



ITALO 1 X

MAIN CHARACTERISTICS

Applications	Street lighting.
Optic	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/S07: Asymmetrical optic for street, urban and green areas lighting. STA: Asymmetrical optic for wide urban road and cycle-path lighting. Colour temperature: 4000K, 3000K (others in option) CRI ≥ 70 LOR= 100%, DLOR= 100%, ULOR= 0% Photobiological safety class: EXEMPT GROUP LED source efficiency: 185 lm/W @ 140mA, Tj=85°C, 4000K
Insulation class	II, I
Protection degree	IP66 IK09 total
Dimensions	See the drawing
Weight	max 7kg
Exposed surface	Side: 0.06m ² – Top: 0.18m ² SCx:0.04m ²
Mounting	Bracket or Post-top Ø60mm Ø33mm ÷ Ø60mm (optional) Ø60mm ÷ Ø76mm (optional)
Tilt Angle	Post-top: 0°, +5°, +10°, +15°, +20° Bracket: 0°, -5°, -10°, -15°, -20° Bracket: +5°, 0°, -5°, -10°, -15°, -20° (only Ø33mm ÷ Ø60mm)
LED Modules	Removable / Replaceable.
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 (Standard tolerance +/-10%, other voltages and tolerances upon request)
Power factor	>0,95 (at full load - F, DA, DAC)
On-load switch	Included, with integrated cable clamp.
Mains connection	For cables max section 4mm ²
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. NEMA: Socket 7 pin (ANSI C136.41). ZHAGA: Socket 4 pin (ZHAGA Book 18).
Optical unit lifetime (Tq=25°C)	>100.000hr L90B10 >100.000hr L90, TM-21

MATERIALS

Fixing	Die-cast aluminum UNI EN1706 powder painted.
Lower frame	
Upper canopy	
Closure hook	Extruded aluminium with stainless steel spring.
Optic	99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)
Screen	Flat tempered glass, 4mm thickness high transparency.
Cable gland	Plastic M20x1.5 - IP68
Gasket	Polyurethane
Colour	Semi-gloss satin grey - Cod. 2B



LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	DGI	INTENSITY @80° (cd)
ITALO 1 X 5P5 S05 4.060-1M	S05	60	1680	11.9	141	15487	171,2
ITALO 1 X 5P5 S05 4.060-2M	S05	60	3370	23	146	21967	343,42
ITALO 1 X 5P5 S05 4.060-3M	S05	60	5060	33.8	149	26931	515,64
ITALO 1 X 5P5 S05 4.060-4M	S05	60	6800	43.4	156	31343	692,95
ITALO 1 X 5P5 S05 4.100-1M	S05	100	2750	19.1	143	25351	280,24
ITALO 1 X 5P5 S05 4.100-2M	S05	100	5490	37.4	146	35786	559,45
ITALO 1 X 5P5 S05 4.100-3M	S05	100	8230	54.8	150	43802	838,67
ITALO 1 X 5P5 S05 4.100-4M	S05	100	10960	72	152	50517	1116,87
ITALO 1 X 5P5 S05 4.140-1M	S05	140	3790	26.8	141	34938	386,22
ITALO 1 X 5P5 S05 4.140-2M	S05	140	7530	52.3	143	49084	767,34
ITALO 1 X 5P5 S05 4.140-3M	S05	140	11260	76.7	146	59929	1147,44
ITALO 1 X 5P5 S05 4.140-4M	S05	140	14820	102	145	68309	1510,22
ITALO 1 X 5P5 S05 4.180-1M	S05	180	4730	34.8	135	43603	482,01
ITALO 1 X 5P5 S05 4.180-2M	S05	180	9380	67.7	138	61143	955,86
ITALO 1 X 5P5 S05 4.180-3M	S05	180	14000	100	140	74512	1426,66
ITALO 1 X 5P5 S05 4.180-4M	S05	180	18430	132	139	84948	1878,09
ITALO 1 X 5P5 S07 4.060-1M	S07	60	1680	11.9	141	16990	93,22
ITALO 1 X 5P5 S07 4.060-2M	S07	60	3370	23	146	24100	187
ITALO 1 X 5P5 S07 4.060-3M	S07	60	5060	33.8	149	29545	280,78
ITALO 1 X 5P5 S07 4.060-4M	S07	60	6800	43.4	156	34386	377,33
ITALO 1 X 5P5 S07 4.100-1M	S07	100	2750	19.1	143	27812	152,6
ITALO 1 X 5P5 S07 4.100-2M	S07	100	5490	37.4	146	39261	304,64
ITALO 1 X 5P5 S07 4.100-3M	S07	100	8230	54.8	150	48055	456,68
ITALO 1 X 5P5 S07 4.100-4M	S07	100	10960	72	152	55422	608,17
ITALO 1 X 5P5 S07 4.140-1M	S07	140	3790	26.8	141	38330	210,31
ITALO 1 X 5P5 S07 4.140-2M	S07	140	7530	52.3	143	53849	417,84
ITALO 1 X 5P5 S07 4.140-3M	S07	140	11260	76.7	146	65747	624,82
ITALO 1 X 5P5 S07 4.140-4M	S07	140	14820	102	145	74940	822,36
ITALO 1 X 5P5 S07 4.180-1M	S07	180	4730	34.8	135	47837	262,47
ITALO 1 X 5P5 S07 4.180-2M	S07	180	9380	67.7	138	67079	520,5
ITALO 1 X 5P5 S07 4.180-3M	S07	180	14000	100	140	81746	776,86
ITALO 1 X 5P5 S07 4.180-4M	S07	180	18430	132	139	93195	1022,68
ITALO 1 X 5P5 STA 4.060-1M	STA	60	1710	11.9	143	18294	230,36
ITALO 1 X 5P5 STA 4.060-2M	STA	60	3450	23	150	26098	464,77
ITALO 1 X 5P5 STA 4.060-3M	STA	60	5180	33.8	153	31994	697,83
ITALO 1 X 5P5 STA 4.060-4M	STA	60	6960	43.4	160	37229	937,62
ITALO 1 X 5P5 STA 4.100-1M	STA	100	2810	19.1	147	30061	378,55
ITALO 1 X 5P5 STA 4.100-2M	STA	100	5620	37.4	150	42513	757,1

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	DGI	INTENSITY @80° (cd)
ITALO 1 X 5P5 STA 4.100-3M	STA	100	8420	54.8	153	52006	1134,31
ITALO 1 X 5P5 STA 4.100-4M	STA	100	11210	72	155	59962	1510,16
ITALO 1 X 5P5 STA 4.140-1M	STA	140	3880	26.8	144	41508	522,7
ITALO 1 X 5P5 STA 4.140-2M	STA	140	7700	52.3	147	58248	1037,31
ITALO 1 X 5P5 STA 4.140-3M	STA	140	11510	76.7	150	71092	1550,58
ITALO 1 X 5P5 STA 4.140-4M	STA	140	15160	102	148	81091	2042,29
ITALO 1 X 5P5 STA 4.180-1M	STA	180	4840	34.8	139	51778	652,02
ITALO 1 X 5P5 STA 4.180-2M	STA	180	9590	67.7	141	72545	1291,92
ITALO 1 X 5P5 STA 4.180-3M	STA	180	14320	100	143	88448	1929,13
ITALO 1 X 5P5 STA 4.180-4M	STA	180	18850	132	142	100829	2539,39
ITALO 1 X 5P5 STE-M 4.060-1M	STE-M	60	1710	11.9	143	15756	110,19
ITALO 1 X 5P5 STE-M 4.060-2M	STE-M	60	3450	23	150	22478	222,31
ITALO 1 X 5P5 STE-M 4.060-3M	STE-M	60	5180	33.8	153	27556	333,78
ITALO 1 X 5P5 STE-M 4.060-4M	STE-M	60	6960	43.4	160	32065	448,48
ITALO 1 X 5P5 STE-M 4.100-1M	STE-M	100	2810	19.1	147	25891	181,07
ITALO 1 X 5P5 STE-M 4.100-2M	STE-M	100	5620	37.4	150	36616	362,14
ITALO 1 X 5P5 STE-M 4.100-3M	STE-M	100	8420	54.8	153	44792	542,56
ITALO 1 X 5P5 STE-M 4.100-4M	STE-M	100	11210	72	155	51644	722,34
ITALO 1 X 5P5 STE-M 4.140-1M	STE-M	140	3880	26.8	144	35750	250,02
ITALO 1 X 5P5 STE-M 4.140-2M	STE-M	140	7700	52.3	147	50167	496,16
ITALO 1 X 5P5 STE-M 4.140-3M	STE-M	140	11510	76.7	150	61229	741,67
ITALO 1 X 5P5 STE-M 4.140-4M	STE-M	140	15160	102	148	69842	976,86
ITALO 1 X 5P5 STE-M 4.180-1M	STE-M	180	4840	34.8	139	44595	311,87
ITALO 1 X 5P5 STE-M 4.180-2M	STE-M	180	9590	67.7	141	62481	617,95
ITALO 1 X 5P5 STE-M 4.180-3M	STE-M	180	14320	100	143	76178	922,74
ITALO 1 X 5P5 STE-M 4.180-4M	STE-M	180	18850	132	142	86841	1214,63
ITALO 1 X 5P5 STE-S 4.060-1M	STE-S	60	1680	11.9	141	15917	100,63
ITALO 1 X 5P5 STE-S 4.060-2M	STE-S	60	3370	23	146	22577	201,86
ITALO 1 X 5P5 STE-S 4.060-3M	STE-S	60	5060	33.8	149	27678	303,09
ITALO 1 X 5P5 STE-S 4.060-4M	STE-S	60	6800	43.4	156	32213	407,32
ITALO 1 X 5P5 STE-S 4.100-1M	STE-S	100	2750	19.1	143	26054	164,72
ITALO 1 X 5P5 STE-S 4.100-2M	STE-S	100	5490	37.4	146	36779	328,85
ITALO 1 X 5P5 STE-S 4.100-3M	STE-S	100	8230	54.8	150	45018	492,97
ITALO 1 X 5P5 STE-S 4.100-4M	STE-S	100	10960	72	152	51919	656,5
ITALO 1 X 5P5 STE-S 4.140-1M	STE-S	140	3790	26.8	141	35908	227,02
ITALO 1 X 5P5 STE-S 4.140-2M	STE-S	140	7530	52.3	143	50446	451,04
ITALO 1 X 5P5 STE-S 4.140-3M	STE-S	140	11260	76.7	146	61592	674,47
ITALO 1 X 5P5 STE-S 4.140-4M	STE-S	140	14820	102	145	70204	887,71

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	DGI	INTENSITY @80° (cd)
ITALO 1 X 5P5 STE-S 4.180-1M	STE-S	180	4730	34.8	135	44813	283,32
ITALO 1 X 5P5 STE-S 4.180-2M	STE-S	180	9380	67.7	138	62840	561,86
ITALO 1 X 5P5 STE-S 4.180-3M	STE-S	180	14000	100	140	76580	838,59
ITALO 1 X 5P5 STE-S 4.180-4M	STE-S	180	18430	132	139	87306	1103,94
ITALO 1 X 5P5 STU-M 4.060-1M	STU-M	60	1710	11.9	143	18802	174,42
ITALO 1 X 5P5 STU-M 4.060-2M	STU-M	60	3450	23	150	26824	351,89
ITALO 1 X 5P5 STU-M 4.060-3M	STU-M	60	5180	33.8	153	32884	528,35
ITALO 1 X 5P5 STU-M 4.060-4M	STU-M	60	6960	43.4	160	38264	709,9
ITALO 1 X 5P5 STU-M 4.100-1M	STU-M	100	2810	19.1	147	30897	286,61
ITALO 1 X 5P5 STU-M 4.100-2M	STU-M	100	5620	37.4	150	43695	573,22
ITALO 1 X 5P5 STU-M 4.100-3M	STU-M	100	8420	54.8	153	53452	858,82
ITALO 1 X 5P5 STU-M 4.100-4M	STU-M	100	11210	72	155	61630	1143,39
ITALO 1 X 5P5 STU-M 4.140-1M	STU-M	140	3880	26.8	144	42663	395,75
ITALO 1 X 5P5 STU-M 4.140-2M	STU-M	140	7700	52.3	147	59867	785,38
ITALO 1 X 5P5 STU-M 4.140-3M	STU-M	140	11510	76.7	150	73068	1173,99
ITALO 1 X 5P5 STU-M 4.140-4M	STU-M	140	15160	102	148	83346	1546,28
ITALO 1 X 5P5 STU-M 4.180-1M	STU-M	180	4840	34.8	139	53218	493,67
ITALO 1 X 5P5 STU-M 4.180-2M	STU-M	180	9590	67.7	141	74562	978,15
ITALO 1 X 5P5 STU-M 4.180-3M	STU-M	180	14320	100	143	90907	1460,6
ITALO 1 X 5P5 STU-M 4.180-4M	STU-M	180	18850	132	142	103633	1922,65
ITALO 1 X 5P5 STU-S 4.060-1M	STU-S	60	1680	11.9	141	19204	178,84
ITALO 1 X 5P5 STU-S 4.060-2M	STU-S	60	3370	23	146	27239	358,75
ITALO 1 X 5P5 STU-S 4.060-3M	STU-S	60	5060	33.8	149	33394	538,66
ITALO 1 X 5P5 STU-S 4.060-4M	STU-S	60	6800	43.4	156	38865	723,89
ITALO 1 X 5P5 STU-S 4.100-1M	STU-S	100	2750	19.1	143	31435	292,75
ITALO 1 X 5P5 STU-S 4.100-2M	STU-S	100	5490	37.4	146	44374	584,43
ITALO 1 X 5P5 STU-S 4.100-3M	STU-S	100	8230	54.8	150	54314	876,12
ITALO 1 X 5P5 STU-S 4.100-4M	STU-S	100	10960	72	152	62640	1166,73
ITALO 1 X 5P5 STU-S 4.140-1M	STU-S	140	3790	26.8	141	43323	403,46
ITALO 1 X 5P5 STU-S 4.140-2M	STU-S	140	7530	52.3	143	60863	801,6
ITALO 1 X 5P5 STU-S 4.140-3M	STU-S	140	11260	76.7	146	74311	1198,67
ITALO 1 X 5P5 STU-S 4.140-4M	STU-S	140	14820	102	145	84702	1577,65
ITALO 1 X 5P5 STU-S 4.180-1M	STU-S	180	4730	34.8	135	54067	503,53
ITALO 1 X 5P5 STU-S 4.180-2M	STU-S	180	9380	67.7	138	75816	998,54
ITALO 1 X 5P5 STU-S 4.180-3M	STU-S	180	14000	100	140	92394	1490,35
ITALO 1 X 5P5 STU-S 4.180-4M	STU-S	180	18430	132	139	105334	1961,94
ITALO 1 X 5P5 STW 4.060-1M	STW	60	1760	11.9	147	19230	95,96
ITALO 1 X 5P5 STW 4.060-2M	STW	60	3520	23	153	27195	191,91

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	DGI	INTENSITY @80° (cd)
ITALO 1 X 5P5 STW 4.060-3M	STW	60	5280	33.8	156	33307	287,87
ITALO 1 X 5P5 STW 4.060-4M	STW	60	7110	43.4	163	38843	387,64
ITALO 1 X 5P5 STW 4.100-1M	STW	100	2880	19.1	150	31467	157,02
ITALO 1 X 5P5 STW 4.100-2M	STW	100	5740	37.4	153	44347	312,95
ITALO 1 X 5P5 STW 4.100-3M	STW	100	8600	54.8	156	54251	468,88
ITALO 1 X 5P5 STW 4.100-4M	STW	100	11460	72	159	62607	624,81
ITALO 1 X 5P5 STW 4.140-1M	STW	140	3970	26.8	148	43377	216,45
ITALO 1 X 5P5 STW 4.140-2M	STW	140	7870	52.3	150	60804	429,08
ITALO 1 X 5P5 STW 4.140-3M	STW	140	11770	76.7	153	74248	641,71
ITALO 1 X 5P5 STW 4.140-4M	STW	140	15500	102	151	84678	845,07
ITALO 1 X 5P5 STW 4.180-1M	STW	180	4950	34.8	142	54085	269,88
ITALO 1 X 5P5 STW 4.180-2M	STW	180	9800	67.7	144	75715	534,3
ITALO 1 X 5P5 STW 4.180-3M	STW	180	14640	100	146	92353	798,18
ITALO 1 X 5P5 STW 4.180-4M	STW	180	19280	132	146	105328	1051,16
ITALO 1 X 5P5 SV 4.060-1M	SV	60	1710	11.9	143	18760	194,74
ITALO 1 X 5P5 SV 4.060-2M	SV	60	3450	23	150	26763	392,9
ITALO 1 X 5P5 SV 4.060-3M	SV	60	5180	33.8	153	32810	589,93
ITALO 1 X 5P5 SV 4.060-4M	SV	60	6960	43.4	160	38178	792,64
ITALO 1 X 5P5 SV 4.100-1M	SV	100	2810	19.1	147	30828	320,02
ITALO 1 X 5P5 SV 4.100-2M	SV	100	5620	37.4	150	43597	640,04
ITALO 1 X 5P5 SV 4.100-3M	SV	100	8420	54.8	153	53332	958,92
ITALO 1 X 5P5 SV 4.100-4M	SV	100	11210	72	155	61491	1276,66
ITALO 1 X 5P5 SV 4.140-1M	SV	140	3880	26.8	144	42566	441,88
ITALO 1 X 5P5 SV 4.140-2M	SV	140	7700	52.3	147	59732	876,92
ITALO 1 X 5P5 SV 4.140-3M	SV	140	11510	76.7	150	72903	1310,82
ITALO 1 X 5P5 SV 4.140-4M	SV	140	15160	102	148	83158	1726,5
ITALO 1 X 5P5 SV 4.180-1M	SV	180	4840	34.8	139	53098	551,21
ITALO 1 X 5P5 SV 4.180-2M	SV	180	9590	67.7	141	74394	1092,16
ITALO 1 X 5P5 SV 4.180-3M	SV	180	14320	100	143	90702	1630,84
ITALO 1 X 5P5 SV 4.180-4M	SV	180	18850	132	142	103399	2146,74

*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	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	DGI	INTENSITY @80° (cd)
ITALO 1 X 5P5 S05 3.060-1M	S05	60	1580	11.9	132	14565	161,01
ITALO 1 X 5P5 S05 3.060-2M	S05	60	3170	23	137	20663	323,04
ITALO 1 X 5P5 S05 3.060-3M	S05	60	4750	33.8	140	25281	484,04
ITALO 1 X 5P5 S05 3.060-4M	S05	60	6390	43.4	147	29453	651,17
ITALO 1 X 5P5 S05 3.100-1M	S05	100	2590	19.1	135	23876	263,93
ITALO 1 X 5P5 S05 3.100-2M	S05	100	5160	37.4	137	33635	525,83
ITALO 1 X 5P5 S05 3.100-3M	S05	100	7740	54.8	141	41194	788,74
ITALO 1 X 5P5 S05 3.100-4M	S05	100	10300	72	143	47475	1049,61
ITALO 1 X 5P5 S05 3.140-1M	S05	140	3560	26.8	132	32818	362,78
ITALO 1 X 5P5 S05 3.140-2M	S05	140	7080	52.3	135	46150	721,48
ITALO 1 X 5P5 S05 3.140-3M	S05	140	10580	76.7	137	56310	1078,15
ITALO 1 X 5P5 S05 3.140-4M	S05	140	13930	102	136	64207	1419,53
ITALO 1 X 5P5 S05 3.180-1M	S05	180	4450	34.8	127	41022	453,47
ITALO 1 X 5P5 S05 3.180-2M	S05	180	8820	67.7	130	57493	898,79
ITALO 1 X 5P5 S05 3.180-3M	S05	180	13160	100	131	70041	1341,06
ITALO 1 X 5P5 S05 3.180-4M	S05	180	17330	132	131	79878	1766
ITALO 1 X 5P5 S07 3.060-1M	S07	60	1580	11.9	132	15979	87,67
ITALO 1 X 5P5 S07 3.060-2M	S07	60	3170	23	137	22670	175,9
ITALO 1 X 5P5 S07 3.060-3M	S07	60	4750	33.8	140	27735	263,58
ITALO 1 X 5P5 S07 3.060-4M	S07	60	6390	43.4	147	32312	354,58
ITALO 1 X 5P5 S07 3.100-1M	S07	100	2590	19.1	135	26194	143,72
ITALO 1 X 5P5 S07 3.100-2M	S07	100	5160	37.4	137	36901	286,33
ITALO 1 X 5P5 S07 3.100-3M	S07	100	7740	54.8	141	45194	429,49
ITALO 1 X 5P5 S07 3.100-4M	S07	100	10300	72	143	52084	571,55
ITALO 1 X 5P5 S07 3.140-1M	S07	140	3560	26.8	132	36004	197,54
ITALO 1 X 5P5 S07 3.140-2M	S07	140	7080	52.3	135	50631	392,87
ITALO 1 X 5P5 S07 3.140-3M	S07	140	10580	76.7	137	61776	587,08
ITALO 1 X 5P5 S07 3.140-4M	S07	140	13930	102	136	70440	772,98
ITALO 1 X 5P5 S07 3.180-1M	S07	180	4450	34.8	127	45005	246,93
ITALO 1 X 5P5 S07 3.180-2M	S07	180	8820	67.7	130	63074	489,42
ITALO 1 X 5P5 S07 3.180-3M	S07	180	13160	100	131	76841	730,25
ITALO 1 X 5P5 S07 3.180-4M	S07	180	17330	132	131	87633	961,64
ITALO 1 X 5P5 STA 3.060-1M	STA	60	1610	11.9	135	17224	216,89
ITALO 1 X 5P5 STA 3.060-2M	STA	60	3240	23	140	24509	436,48
ITALO 1 X 5P5 STA 3.060-3M	STA	60	4870	33.8	144	30080	656,07
ITALO 1 X 5P5 STA 3.060-4M	STA	60	6540	43.4	150	34982	881,04
ITALO 1 X 5P5 STA 3.100-1M	STA	100	2640	19.1	138	28243	355,65
ITALO 1 X 5P5 STA 3.100-2M	STA	100	5280	37.4	141	39941	711,3

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	DGI	INTENSITY @80° (cd)
ITALO 1 X 5P5 STA 3.100-3M	STA	100	7910	54.8	144	48856	1065,6
ITALO 1 X 5P5 STA 3.100-4M	STA	100	10540	72	146	56379	1419,9
ITALO 1 X 5P5 STA 3.140-1M	STA	140	3650	26.8	136	39048	491,71
ITALO 1 X 5P5 STA 3.140-2M	STA	140	7240	52.3	138	54768	975,34
ITALO 1 X 5P5 STA 3.140-3M	STA	140	10820	76.7	141	66830	1457,62
ITALO 1 X 5P5 STA 3.140-4M	STA	140	14250	102	139	76223	1919,7
ITALO 1 X 5P5 STA 3.180-1M	STA	180	4550	34.8	130	48676	612,96
ITALO 1 X 5P5 STA 3.180-2M	STA	180	9010	67.7	133	68157	1213,79
ITALO 1 X 5P5 STA 3.180-3M	STA	180	13460	100	134	83136	1813,27
ITALO 1 X 5P5 STA 3.180-4M	STA	180	17720	132	134	94784	2387,16
ITALO 1 X 5P5 STE-M 3.060-1M	STE-M	60	1610	11.9	135	14834	103,74
ITALO 1 X 5P5 STE-M 3.060-2M	STE-M	60	3240	23	140	21109	208,78
ITALO 1 X 5P5 STE-M 3.060-3M	STE-M	60	4870	33.8	144	25907	313,81
ITALO 1 X 5P5 STE-M 3.060-4M	STE-M	60	6540	43.4	150	30130	421,42
ITALO 1 X 5P5 STE-M 3.100-1M	STE-M	100	2640	19.1	138	24325	170,11
ITALO 1 X 5P5 STE-M 3.100-2M	STE-M	100	5280	37.4	141	34400	340,23
ITALO 1 X 5P5 STE-M 3.100-3M	STE-M	100	7910	54.8	144	42079	509,7
ITALO 1 X 5P5 STE-M 3.100-4M	STE-M	100	10540	72	146	48557	679,16
ITALO 1 X 5P5 STE-M 3.140-1M	STE-M	140	3650	26.8	136	33631	235,19
ITALO 1 X 5P5 STE-M 3.140-2M	STE-M	140	7240	52.3	138	47170	466,52
ITALO 1 X 5P5 STE-M 3.140-3M	STE-M	140	10820	76.7	141	57559	697,21
ITALO 1 X 5P5 STE-M 3.140-4M	STE-M	140	14250	102	139	65649	918,23
ITALO 1 X 5P5 STE-M 3.180-1M	STE-M	180	4550	34.8	130	41923	293,19
ITALO 1 X 5P5 STE-M 3.180-2M	STE-M	180	9010	67.7	133	58702	580,58
ITALO 1 X 5P5 STE-M 3.180-3M	STE-M	180	13460	100	134	71603	867,32
ITALO 1 X 5P5 STE-M 3.180-4M	STE-M	180	17720	132	134	81635	1141,82
ITALO 1 X 5P5 STE-S 3.060-1M	STE-S	60	1580	11.9	132	14969	94,64
ITALO 1 X 5P5 STE-S 3.060-2M	STE-S	60	3170	23	137	21237	189,88
ITALO 1 X 5P5 STE-S 3.060-3M	STE-S	60	4750	33.8	140	25982	284,52
ITALO 1 X 5P5 STE-S 3.060-4M	STE-S	60	6390	43.4	147	30270	382,76
ITALO 1 X 5P5 STE-S 3.100-1M	STE-S	100	2590	19.1	135	24538	155,14
ITALO 1 X 5P5 STE-S 3.100-2M	STE-S	100	5160	37.4	137	34569	309,08
ITALO 1 X 5P5 STE-S 3.100-3M	STE-S	100	7740	54.8	141	42338	463,62
ITALO 1 X 5P5 STE-S 3.100-4M	STE-S	100	10300	72	143	48793	616,96
ITALO 1 X 5P5 STE-S 3.140-1M	STE-S	140	3560	26.8	132	33728	213,24
ITALO 1 X 5P5 STE-S 3.140-2M	STE-S	140	7080	52.3	135	47431	424,09
ITALO 1 X 5P5 STE-S 3.140-3M	STE-S	140	10580	76.7	137	57872	633,73
ITALO 1 X 5P5 STE-S 3.140-4M	STE-S	140	13930	102	136	65988	834,4

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	DGI	INTENSITY @80° (cd)
ITALO 1 X 5P5 STE-S 3.180-1M	STE-S	180	4450	34.8	127	42161	266,55
ITALO 1 X 5P5 STE-S 3.180-2M	STE-S	180	8820	67.7	130	59088	528,31
ITALO 1 X 5P5 STE-S 3.180-3M	STE-S	180	13160	100	131	71985	788,27
ITALO 1 X 5P5 STE-S 3.180-4M	STE-S	180	17330	132	131	82095	1038,05
ITALO 1 X 5P5 STU-M 3.060-1M	STU-M	60	1610	11.9	135	17703	164,22
ITALO 1 X 5P5 STU-M 3.060-2M	STU-M	60	3240	23	140	25191	330,47
ITALO 1 X 5P5 STU-M 3.060-3M	STU-M	60	4870	33.8	144	30916	496,73
ITALO 1 X 5P5 STU-M 3.060-4M	STU-M	60	6540	43.4	150	35955	667,06
ITALO 1 X 5P5 STU-M 3.100-1M	STU-M	100	2640	19.1	138	29028	269,27
ITALO 1 X 5P5 STU-M 3.100-2M	STU-M	100	5280	37.4	141	41052	538,55
ITALO 1 X 5P5 STU-M 3.100-3M	STU-M	100	7910	54.8	144	50215	806,8
ITALO 1 X 5P5 STU-M 3.100-4M	STU-M	100	10540	72	146	57946	1075,05
ITALO 1 X 5P5 STU-M 3.140-1M	STU-M	140	3650	26.8	136	40134	372,29
ITALO 1 X 5P5 STU-M 3.140-2M	STU-M	140	7240	52.3	138	56291	738,46
ITALO 1 X 5P5 STU-M 3.140-3M	STU-M	140	10820	76.7	141	68688	1103,61
ITALO 1 X 5P5 STU-M 3.140-4M	STU-M	140	14250	102	139	78343	1453,46
ITALO 1 X 5P5 STU-M 3.180-1M	STU-M	180	4550	34.8	130	50030	464,09
ITALO 1 X 5P5 STU-M 3.180-2M	STU-M	180	9010	67.7	133	70053	919
ITALO 1 X 5P5 STU-M 3.180-3M	STU-M	180	13460	100	134	85448	1372,88
ITALO 1 X 5P5 STU-M 3.180-4M	STU-M	180	17720	132	134	97420	1807,39
ITALO 1 X 5P5 STU-S 3.060-1M	STU-S	60	1580	11.9	132	18061	168,2
ITALO 1 X 5P5 STU-S 3.060-2M	STU-S	60	3170	23	137	25622	337,46
ITALO 1 X 5P5 STU-S 3.060-3M	STU-S	60	4750	33.8	140	31348	505,66
ITALO 1 X 5P5 STU-S 3.060-4M	STU-S	60	6390	43.4	147	36521	680,24
ITALO 1 X 5P5 STU-S 3.100-1M	STU-S	100	2590	19.1	135	29606	275,72
ITALO 1 X 5P5 STU-S 3.100-2M	STU-S	100	5160	37.4	137	41707	549,3
ITALO 1 X 5P5 STU-S 3.100-3M	STU-S	100	7740	54.8	141	51080	823,95
ITALO 1 X 5P5 STU-S 3.100-4M	STU-S	100	10300	72	143	58868	1096,47
ITALO 1 X 5P5 STU-S 3.140-1M	STU-S	140	3560	26.8	132	40693	378,98
ITALO 1 X 5P5 STU-S 3.140-2M	STU-S	140	7080	52.3	135	57226	753,69
ITALO 1 X 5P5 STU-S 3.140-3M	STU-S	140	10580	76.7	137	69823	1126,28
ITALO 1 X 5P5 STU-S 3.140-4M	STU-S	140	13930	102	136	79615	1482,9
ITALO 1 X 5P5 STU-S 3.180-1M	STU-S	180	4450	34.8	127	50867	473,72
ITALO 1 X 5P5 STU-S 3.180-2M	STU-S	180	8820	67.7	130	71290	938,92
ITALO 1 X 5P5 STU-S 3.180-3M	STU-S	180	13160	100	131	86850	1400,93
ITALO 1 X 5P5 STU-S 3.180-4M	STU-S	180	17330	132	131	99047	1844,84
ITALO 1 X 5P5 STW 3.060-1M	STW	60	1650	11.9	138	18028	89,96
ITALO 1 X 5P5 STW 3.060-2M	STW	60	3310	23	143	25573	180,46

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	DGI	INTENSITY @80° (cd)
ITALO 1 X 5P5 STW 3.060-3M	STW	60	4970	33.8	147	31352	270,97
ITALO 1 X 5P5 STW 3.060-4M	STW	60	6680	43.4	153	36493	364,2
ITALO 1 X 5P5 STW 3.100-1M	STW	100	2710	19.1	141	29610	147,75
ITALO 1 X 5P5 STW 3.100-2M	STW	100	5400	37.4	144	41720	294,41
ITALO 1 X 5P5 STW 3.100-3M	STW	100	8080	54.8	147	50971	440,53
ITALO 1 X 5P5 STW 3.100-4M	STW	100	10770	72	149	58837	587,19
ITALO 1 X 5P5 STW 3.140-1M	STW	140	3730	26.8	139	40755	203,36
ITALO 1 X 5P5 STW 3.140-2M	STW	140	7400	52.3	141	57172	403,45
ITALO 1 X 5P5 STW 3.140-3M	STW	140	11060	76.7	144	69769	603
ITALO 1 X 5P5 STW 3.140-4M	STW	140	14570	102	142	79597	794,37
ITALO 1 X 5P5 STW 3.180-1M	STW	180	4650	34.8	133	50807	253,52
ITALO 1 X 5P5 STW 3.180-2M	STW	180	9210	67.7	136	71156	502,14
ITALO 1 X 5P5 STW 3.180-3M	STW	180	13760	100	137	86801	750,2
ITALO 1 X 5P5 STW 3.180-4M	STW	180	18120	132	137	98991	987,91
ITALO 1 X 5P5 SV 3.060-1M	SV	60	1610	11.9	135	17663	183,36
ITALO 1 X 5P5 SV 3.060-2M	SV	60	3240	23	140	25134	368,99
ITALO 1 X 5P5 SV 3.060-3M	SV	60	4870	33.8	144	30846	554,62
ITALO 1 X 5P5 SV 3.060-4M	SV	60	6540	43.4	150	35874	744,81
ITALO 1 X 5P5 SV 3.100-1M	SV	100	2640	19.1	138	28963	300,66
ITALO 1 X 5P5 SV 3.100-2M	SV	100	5280	37.4	141	40959	601,32
ITALO 1 X 5P5 SV 3.100-3M	SV	100	7910	54.8	144	50101	900,83
ITALO 1 X 5P5 SV 3.100-4M	SV	100	10540	72	146	57815	1200,35
ITALO 1 X 5P5 SV 3.140-1M	SV	140	3650	26.8	136	40043	415,68
ITALO 1 X 5P5 SV 3.140-2M	SV	140	7240	52.3	138	56164	824,53
ITALO 1 X 5P5 SV 3.140-3M	SV	140	10820	76.7	141	68533	1232,24
ITALO 1 X 5P5 SV 3.140-4M	SV	140	14250	102	139	78166	1622,87
ITALO 1 X 5P5 SV 3.180-1M	SV	180	4550	34.8	130	49916	518,18
ITALO 1 X 5P5 SV 3.180-2M	SV	180	9010	67.7	133	69894	1026,11
ITALO 1 X 5P5 SV 3.180-3M	SV	180	13460	100	134	85255	1532,9
ITALO 1 X 5P5 SV 3.180-4M	SV	180	17720	132	134	97200	2018,05

*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: $\pm 5\%$.

Power tolerance with ZHAGA version or power supply D4i/SR: $\pm 10\%$.

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