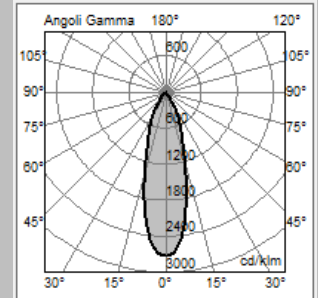
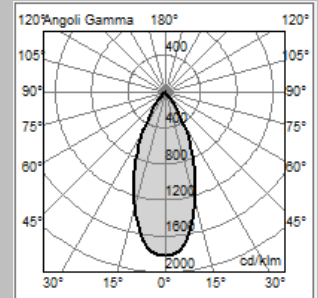


| MOD 2.0 SPOT | |
|--|--|
| MAIN CHARACTERISTICS | |
| Applications | Urban and architectural lighting. |
| Optic | SP10 / SP20: Symmetrical spot optic for floodlighting. Colour temperature: 5000K (4000K optional) CRI ≥ 70 LED source efficiency: 166 lm/W @ 1300mA, Tj=85°C, 5000K |
| Insulation class | II, I |
| Protection degree | IP66 IK08 total |
| Dimensions | See the drawing |
| Weight | max 6,5kg |
| Exposed surface | Side max 0.025m ² Top max 0.021m ² |
| Mounting | Mounting on Tower pole 250x100mm with adjustable integrated bracket. |
| Tilt Angle | 0° / +100° vertical plane ±160° horizontal plane |
| LED Modules | Removable / Replaceable optical unit |
| Gear tray | Removable |
| Operating temp. | -40°C / +50°C |
| Storage temperature | -40°C / +80°C |
| Main reference standards | EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3 |
| | |
| ELECTRICAL CHARACTERISTICS | |
| Rated voltage | 220±240V 50/60Hz) |
| Power factor | >0,95 (at full load) |
| Mains connection | Cable H07RN-F nx1.5mm ² Optional: connector M/F IP66/68 for cables max. 2,5mm ² , Ømax. 12mm |
| Surge protection | Up to 10kV With SPD (optional) 10kV / 10kV CM/DM |
| SPD (optional) | 10kV-10kA, type 2+3, with LED signal and thermo fuse to disconnect load at the end of life. |
| Control system (options) | F: Fixed power not dimmable. DA: Automatic dimming (virtual midnight) with default profile. DAC: Custom DA profile. FLC: Constant light flux. WL: Wireless single point communication system. DALI: Digital dimming interface DALI. NEMA: Socket 7 pin (ANSI C136.41). |
| Optical unit lifetime (Tq=25°C) | ≥70.000hr L90B10 ≥100.000hr L80B10 |
| MATERIALS | |
| Fixing | Aluminium. Powder painted. |
| Heat-sink | Aluminium. Powder painted. |
| Optic | 99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268) |
| Screen | Flat tempered glass, 5 mm thickness high transparency. |
| Cable gland | Metallic M16x1.5 - IP68 |
| Gasket | Polyurethane - NBR |
| Colour | Graphite - Cod. 01 |



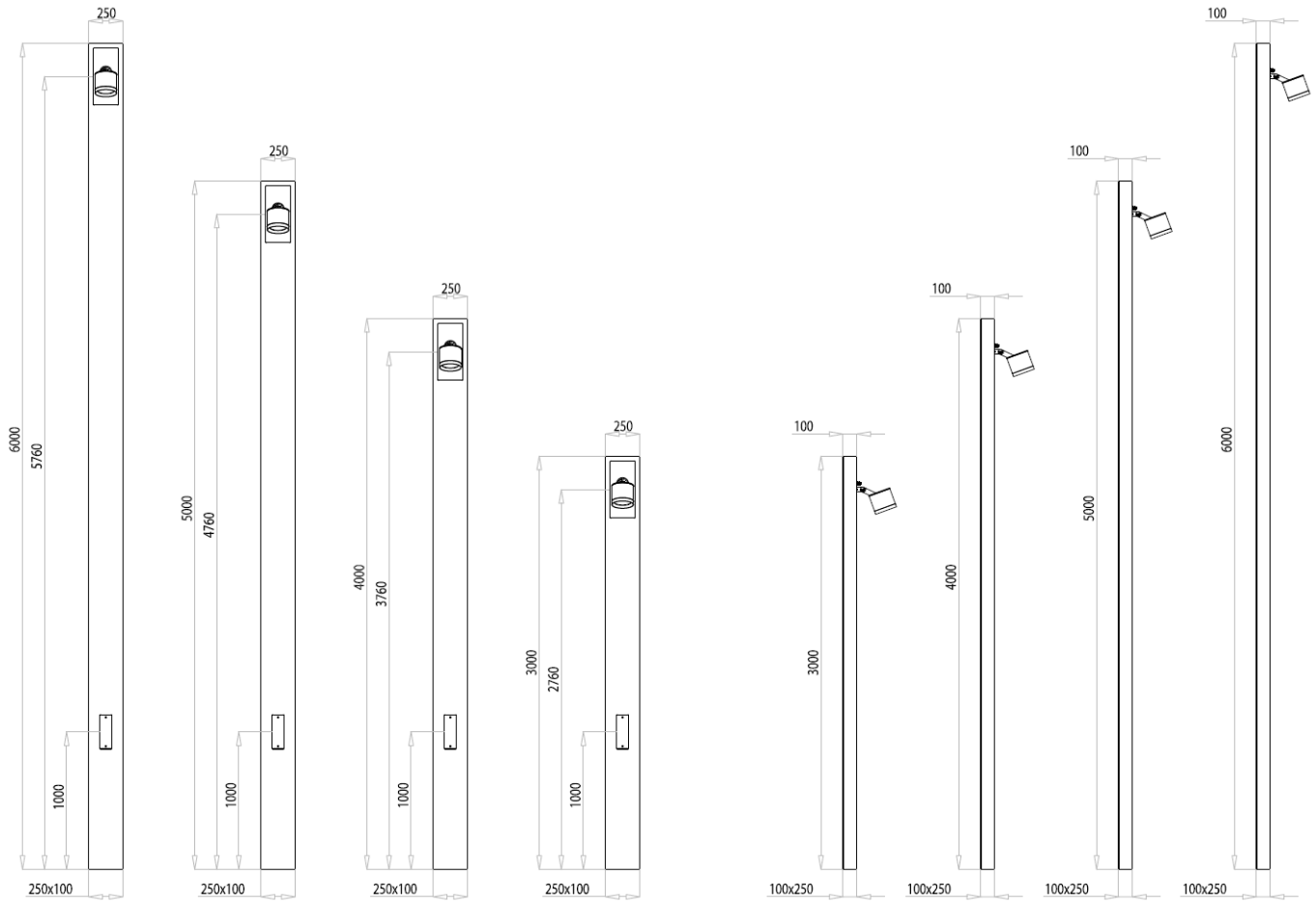
SP10 Optic



SP20 Optic

All the published photometrical data has been obtained according to applicable international standards







| LUMINAIRE | OPTIC | LED CURRENT (mA) | RATED LUMINAIRE FLUX (Tq=25°C, 5000K, lm) | RATED LUMINAIRE POWER (Tq=25°C, Vin=230Vac, F/DA/DAC, W) | LUMINAIRE EFFICACY (Tq=25°C, lm/W) |
|---------------------------|--------------|---------------------|--|--|---------------------------------------|
| MOD 2.0 SPOT 0S1 5.5-1M | SP10 SP20 | 525 | 4950 | 32 | 154 |
| MOD 2.0 SPOT 0S1 5.100-1M | SP10 SP20 | 1000 | 8000 | 58 | 137 |

**RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±5%.
The characteristics of the product listed above are subjected to change without notice.*



| LUMINAIRE | OPTIC | LED CURRENT (mA) | RATED LUMINAIRE FLUX (Tq=25°C, 4000K, lm) | RATED LUMINAIRE POWER (Tq=25°C, Vin=230Vac, F/DA/DAC, W) | LUMINAIRE EFFICACY (Tq=25°C, lm/W) |
|---------------------------|--------------|---------------------|--|--|---------------------------------------|
| MOD 2.0 SPOT 0S1 4.5-1M | SP10 SP20 | 525 | 4950 | 32 | 154 |
| MOD 2.0 SPOT 0S1 4.100-1M | SP10 SP20 | 1000 | 8000 | 58 | 137 |

**RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±5%.
The characteristics of the product listed above are subjected to change without notice.*