

# WEATHERPROOF FLUORESCENT LIGHTING FIXTURES

Explosion Proof Electrical Equipment



Weatherproof Lighting

EVSA

**Installation:** Safe Area  
**Insulation Class:** I

**EVSA**



|                     | LIGHTING FIXTURE              |
|---------------------|-------------------------------|
|                     | CEI / EN                      |
| EXECUTION           | INDUSTRIAL WEATHERPROOF       |
| AMBIENT TEMPERATURE | -                             |
| PROTECTION DEGREE   | IP65                          |
| CERTIFICATE REF.    | -                             |
| RULES OF COMPLIANCE | EN 60598-1 + A1; EN 60598-2-1 |

## Mechanical characteristics

|                    |                                                                                        |
|--------------------|----------------------------------------------------------------------------------------|
| Body               | glass fibre reinforced polyester resin                                                 |
| Diffuser           | U/V resistant polycarbonate - hinged to body                                           |
| Safety closing     | stainless steel hooks                                                                  |
| Gaskets            | EPDM 60 rubber suitable for high temperatures and resistant to environments conditions |
| Internal reflector | white stove enamelled sheet steel                                                      |
| Cable entry        | complete with PVC cable gland                                                          |

## Electrical characteristics

|              |                                                                       |
|--------------|-----------------------------------------------------------------------|
| Power supply | dual channel electronic ballast 110÷260V AC/DC 50/60Hz (cos ρ ≥ 0,98) |
| Lampholders  | bi-pin G13 cap                                                        |
| Terminals    | suitable up to 6mm/sq cables                                          |

### ON REQUEST ACCESSORIES:

- Pole mounting kit complete with stainless steel hardware
- Ceiling mounting kit complete with stainless steel hardware
- Pendant mounting kit complete with stainless steel hardware
- Wall/Structure mounting kit complete with stainless steel hardware
- Electronic ballast with voltage supply different than standard
- Emergency Group

## EVSA Technical data

| CODE | LAMP | TEMPERATURE CLASS (GAS) | TEMPERATURE CLASS (DUSTS) | LAMPHOLDER | CABLE ENTRY WITH CABLE GLAND | EMERGENCY UNIT | AUTONOMY | DETAIL |
|------|------|-------------------------|---------------------------|------------|------------------------------|----------------|----------|--------|
|------|------|-------------------------|---------------------------|------------|------------------------------|----------------|----------|--------|

### FLUORESCENT LIGHTING FIXTURES FOR SINGLE AND TWIN LAMPS - POWER SUPPLY 110V / 260V - 50/60Hz

|           |         |   |   |     |             |   |   |   |
|-----------|---------|---|---|-----|-------------|---|---|---|
| EVSA118EL | 1 x 18W | - | - | G13 | 1 x PG 13,5 | - | - | A |
| EVSA136EL | 1 x 36W | - | - | G13 | 1 x PG 13,5 | - | - | A |
| EVSA158EL | 1 x 58W | - | - | G13 | 1 x PG 13,5 | - | - | A |
| EVSA218EL | 2 x 18W | - | - | G13 | 1 x PG 13,5 | - | - | A |
| EVSA236EL | 2 x 36W | - | - | G13 | 1 x PG 13,5 | - | - | A |
| EVSA258EL | 2 x 58W | - | - | G13 | 1 x PG 13,5 | - | - | A |

### EMERGENCY FLUORESCENT LIGHTING FIXTURES FOR SINGLE AND TWIN LAMPS - POWER SUPPLY 110V / 260V - 50/60Hz

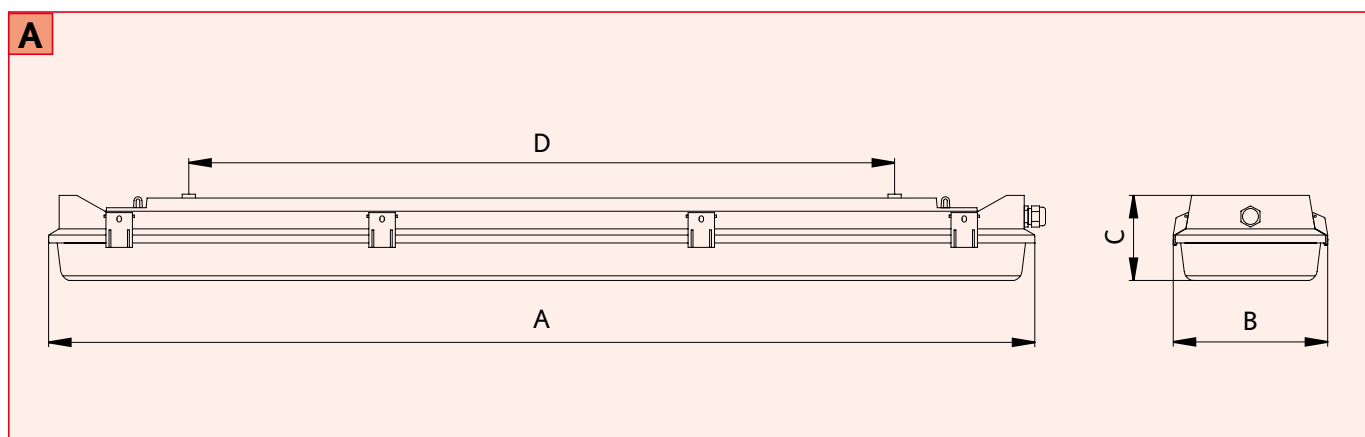
|             |         |   |   |     |             |            |    |   |
|-------------|---------|---|---|-----|-------------|------------|----|---|
| EVSA118EL-E | 1 x 18W | - | - | G13 | 1 x PG 13,5 | 4,8V - 4Ah | 3h | A |
| EVSA136EL-E | 1 x 36W | - | - | G13 | 1 x PG 13,5 | 4,8V - 4Ah | 3h | A |
| EVSA158EL-E | 1 x 58W | - | - | G13 | 1 x PG 13,5 | 4,8V - 4Ah | 3h | A |
| EVSA218EL-E | 2 x 18W | - | - | G13 | 1 x PG 13,5 | 4,8V - 4Ah | 3h | A |
| EVSA236EL-E | 2 x 36W | - | - | G13 | 1 x PG 13,5 | 4,8V - 4Ah | 3h | A |
| EVSA258EL-E | 2 x 58W | - | - | G13 | 1 x PG 13,5 | 4,8V - 4Ah | 3h | A |

## EVSA Technical features

| CODE      | A [mm] | B [mm] | C [mm] | D [mm] | WEIGHT [Kg] | CABLE ENTRY | DETAIL |
|-----------|--------|--------|--------|--------|-------------|-------------|--------|
| EVSA118EL | 667    | 90     | 98     | 420    | 1,75        | 1 x PG 13,5 | A      |
| EVSA136EL | 1276   | 90     | 98     | 775    | 2,45        | 1 x PG 13,5 | A      |
| EVSA158EL | 1576   | 90     | 98     | 1070   | 3,10        | 1 x PG 13,5 | A      |
| EVSA218EL | 667    | 155    | 102    | 455    | 2,10        | 1 x PG 13,5 | A      |
| EVSA236EL | 1276   | 155    | 102    | 770    | 3,90        | 1 x PG 13,5 | A      |
| EVSA258EL | 1576   | 155    | 102    | 1055   | 5,20        | 1 x PG 13,5 | A      |

| CODE        | A [mm] | B [mm] | C [mm] | D [mm] | WEIGHT [Kg] | CABLE ENTRY | DETAIL |
|-------------|--------|--------|--------|--------|-------------|-------------|--------|
| EVSA118EL-E | 667    | 90     | 98     | 420    | 2,30        | 1 x PG 13,5 | A      |
| EVSA136EL-E | 1276   | 90     | 98     | 775    | 3,00        | 1 x PG 13,5 | A      |
| EVSA158EL-E | 1576   | 90     | 98     | 1070   | 3,60        | 1 x PG 13,5 | A      |
| EVSA218EL-E | 667    | 155    | 102    | 455    | 2,60        | 1 x PG 13,5 | A      |
| EVSA236EL-E | 1276   | 155    | 102    | 770    | 4,40        | 1 x PG 13,5 | A      |
| EVSA258EL-E | 1576   | 155    | 102    | 1055   | 5,70        | 1 x PG 13,5 | A      |

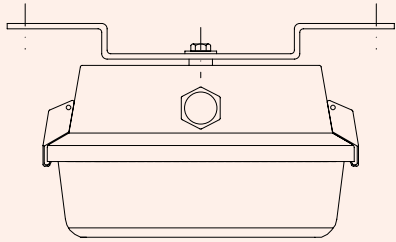
### Reference details



# EVSA Installation and mounting details

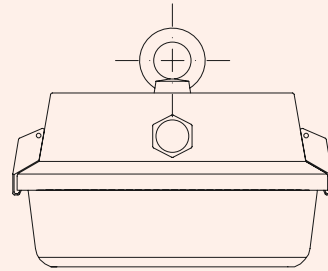
## Ceiling mounting

### type 1



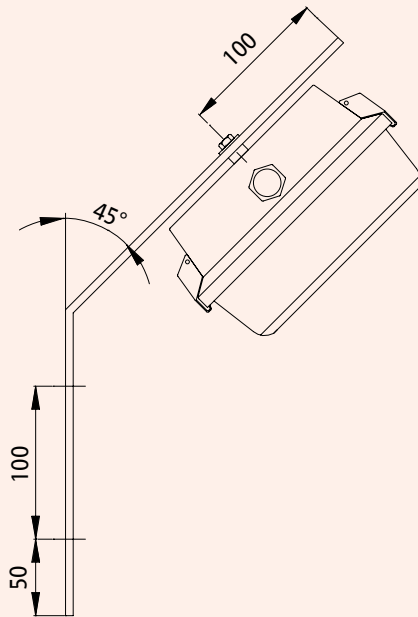
## Pendant mounting

### type 2



## Wall/structure mounting

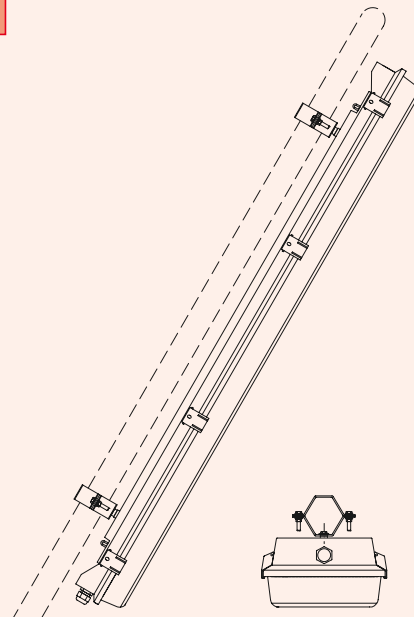
### type 3



## Pole mounting

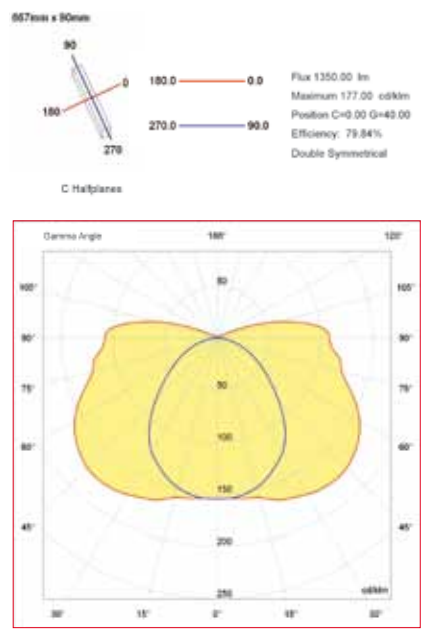
### Assemblig detail with pole (typical)

### type 4

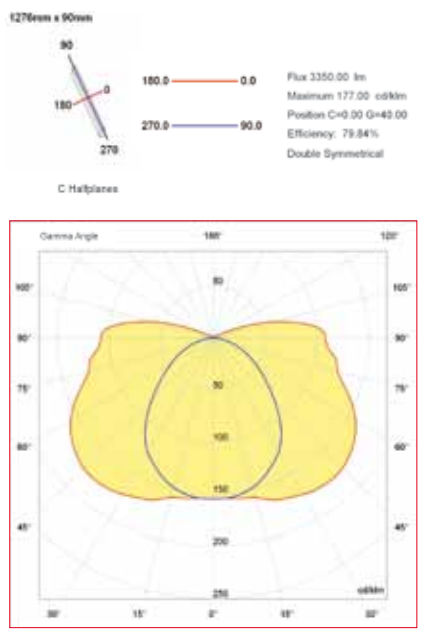


## EVSA Polar diagrams – photometric data

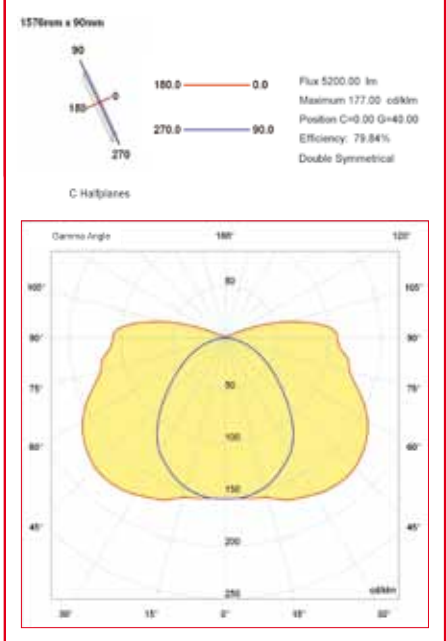
### EVSA118



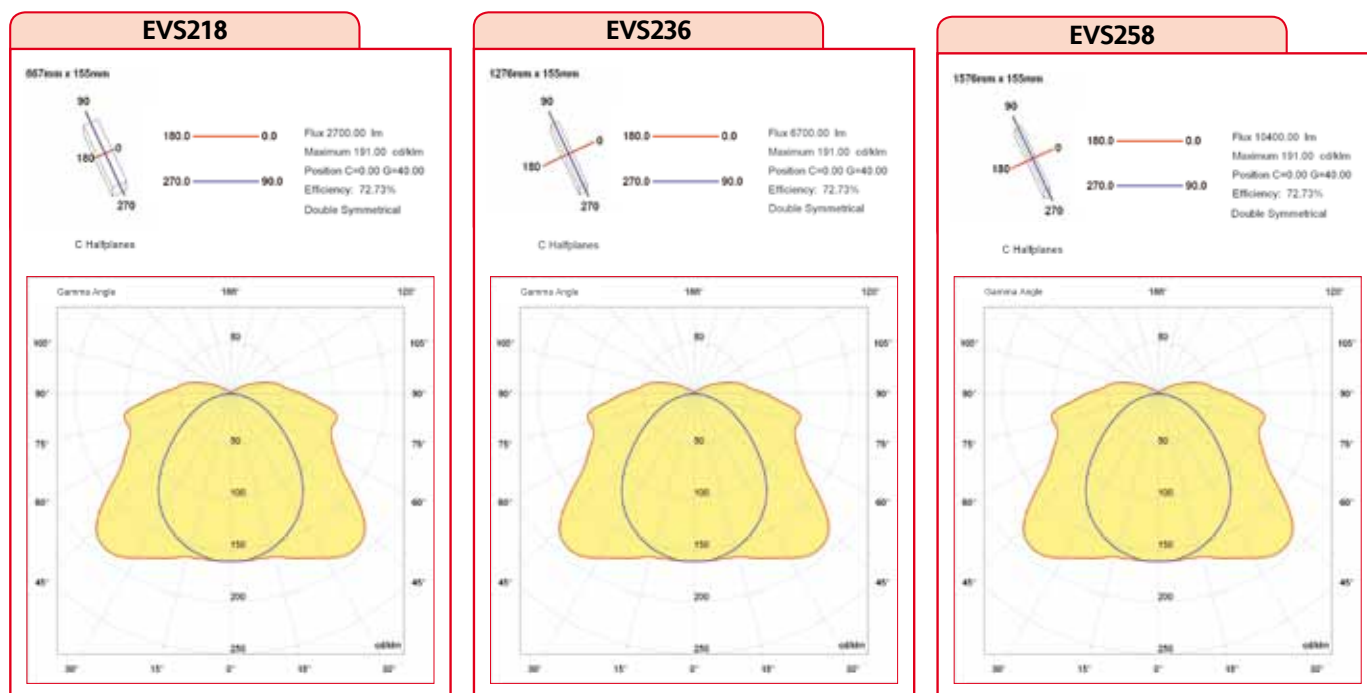
### EVSA136



### EVSA158



## EVSA Polar diagrams – photometric data



## EVSA On request accessories

| CODE       | DESCRIPTION                                       | INSTALLATION | MATERIAL         |
|------------|---------------------------------------------------|--------------|------------------|
| 20302.0122 | POLE MOUNTING KIT (SIZE 1 1/2" DIA.) C/W HARDWARE | TYPE 4       | GALVANIZED STEEL |
| 20302.0123 | POLE MOUNTING KIT (SIZE 2" DIA.) C/W HARDWARE     | TYPE 4       | GALVANIZED STEEL |
| 20302.0125 | POLE MOUNTING KIT (SIZE 1" DIA.) C/W HARDWARE     | TYPE 4       | GALVANIZED STEEL |
| 20301.0165 | PENDANT MOUNTING KIT C/W HARDWARE AND EYE-BOLTS   | TYPE 2       | STAINLESS STEEL  |
| 20303.0091 | CEILING MOUNTING KIT C/W HARDWARE                 | TYPE 1       | GALVANIZED STEEL |
| 20303.0095 | WALL/STRUCTURE MOUNTING KIT C/W HARDWARE          | TYPE 3       | GALVANIZED STEEL |

### 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.