| ① EVS Lighting Fixture | ② Lamp Type
NL – High Pressure Sodium
HL– Metal Halide
ML – Mercury Vapour | ③ Mounting Type
1 – Pendant
2 – Ceiling
3 – Bracket
4 – Stanchion | ④ Lamp Wattage (W)
05 – 50
07 – 70
10 – 100
15 – 150
17 – 175
20 – 200
25 – 250
40 – 400 |
| ⑤ Entry Size
1 – 1"
3 – 3/4"
5 – 1/2" | ⑥ Options
DR – Dome Type Reflector
AR – Angle Type Reflector | | |

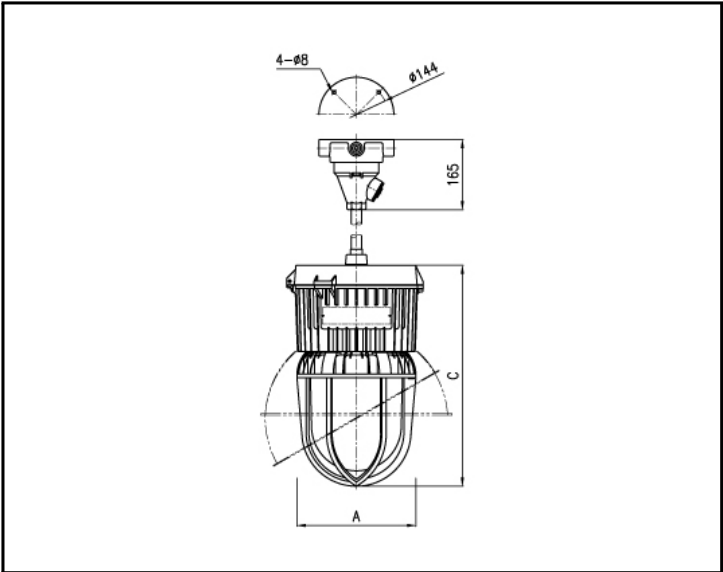
❖ Photometric Data



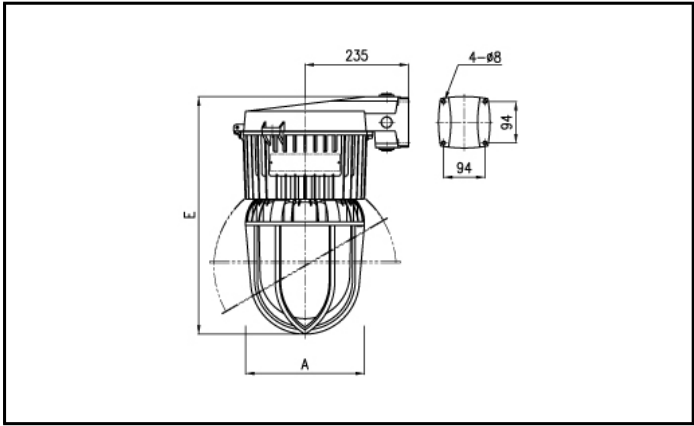
❖ Dimension



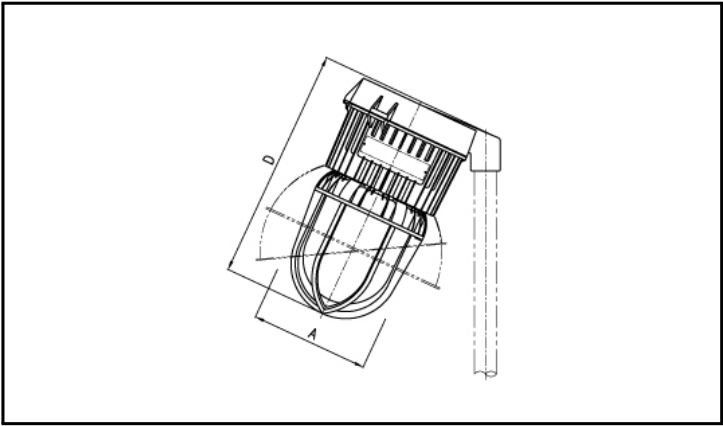
< EVS Ceiling Type >



< EVS Pendant Type >



< EVS Bracket Type >



< EVS Stanchion Type >

	A	B	C	D	E
100W	Ø255	455	445	470	480
250W	Ø270	520	510	535	545
400W	Ø270	565	555	580	590