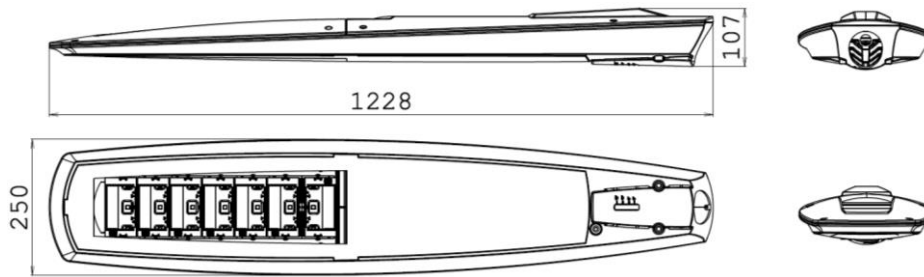


STYLO

Product sheet



STYLO

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 very narrow urban streets or highway entrance/exit turns. S05: Asymmetrical optic for street, urban and green areas lighting. STA/STA1: Asymmetrical optic for long interdistance and wide roads, V and P class. Colour temperature: 4000K (3000K optional) CRI ≥ 70 LOR= 100%, DLOR= 100%, ULOR= 0% Photobiological safety class: EXEMPT GROUP LED source efficiency: 168 lm/W @ 525mA, Tj=85°C, 4000K</p>
Diffusive screen	Diffusive screen effect (optional – available max 6 modules with glass / PC screen)
Insulation class	II, I
Protection degree	IP66 IK08 with polycarbonate screen, IK07 with glass screen.
LED Modules	Removable / Replaceable
Tilt Angle	Bracket: 0°/-5°/-10°/-15°
Dimensions	See the drawing
Weight	max 11,5 kg
Exposed surface	Side: 0.09m ² – Top: 0.25m ² SCx: 0.043m ² – SCy: 0.18m ²
Mounting	On brackets with two accessories: Ø42-65mm Spigot entry 100mm.
Gear tray	Removable plate.
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

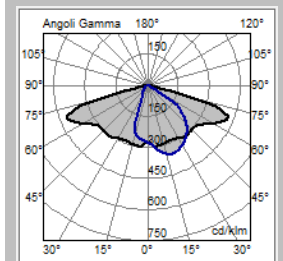
Rated voltage	220÷240V 50/60Hz
Power factor	>0,95 (at full load F, DA, DAC)
On-load switch	Optional, with integrated cable clamp.
Mains connection	For cable max section 4mm ²
Surge protection	Up to 10kV With SPD (optional) 10kV / 10kV CM/DM
SPD (optional)	10kV-10kA, type II, with LED signal and thermo 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. DB: Dual Power with control wire. WL: Wireless single point communication system. DALI: Digital dimming interface DALI. NEMA: Socket 7 pin (ANSI C136.41). ZHAGA: Socket 4 pin (ZHAGA Book 18).</p>
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Optical unit lifetime (Tq=25°C, 700mA)	<p>>100.000hr L90B10 >100.000hr L90, TM-21</p>
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MATERIALS

Fixing	
Canopy	Die-cast aluminium UNI EN1706 powder painted.
Body	
Optic	99.85% aluminium with a surface finish in 99.95% with vacuum-sealed deposition. Alluminum grade class A+ (DIN EN 16268)
Screen	Flat tempered glass 5mm thickness high transparency Polycarbonate, UV resistant. (optional)
Cable gland	Plastic M20x1,5 – IP68 Plastic M25x1.5 – IP68 (optional)
Gasket	Polyurethane
Colour	Graphite - Cod. 01



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)
STYLO VP 0F2H1 4.3-1M	S05 STU-M STU-S SV	1300	11	118	1520	9
STYLO VP 0F2H1 4.3-2M		2580	21	122	3040	18
STYLO VP 0F2H1 4.3-3M		3870	30	129	4560	27
STYLO VP 0F2H1 4.3-4M		5040	38	132	6080	36
STYLO VP 0F2H1 4.3-5M		6580	49	134	7600	45
STYLO VP 0F2H1 4.3-6M		7800	57	136	9120	54
STYLO VP 0F2H1 4.7-7M		8990	66	136	10640	63
STYLO VP 0F2H1 4.5-1M	S05 STU-M STU-S SV	1880	16	117	2184	13
STYLO VP 0F2H1 4.5-2M		3690	30.5	120	4368	26
STYLO VP 0F2H1 4.5-3M		5530	44	125	6552	39
STYLO VP 0F2H1 4.5-4M		7150	57	125	8736	52
STYLO VP 0F2H1 4.5-5M		9430	72	130	10920	65
STYLO VP 0F2H1 4.5-6M		11110	85	130	13104	78
STYLO VP 0F2H1 4.5-7M		12920	99	130	15288	91
STYLO VP 0F2H1 4.7-1M	S05 STU-M STU-S SV	2420	21.5	112	2765	18
STYLO VP 0F2H1 4.7-2M		4720	40	118	5530	36
STYLO VP 0F2H1 4.7-3M		7030	58	121	8295	54
STYLO VP 0F2H1 4.7-4M		8990	76	118	11060	72
STYLO VP 0F2H1 4.7-5M		11890	95	125	13825	90
STYLO VP 0F2H1 4.7-6M		14070	114	123	16590	108
STYLO VP 0F2H1 4.7-7M		16290	132	123	19355	126



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)
STYLO VP 0F3 4.3-1M	STE-M STE-S STW	1830	15.5	118	2054	12
STYLO VP 0F3 4.3-2M		3620	27	134	4108	24
STYLO VP 0F3 4.3-3M		5290	39	135	6162	36
STYLO VP 0F3 4.3-4M		7020	52	135	8216	48
STYLO VP 0F3 4.3-5M		9000	65	138	10270	60
STYLO VP 0F3 4.3-6M		10630	75	141	12324	72
STYLO VP 0F3 4.3-7M		12280	87	141	14378	84
STYLO VP 0F3 4.5-1M	STE-M STE-S STW	2610	21.5	121	2950	17
STYLO VP 0F3 4.5-2M		5160	39	132	5900	34
STYLO VP 0F3 4.5-3M		7490	57	131	8850	51
STYLO VP 0F3 4.5-4M		9950	76	130	11800	68
STYLO VP 0F3 4.5-5M		12720	95	133	14750	85
STYLO VP 0F3 4.5-6M		15170	112	135	17700	102
STYLO VP 0F3 4.5-7M		17590	131	134	20650	119
STYLO VP 0F3 4.7-1M	STE-M STE-S STW	3270	28	116	3735	24
STYLO VP 0F3 4.7-2M		6530	52	125	7470	48
STYLO VP 0F3 4.7-3M		9420	76	123	11205	72
STYLO VP 0F3 4.7-4M		12550	102	123	14940	96
STYLO VP 0F3 4.7-5M		15950	127	125	18675	120
STYLO VP 0F3 4.7-6M		19040	150	126	22410	144



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)
STYLO VP 0F2 4.3-1M	STA STA1	1140	9.5	120	1369	8
STYLO VP 0F2 4.3-2M		2260	18.5	122	2738	16
STYLO VP 0F2 4.3-3M		3390	26.5	127	4107	24
STYLO VP 0F2 4.3-4M		4330	34.5	125	5476	32
STYLO VP 0F2 4.3-5M		5780	43.5	132	6845	40
STYLO VP 0F2 4.3-6M		6840	52	131	8214	48
STYLO VP 0F2 4.3-7M		7950	60	132	9583	56
STYLO VP 0F2 4.5-1M	STA STA1	1650	14	117	1967	12
STYLO VP 0F2 4.5-2M		3230	27	119	3934	24
STYLO VP 0F2 4.5-3M		4850	39	124	5901	36
STYLO VP 0F2 4.5-4M		6140	51	120	7868	48
STYLO VP 0F2 4.5-5M		8280	64	129	9835	60
STYLO VP 0F2 4.5-6M		9730	76	128	11802	72
STYLO VP 0F2 4.5-7M		11310	88	128	13769	84
STYLO VP 0F2 4.7-1M	STA STA1	2120	19.5	108	2490	16
STYLO VP 0F2 4.7-2M		4130	36	114	4980	32
STYLO VP 0F2 4.7-3M		6160	51.5	119	7470	48
STYLO VP 0F2 4.7-4M		7720	67.5	114	9960	64
STYLO VP 0F2 4.7-5M		10440	85	122	12450	80
STYLO VP 0F2 4.7-6M		12330	101	122	14940	96
STYLO VP 0F2 4.7-7M		14270	117	121	17430	112

*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%.

Power tolerance with ZHAGA version or power supply D4i/SR: ±10%.

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

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)
STYLO VP 0F2H1 3.3-1M	S05 STU-M STU-S SV	1210	11	110	1386	9
STYLO VP 0F2H1 3.3-2M		2400	21	114	2772	18
STYLO VP 0F2H1 3.3-3M		3600	30	120	4158	27
STYLO VP 0F2H1 3.3-4M		4690	38	123	5544	36
STYLO VP 0F2H1 3.3-5M		6120	49	124	6930	45
STYLO VP 0F2H1 3.3-6M		7250	57	127	8316	54
STYLO VP 0F2H1 3.7-7M		8360	66	126	9702	63
STYLO VP 0F2H1 3.5-1M	S05 STU-M STU-S SV	1750	16	109	1990	13
STYLO VP 0F2H1 3.5-2M		3430	30.5	112	3980	26
STYLO VP 0F2H1 3.5-3M		5140	44	116	5970	39
STYLO VP 0F2H1 3.5-4M		6650	57	116	7960	52
STYLO VP 0F2H1 3.5-5M		8770	72	121	9950	65
STYLO VP 0F2H1 3.5-6M		10330	85	121	11940	78
STYLO VP 0F2H1 3.5-7M		12020	99	121	13930	91
STYLO VP 0F2H1 3.7-1M	S05 STU-M STU-S SV	2250	21.5	104	2520	18
STYLO VP 0F2H1 3.7-2M		4390	40	109	5040	36
STYLO VP 0F2H1 3.7-3M		6540	58	112	7560	54
STYLO VP 0F2H1 3.7-4M		8360	76	110	10080	72
STYLO VP 0F2H1 3.7-5M		11060	95	116	12600	90
STYLO VP 0F2H1 3.7-6M		13090	114	114	15120	108
STYLO VP 0F2H1 3.7-7M		15150	132	114	17640	126



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)
STYLO VP 0F3 3.3-1M	STE-M STE-S STW	1700	15	113	1881	12
STYLO VP 0F3 3.3-2M		3370	27	124	3762	24
STYLO VP 0F3 3.3-3M		4920	39	126	5643	36
STYLO VP 0F3 3.3-4M		6530	52	125	7524	48
STYLO VP 0F3 3.3-5M		8370	65	128	9405	60
STYLO VP 0F3 3.3-6M		9890	75	131	11286	72
STYLO VP 0F3 3.3-7M		11420	87	131	13167	84
STYLO VP 0F3 3.5-1M	STE-M STE-S STW	2430	21.5	113	2701	17
STYLO VP 0F3 3.5-2M		4800	39	123	5402	34
STYLO VP 0F3 3.5-3M		6970	57	122	8103	51
STYLO VP 0F3 3.5-4M		9250	76	121	10804	68
STYLO VP 0F3 3.5-5M		11830	95	124	13505	85
STYLO VP 0F3 3.5-6M		14110	112	125	16206	102
STYLO VP 0F3 3.5-7M		16360	131	124	18907	119
STYLO VP 0F3 3.7-1M	STE-M STE-S STW	3040	28	108	3420	24
STYLO VP 0F3 3.7-2M		6070	52	116	6840	48
STYLO VP 0F3 3.7-3M		8760	76	115	10260	72
STYLO VP 0F3 3.7-4M		11670	102	114	13680	96
STYLO VP 0F3 3.7-5M		14830	127	116	17100	120
STYLO VP 0F3 3.7-6M		17710	150	118	20520	144



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)
STYLO VP 0F2 3.3-1M	STA STA1	1060	9.5	111	1254	8
STYLO VP 0F2 3.3-2M		2100	18.5	113	2508	16
STYLO VP 0F2 3.3-3M		3150	26.5	118	3762	24
STYLO VP 0F2 3.3-4M		4030	34.5	116	5016	32
STYLO VP 0F2 3.3-5M		5380	44	122	6270	40
STYLO VP 0F2 3.3-6M		6360	52	122	7524	48
STYLO VP 0F2 3.3-7M		7390	60	123	8778	56
STYLO VP 0F2 3.5-1M	STA STA1	1530	14	109	1801	12
STYLO VP 0F2 3.5-2M		3000	27	111	3602	24
STYLO VP 0F2 3.5-3M		4510	39	115	5403	36
STYLO VP 0F2 3.5-4M		5710	51	111	7204	48
STYLO VP 0F2 3.5-5M		7700	64	120	9005	60
STYLO VP 0F2 3.5-6M		9050	76	119	10806	72
STYLO VP 0F2 3.5-7M		10520	88	119	12607	84
STYLO VP 0F2 3.7-1M	STA STA1	1970	19.5	101	2280	16
STYLO VP 0F2 3.7-2M		3840	36	106	4560	32
STYLO VP 0F2 3.7-3M		5730	51.5	111	6840	48
STYLO VP 0F2 3.7-4M		7180	67.5	106	9120	64
STYLO VP 0F2 3.7-5M		9710	85	114	11400	80
STYLO VP 0F2 3.7-6M		11470	101	113	13680	96
STYLO VP 0F2 3.7-7M		13270	117	113	15960	112

*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%.

Power tolerance with ZHAGA version or power supply D4i/SR: ±10%.

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