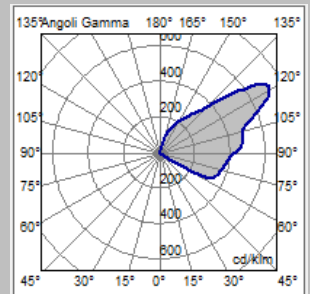
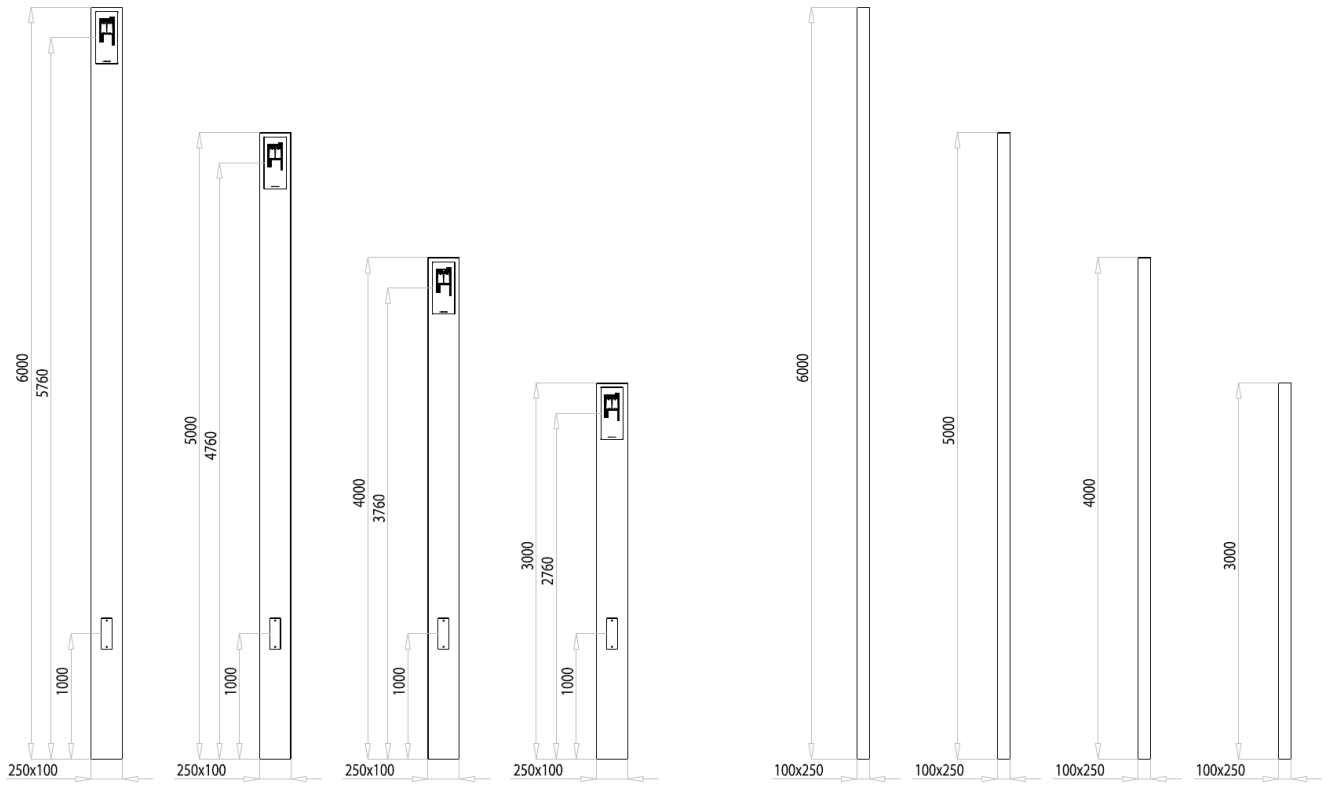


<b>MOD 2.0 TOWER</b>	
<b>MAIN CHARACTERISTICS</b>	
<b>Applications</b>	Urban and architectural lighting.
<b>Optic</b>	S05: Asymmetrical optic for street, urban and green areas lighting. ASC: Asymmetrical optics for floodlighting. Colour temperature: 4000K (3000K optional)   CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 168 lm/W @ 525mA, Tj=85°C, 4000K
<b>Insulation class</b>	II, I
<b>Protection degree</b>	IP66   IK08 total
<b>Dimensions</b>	See drawing
<b>Weight</b>	Optical module 3,5 kg
<b>Mounting</b>	Buried L500 (3m – 4m – 5m)   Buried L800 (6m) Fixing with plate. (optional)
<b>LED Modules</b>	Removable / Replaceable
<b>Gear tray</b>	Removable.
<b>Operating temp.</b>	-40°C / +50°C
<b>Storage temp.</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
<b>ELECTRICAL CHARACTERISTICS</b>	
<b>Rated voltage</b>	220±240V 50/60Hz
<b>Power factor</b>	>0,95 (at full load - F, DA, DAC)
<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.
<b>Optical unit lifetime (Tq=25°C, 700mA)</b>	>100.000hr L90B10 >100.000hr L90, TM-21
<b>MATERIALS</b>	
<b>Heat-sink</b>	Die-cast aluminium UNI EN1706 powder painted.
<b>Optic</b>	99.85% aluminium with a surface finish in 99.95% with vacuum-sealed deposition. Aluminium grade class A+ (DIN EN 16268)
<b>Column profile</b>	Extruded aluminium. Powder painted.
<b>Screen</b>	Flat tempered glass, 5mm thickness high transparency.
<b>Cable gland</b>	Plastic M20x1.5 - IP68
<b>Gasket</b>	Polyurethane
<b>Colour</b>	Graphite - Cod. 01



ASC-4W 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, 4000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 4000K, lm)	RATED LED POWER* (Tj=85°C, W)
MOD 2.0 TOWER 0F2H1 4.3-1M SAT	S05	350	1050	11	95	1520	8
MOD 2.0 TOWER 0F2H1 4.5-1M SAT	S05	525	1520	16	95	2184	13
MOD 2.0 TOWER 0F6 4.5-1M	ASC-4W	525	5160	39	132	5901	34
MOD 2.0 TOWER 0F6 4.5-1M	ASC-5W	525	5050	39	129	5901	34
MOD 2.0 TOWER 0F6 4.5-1M	ASC-6W	525	5020	39	128	5901	34
MOD 2.0 TOWER 0F6 4.5-1M	ASC-7W	525	4820	39	123	5901	34

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance:  $\pm 7\%$ . Power tolerance:  $\pm 5\%$ .

The characteristics of the product listed above are subjected to change without notice.



LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 3000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 3000K, lm)	RATED LED POWER* (Tj=85°C, W)
MOD 2.0 TOWER 0F2H1 3.3-1M SAT	S05	350	920	11	83	1386	8
MOD 2.0 TOWER 0F2H1 3.5-1M SAT	S05	525	1340	16	83	1990	13
MOD 2.0 TOWER 0F6 3.5-1M	ASC-4W	525	4540	39	116	5403	34
MOD 2.0 TOWER 0F6 3.5-1M	ASC-5W	525	4440	39	113	5403	34
MOD 2.0 TOWER 0F6 3.5-1M	ASC-6W	525	4420	39	113	5403	34
MOD 2.0 TOWER 0F6 3.5-1M	ASC-7W	525	4240	39	108	5403	34

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance:  $\pm 7\%$ . Power tolerance:  $\pm 5\%$ .

The characteristics of the product listed above are subjected to change without notice.