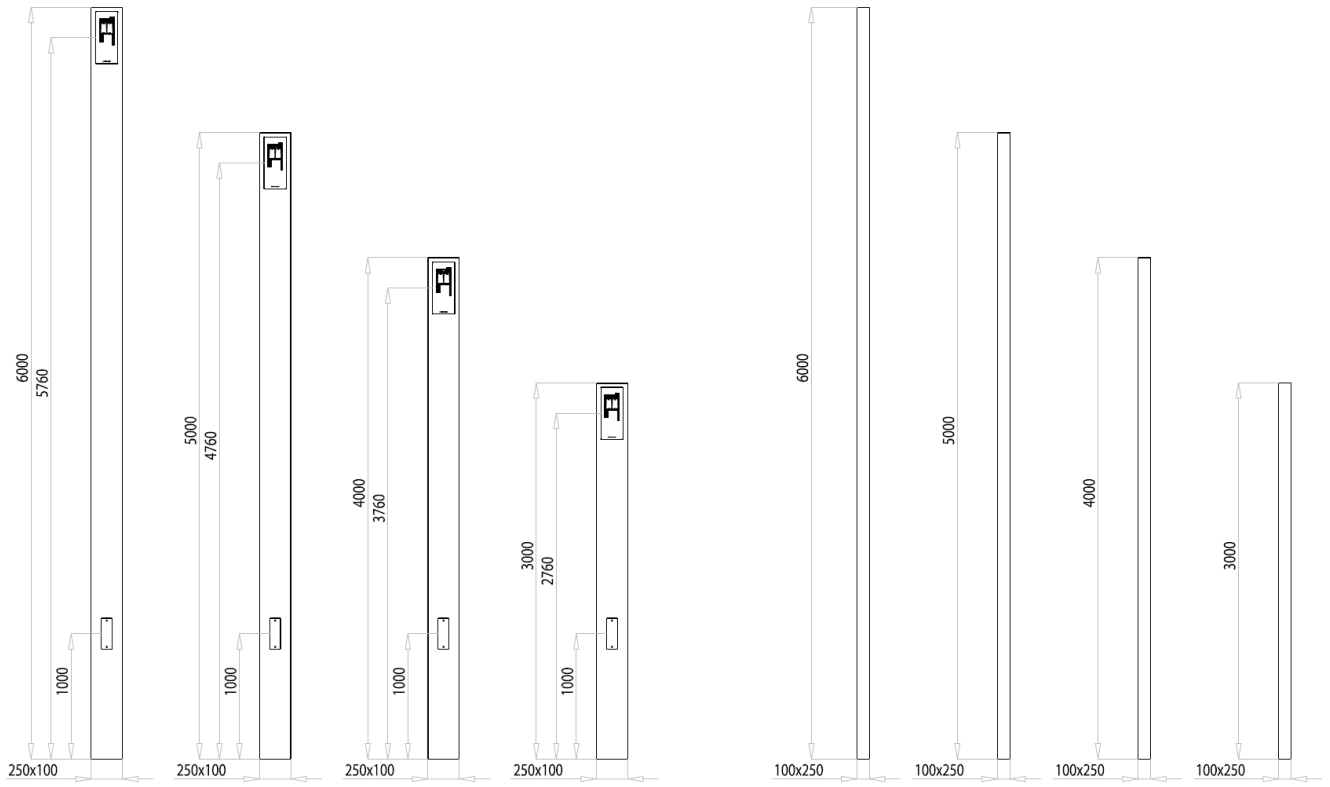


MOD 2.0 TOWER	
MAIN CHARACTERISTICS	
Applications	Urban and architectural lighting.
Optic	S05: Asymmetrical optic for street, urban and green areas lighting. ASC: Asymmetrical optics for floodlighting. Colour temperature: 4000K (3000K optional) CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 168 lm/W @ 525mA, Tj=85°C, 4000K
Insulation class	II, I
Protection degree	IP66 IK08 total
Dimensions	See drawing
Weight	Optical module 3,5 kg
Mounting	Buried L500 (3m – 4m – 5m) Buried L800 (6m) Fixing with plate. (optional)
LED Modules	Removable / Replaceable
Gear tray	Removable.
Operating temp.	-40°C / +50°C
Storage temp.	-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 - F, DA, DAC)
Mains connection	Cable H07RN-F nx1.5mm ² Optional: connector M/F IP66/68 for cables max. 2,5mm ² , Ø max. 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.
Optical unit lifetime (Tq=25°C, 700mA)	>100.000hr L90B10 >100.000hr L90, TM-21
MATERIALS	
Heat-sink	Die-cast aluminium UNI EN1706 powder painted.
Optic	99.85% aluminium with a surface finish in 99.95% with vacuum-sealed deposition. Aluminium grade class A+ (DIN EN 16268)
Column profile	Extruded aluminium. Powder painted.
Screen	Flat tempered glass, 5mm thickness high transparency.
Cable gland	Plastic M20x1.5 - IP68
Gasket	Polyurethane
Colour	Graphite - Cod. 01





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	5180	39	132	5901	34
MOD 2.0 TOWER 0F6 4.5-1M	ASC-5W	525	5090	39	130	5901	34
MOD 2.0 TOWER 0F6 4.5-1M	ASC-6W	525	5010	39	128	5901	34
MOD 2.0 TOWER 0F6 4.5-1M	ASC-7W	525	4920	39	126	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	4820	39	123	5403	34
MOD 2.0 TOWER 0F6 3.5-1M	ASC-5W	525	4730	39	121	5403	34
MOD 2.0 TOWER 0F6 3.5-1M	ASC-6W	525	4660	39	119	5403	34
MOD 2.0 TOWER 0F6 3.5-1M	ASC-7W	525	4570	39	117	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.