

70 to 250 W - 230/240 V - 50 Hz floodlights

Zones 21 and 22 - dust environment



0950 42

Floodlights for zones 21 and 22

- Power supply: 220/230 V ($\pm 10\%$) 50 Hz compensated
- power factor ≥ 0.9
- Painted aluminium alloy housing
- Lamp glass sealed on hinged frame
- Anodised aluminium internal reflector
- E40 lampholder (except 70 W sodium HP: E27) for oval lamps or tubular lamps
- Operate in any position
- 2 vibration resistant connection terminals : capacity 2 x 6 mm²
- 2 earth terminals capacity 6 mm²
- 2 x M20 tapped entries for through wiring

Standard with lamp glass sealed on frame

- Supplied with 1 x M20 plug

| Permissible lamps (not supplied) | Weight (Kg) | Volume (dm ³) | Cat. No. | Pack |
|----------------------------------|-------------|---------------------------|----------------|------|
| 250W Mercury (1) | 12.9 | 62.5 | 0950 44 | 1 |
| 70W Sodium HP | 12.1 | 62.5 | 0950 33 | 1 |
| 150W Sodium HP | 12.9 | 62.5 | 0950 36 | 1 |
| 250W Sodium HP | 14.3 | 62.5 | 0950 42 | 1 |
| 150W Metal halide | 12.9 | 62.5 | 0950 37 | 1 |
| 250W Metal halide | 14.3 | 62.5 | 0950 46 | 1 |

(1) Oval lamp only

With external polycarbonate weatherproof protection

| Permissible lamps (not supplied) | Weight (Kg) | Volume (dm ³) | Cat. No. | Pack |
|----------------------------------|-------------|---------------------------|----------------|------|
| 250W Mercury (1) | 14 | 62.5 | 0950 95 | 1 |
| 70W Sodium HP | 13.2 | 62.5 | 0950 88 | 1 |
| 150W Sodium HP | 14 | 62.5 | 0950 97 | 1 |
| 250W Sodium HP | 15.4 | 62.5 | 0950 98 | 1 |
| 150W Metal halide | 14 | 62.5 | 0950 94 | 1 |
| 250W Metal halide | 15.4 | 62.5 | 0950 96 | 1 |

(1) Oval lamp only

For special options, please consult us:

- Other voltages
- 80 W and 125 W mercury
- 400 W Mercury, Sodium HP, Iodides

Cable gland (see pages 254/257/258/259 and 288)

| Zones 21 & 22 | ATEX | EC | II 2 D |
|-----------------|------|--------------|--------|
| T = 70 to 136°C | IP66 | IK07 or IK08 | |

TECHNICAL DATA

Zones : • 21 - 22

Classification :

- According to CENELEC:
- Conforming to ATEX Directive - 94/9 EC
- EC 0081 II 2 D T = (*)°C

| Operating position | Surface temperature for Ta = + 40°C | |
|--------------------|-------------------------------------|--------------------------|
| | Lamp glass | Polycarbonate lamp glass |
| 70W sodium | 75°C | 65°C |
| 150W sodium | 101°C | 91°C |
| 250W sodium | 127°C | 117°C |
| 250W halide | 123°C | 113°C |
| 250W mercury | 136°C | 131°C |

For applications requiring "lighting facing up", please consult us

Certification :

- Approved type PJP
- CENELEC LCIE 02 ATEX 6246
- **CE** declaration of conformity No. 50251
- Conforming to standard EN 60598-1 for luminaires
- Conforming to standard EN 50281-1-1 "combustible dust"
- Conforming to the electromagnetic compatibility standard (EMC) - EN 55015

Protection index :

- IP66 according to EN 60529
- IK07 mechanical resistance according to EN 50102 (with lamp glass)
- IK08 mechanical resistance according to EN 50102 (with polycarbonate)

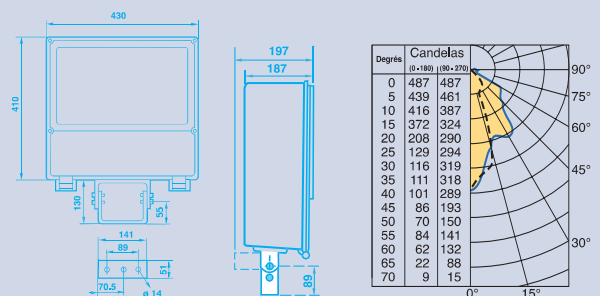
Operating temperature :

- 20°C to + 40°C

Anticorrosion treatment and climate protection : see page G50

Dimensions (mm) :

photometric curve :



Product features/customer benefits

- quick access to the lamp: very quick maintenance
- separate compartments for wiring accessories: reliability, long service life
- version with polycarbonate protection: robust design, compliance with food industry regulations (sugar silos, etc)

Data sheet available on request