



**Installation:** hazardous areas - Zone 2 (Gases) - Zone 22 (Dusts)

**Classification:** Group II - Category 3G 3D



**REFERENCE STANDARDS**

**Directive 2014/34/EU**

|                                 |  |
|---------------------------------|--|
| EXECUTION                       | ⊗ II 3 G Ex ec IIC T3 Gc<br>⊗ II 3 D Ex tc IIIB T120°C Dc                    |
| RULES OF COMPLIANCE             | EN/IEC 60079-0; EN/IEC 60079-7;<br>EN/IEC 60079-31                           |
| EC Type-Examination Certificate | INERIS 19 ATEX 3010X   |
| PROTECTION DEGREE               | IP66 (in accordance to IEC 60529)  |
| AMBIENT TEMPERATURE             | -40°C ÷ +60°C  |
| OTHER AVAILABLE CERTIFICATES    | IECEX: IECEX INE 19.0034X<br>EAC: TC RU C-IT.ГБ08.B.01343<br>(-40°C ÷ +60°C) |

**Mechanical characteristics**

|             |  |
|-------------|--|
| Body        | marine grade copper free aluminium                         |
| Diffuser    | tempered front glass 4mm                                   |
| Support     | adjustable type 2mm thick shaped steel                     |
| Painting    | external thermosetting polyester powder<br>RAL-7039 colour |
| Screws      | external stainless steel                                   |
| Gaskets     | silicon rubber   |
| Cable entry | Dia. 20.5mm  |

**Electrical characteristics**

|                 |  |
|-----------------|--|
| Power supply    | 220÷240Vac electronic driver 50/60 Hz - input surge protection and over temperature protection                 |
| Lampholders     | Samsung COB D-Gen3 - CRI>80 CCT 4000K<br>Lifetime: 58.000 hours L80 B10 @ta 25,<br>50.000 hours L70 B50 @tamax |
| Internal wiring | high-temperature resistant silicon rubber insulation cables  |
| Terminals       | suitable up to 4 sq/mm cables  |
| Optic           | SM = without lens, maximum efficiency  |



**On Request Accessories:**

- External painting colour on request
- Frosted diffuser glass
- CCT 3000/5700/6500 K
- DALI dimmable driver
- GORE® protective vents system

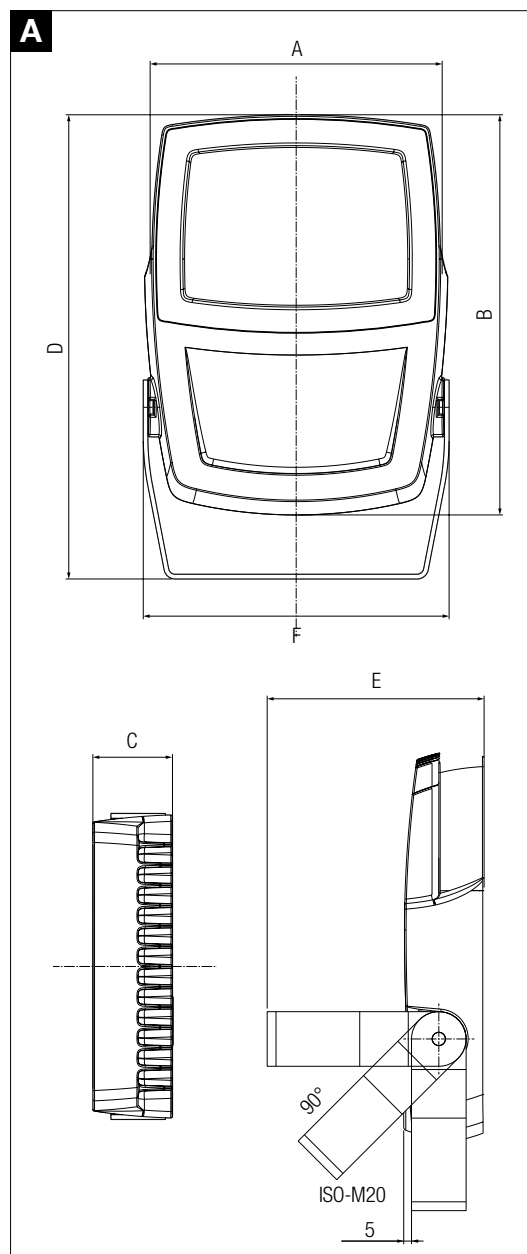
| CODE  | POWER LAMP | WIRING | TEMPERATURE CLASS (GAS) | TEMPERATURE CLASS (DUSTS) | OUTPUT TYPICAL (lm) | OUTPUT NET (lm) | CABLE ENTRY SIZE | DETAIL |
|---|------------|--------|-------------------------|---------------------------|---------------------|-----------------|------------------|--------|
| <b>FLOODLIGHTS FOR LED LAMP - POWER SUPPLY 220±240V 50/60Hz</b> |            |        |                         |                           |                     |                 |                  |        |
| SFLJ-1300B  | 17,5 W     | 1 LED  | T3 (Ta +60°C)           | T120°C                    | 3040                | 2705            | 1 X ISO-M20      | A      |
| SFLJ-1380B  | 24,5 W     |        |                         |                           | 4000                | 3560            |                  |        |
| SFLJ-1440B  | 32 W       |        |                         |                           | 5000                | 4450            |                  |        |

OPTIC BEAM: OB=SM - WITHOUT LENS

**Technical features**

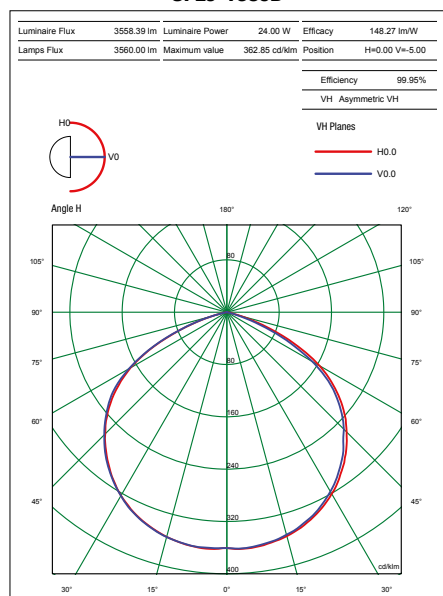
| CODE       | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | WEIGHT [Kg] | CABLE ENTRY | DETAIL |
|------------|--------|--------|--------|--------|--------|--------|-------------|-------------|--------|
| SFLJ-1300B | 187    | 256    | 51     | 297    | 139    | 196    | 2,79        | 1 X ISO-M20 | A      |
| SFLJ-1380B | 187    | 256    | 51     | 297    | 139    | 196    | 2,81        | 1 X ISO-M20 | A      |
| SFLJ-1440B | 187    | 256    | 51     | 297    | 139    | 196    | 2,83        | 1 X ISO-M20 | A      |

**Reference details**



**SFLJ LED Installation and mounting details**

**SFLJ-1380B**



**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.