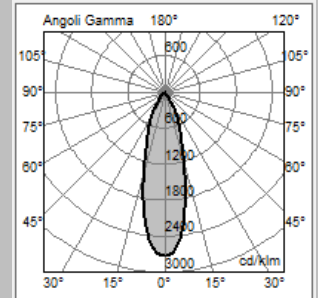
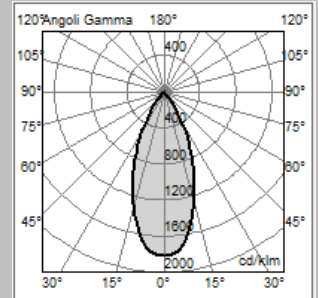


MOD 2.0 SPOT	
MAIN CHARACTERISTICS	
<b>Applications</b>	Urban and architectural lighting.
<b>Optic</b>	SP10 / SP20: Symmetrical spot optic for floodlighting. Colour temperature: 5000K (4000K optional)   CRI ≥ 70 LED source efficiency: 166 lm/W @ 1300mA, Tj=85°C, 5000K
<b>Insulation class</b>	II, I
<b>Protection degree</b>	IP66   IK08 total
<b>Dimensions</b>	See the drawing
<b>Weight</b>	max 6,5 kg
<b>Exposed surface</b>	Side max 0.025 m <sup>2</sup>   Top max 0.021 m <sup>2</sup>
<b>Mounting</b>	Mounting on Tower pole 250x100mm with adjustable integrated bracket.
<b>Tilt Angle</b>	0° / +100° vertical plane   ±160° horizontal plane
<b>LED Modules</b>	Removable / Replaceable optical unit
<b>Gear tray</b>	Removable
<b>Operating temp.</b>	-40°C / +50°C
<b>Storage temperature</b>	-40°C / +80°C
<b>Main reference standards</b>	EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
ELECTRICAL CHARACTERISTICS	
<b>Rated voltage</b>	220±240V 50/60Hz)
<b>Power factor</b>	>0,95 (at full load)
<b>Mains connection</b>	Cable H07RN-F nx1.5mm <sup>2</sup> Optional: connector M/F IP66/68 for cables max. 2,5mm <sup>2</sup> , Ø max. 12mm
<b>Surge protection</b>	Up to 10kV   With SPD (optional) 10kV / 10kV CM/DM
<b>SPD (optional)</b>	10kV-10kA, type 2+3, with LED signal and thermo fuse to disconnect load at the end of life.
<b>Control system (options)</b>	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).
<b>Optical unit lifetime (Tq=25°C)</b>	≥70.000hr L90B10 ≥100.000hr L80B10
MATERIALS	
<b>Fixing</b>	Aluminium. Powder painted.
<b>Heat-sink</b>	Aluminium. Powder painted.
<b>Optic</b>	99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)
<b>Screen</b>	Flat tempered glass, 5 mm thickness high transparency.
<b>Cable gland</b>	Metallic M16x1.5 - IP68
<b>Gasket</b>	Polyurethane - NBR
<b>Colour</b>	Graphite - Cod. 01



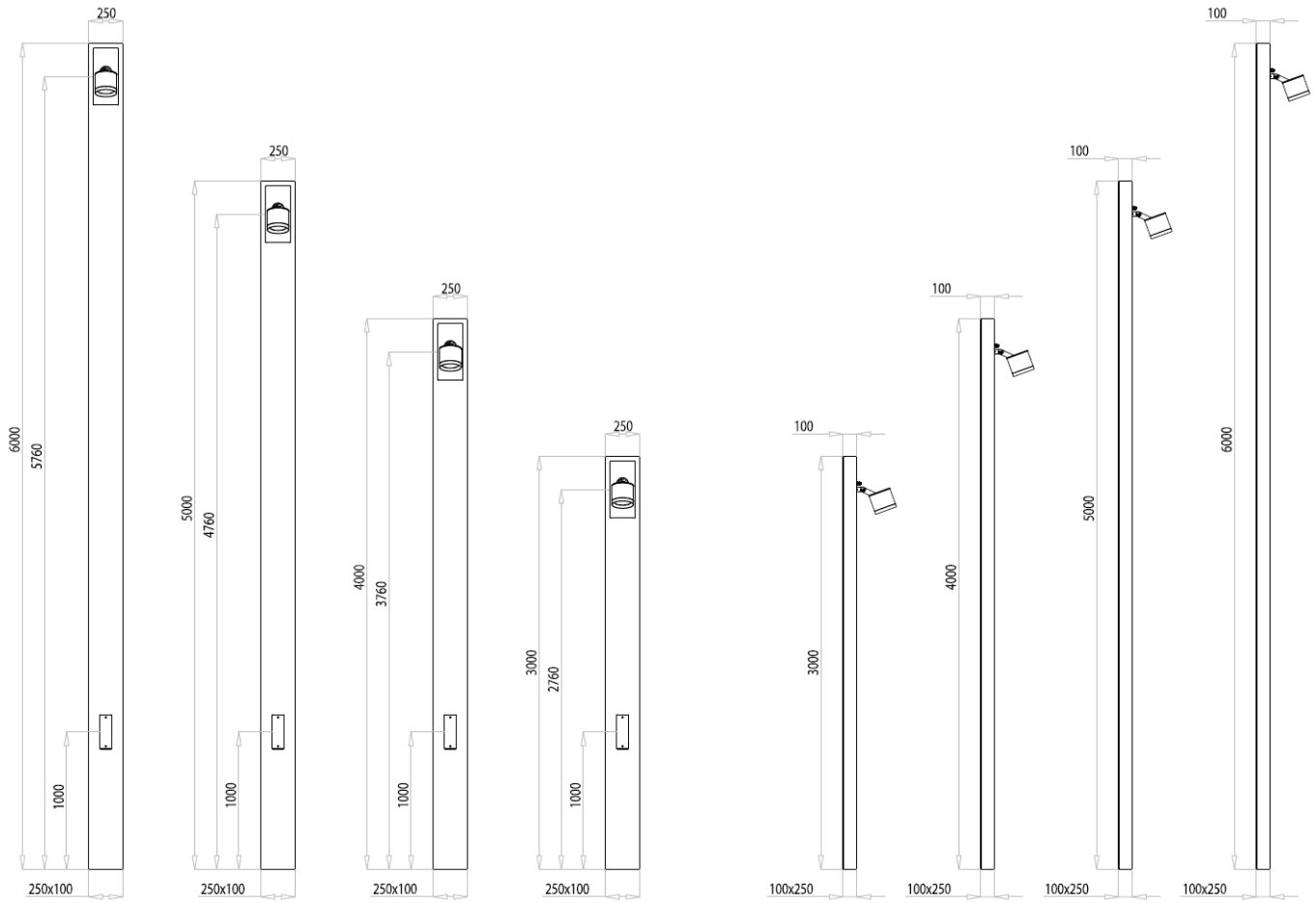
SP10 Optic



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.  
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