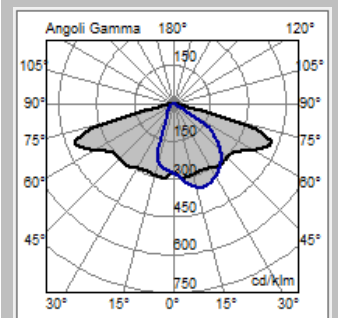
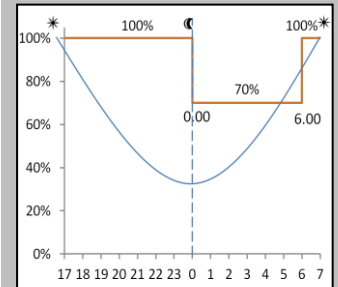


KIT RELAMPING 5

MAIN CHARACTERISTICS

Applications	Street lighting.
Optic	<p>STE-M/S: Asymmetrical optic for suburban street lighting. STU-M/S: Asymmetrical optic for street, urban and cycle-path lighting. STW: Asymmetrical optic for wide urban and suburban road lighting, specific for wet asphalts. SV: Asymmetrical optic for narrow urban streets or highway entrance/exit turns. S05: Asymmetrical optic for street, urban and green areas lighting. OP-DX/SX: Asymmetrical optic for crosswalks lighting. Colour temperature: 4000K (3000K optional) CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 168 lm/W @ 525mA, Tj=85°C, 4000K</p>
Insulation class	II, I
Mounting	Application on: ARMONIA MINI - ARMODUE MINI - DELOS 1 - LL32
LED modules	Removable
Gear tray	Removable
Operating temperature	-40°C / +35°C
Main reference standards	EN 62031, EN 62778, EN 62717, EN 61347-1, EN 61374-2-13, EN 62384, EN 61547
ELECTRICAL CHARACTERISTICS	
Rated voltage	220÷240V 50/60Hz
Power factor	>0,9 (at full load)
Mains connection	Connectors for cables max sections 2,5mm ²
Surge protection	Up to 10kV With SPD (optional) 10kV / 10kV CM/DM
SPD (optional)	10kV-10kA, type II, with LED signal and thermo fuse to disconnect load at the end of life.
Control system (options)	<p>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.</p>
Optical unit lifetime (Tq=25°C, 700mA)	<p>>100.000hr L90B10 >100.000hr L90, TM-21</p>
MATERIALS	
Heat-sink	Extruded aluminium
Optic	99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)

DA Profile



STU-M Optic

All the published photometrical data has been obtained according to EN 13032-1





LUMINAIRE	OPTIC	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)
KIT RELAMPING 5 0F2H1 4.5-1M	S05 STU-M	1840	16	115	2184	13
KIT RELAMPING 5 0F2H1 4.5-2M	STU-S SV	3620	30.5	118	4368	26
KIT RELAMPING 5 0F2H1 4.7-1M	S05 STU-M	2370	21.5	110	2765	18
KIT RELAMPING 5 0F2H1 4.7-2M	STU-S SV	4630	40	115	5530	36
KIT RELAMPING 5 0F3 4.5-1M	STE-M STE-S	2560	21.5	119	2950	17
KIT RELAMPING 5 0F3 4.5-2M	STW	5060	39	129	5900	34
KIT RELAMPING 5 0F3 4.7-1M	STE-M STE-S	3200	28	114	3735	24
KIT RELAMPING 5 0F3 4.7-2M	STW	6400	52	123	7470	48
KIT RELAMPING 5 0F6 4.5-1M	OP-DX OP-SX	5060	39	129	5900	34
KIT RELAMPING 5 0F6 4.7-1M	OP-DX OP-SX	6400	52	123	7470	48

*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: ±7%. Power tolerance: ±5%.

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



LUMINAIRE	OPTIC	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)
KIT RELAMPING 5 0F2H1 3.5-1M	S05 STU-M	1720	16	107	1990	13
KIT RELAMPING 5 0F2H1 3.5-2M	STU-S SV	3360	30.5	110	3980	26
KIT RELAMPING 5 0F2H1 3.7-1M	S05 STU-M	2210	21.5	102	2520	18
KIT RELAMPING 5 0F2H1 3.7-2M	STU-S SV	4300	40	107	5040	36
KIT RELAMPING 5 0F3 3.5-1M	STE-M STE-S	2380	21.5	110	2701	17
KIT RELAMPING 5 0F3 3.5-2M	STW	4700	39	120	5402	34
KIT RELAMPING 5 0F3 3.7-1M	STE-M STE-S	2980	28	106	3420	24
KIT RELAMPING 5 0F3 3.7-2M	STW	5950	52	114	6840	48
KIT RELAMPING 5 0F6 3.5-1M	OP-DX OP-SX	4700	39	120	5402	34
KIT RELAMPING 5 0F6 3.5-1M	OP-DX OP-SX	5950	52	114	6840	48

*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: ±7%. Power tolerance: ±5%.
The characteristics of the product listed above are subjected to change without notice.