



ITALO 3

ITALO 3

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/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, 2700K, 2200K (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</p>
Insulation class	II, I
Protection degree	IP66/IP67 IK09 total
Dimensions	See the drawing
Weight	max 20kg
Exposed surface	Side: 0.083m ² – Top: 0.42m ² SCx: 0.085 m ²
Mounting	Bracket or Post-top Ø60mm + Ø76mm
Tilt Angle	Post-top: -10°/+30° (step di 5°) Bracket: -30°/+10° (step di 5°)
LED Modules	Removable / Replaceable.
Gear tray	Removable.
Operating temp.	-40°C / +55°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 12kV With SPD: CL.II: 10kV / 10kV CM/DM CL.I: 12kV / 10kV CM/DM Without SPD: CL.II: 10kV / 6kV CM/DM CL.I: 10kV / 6kV CM/DM
SPD (optional)	12kV-10kA, type 2+3, 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. DALI: Digital dimming interface DALI. NEMA: Socket 7 pin (ANSI C136.41). ZHAGA: Socket 4 pin (ZHAGA Book 18).</p>
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, 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)
ITALO 3 5P5 7040.060-9M	STE-M STU-M STW SV	60	16080	95.9	167	16622	84.6
ITALO 3 5P5 7040.060-10M			17860	107	166	18468	94
ITALO 3 5P5 7040.060-11M			19640	120	163	20315	103
ITALO 3 5P5 7040.060-12M			21420	131	163	22162	113
ITALO 3 5P5 7040.060-13M			23250	142	163	24009	122
ITALO 3 5P5 7040.060-14M			25010	149	167	25856	132
ITALO 3 5P5 7040.060-15M		26660	160	166	27703	141	
ITALO 3 5P5 7040.100-9M		100	26100	160	163	27207	144
ITALO 3 5P5 7040.100-10M			28980	178	162	30230	160
ITALO 3 5P5 7040.100-11M			31850	199	160	33253	176
ITALO 3 5P5 7040.100-12M			34680	217	159	36276	191
ITALO 3 5P5 7040.100-13M			37530	236	159	39299	207
ITALO 3 5P5 7040.100-14M			40310	250	161	42322	223
ITALO 3 5P5 7040.100-15M		42930	268	160	45345	239	
ITALO 3 5P5 7040.140-9M		140	35450	229	154	37346	204
ITALO 3 5P5 7040.140-10M			39240	254	154	41496	227
ITALO 3 5P5 7040.140-11M			43080	281	153	45645	249
ITALO 3 5P5 7040.140-12M			46830	306	153	49795	272
ITALO 3 5P5 7040.140-13M			50450	332	151	53944	295
ITALO 3 5P5 7040.140-14M			54130	357	151	58094	317
ITALO 3 5P5 7040.140-15M		57640	383	150	62244	340	
ITALO 3 5P5 7040.160-9M		160	39840	264	150	42248	235
ITALO 3 5P5 7040.160-10M			44000	293	150	46942	261
ITALO 3 5P5 7040.160-11M			48290	323	149	51637	287
ITALO 3 5P5 7040.160-12M			52460	352	149	56331	313
ITALO 3 5P5 7040.180-9M		180	44020	299	147	47039	266
ITALO 3 5P5 7040.180-10M			48500	332	146	52265	296
ITALO 3 5P5 7040.180-11M			53210	365	145	57492	325
ITALO 3 5P5 7040.180-12M	57790		398	145	62718	355	

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)
ITALO 3 5P5 7040.060-9M		60	15720	95.9	163	16622	84.6
ITALO 3 5P5 7040.060-10M			17470	107	163	18468	94
ITALO 3 5P5 7040.060-11M			19200	120	160	20315	103
ITALO 3 5P5 7040.060-12M			20940	131	159	22162	113
ITALO 3 5P5 7040.060-13M			22740	142	160	24009	122
ITALO 3 5P5 7040.060-14M			24460	149	164	25856	132
ITALO 3 5P5 7040.060-15M			26070	160	162	27703	141
ITALO 3 5P5 7040.100-9M		100	25520	160	159	27207	144
ITALO 3 5P5 7040.100-10M			28340	178	159	30230	160
ITALO 3 5P5 7040.100-11M			31140	199	156	33253	176
ITALO 3 5P5 7040.100-12M			33910	217	156	36276	191
ITALO 3 5P5 7040.100-13M			36700	236	155	39299	207
ITALO 3 5P5 7040.100-14M	S05		39420	250	157	42322	223
ITALO 3 5P5 7040.100-15M	S07		41970	268	156	45345	239
ITALO 3 5P5 7040.140-9M	STA	140	34660	229	151	37346	204
ITALO 3 5P5 7040.140-10M	STE-S		38370	254	151	41496	227
ITALO 3 5P5 7040.140-11M	STU-S		42130	281	149	45645	249
ITALO 3 5P5 7040.140-12M			45780	306	149	49795	272
ITALO 3 5P5 7040.140-13M			49330	332	148	53944	295
ITALO 3 5P5 7040.140-14M			52920	357	148	58094	317
ITALO 3 5P5 7040.140-15M			56350	383	147	62244	340
ITALO 3 5P5 7040.160-9M		160	38950	264	147	42248	235
ITALO 3 5P5 7040.160-10M			43030	293	146	46942	261
ITALO 3 5P5 7040.160-11M			47230	323	146	51637	287
ITALO 3 5P5 7040.160-12M			51290	352	145	56331	313
ITALO 3 5P5 7040.180-9M		180	43030	299	143	47039	266
ITALO 3 5P5 7040.180-10M			47420	332	142	52265	296
ITALO 3 5P5 7040.180-11M			52040	365	142	57492	325
ITALO 3 5P5 7040.180-12M			56490	398	141	62718	355

*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: ±7%.
 Power tolerance with ZHAGA version or power supply D4i/SR: ±10%.
 The characteristics of the product listed above are subjected to change without notice.
 Operating temperature for 9/10/11/12M versions at 180mA: -40°C/+35°C.
 When using ZHAGA or D4i power supply configurations at Ta=50°C contact AEC for feasibility evaluation.

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)
ITALO 3 5P5 7030.060-9M	STE-M STU-M STW SV	60	15110	95.9	157	15624	84.6
ITALO 3 5P5 7030.060-10M			16790	107	156	17360	94
ITALO 3 5P5 7030.060-11M			18460	120	153	19096	103
ITALO 3 5P5 7030.060-12M			20130	131	153	20832	113
ITALO 3 5P5 7030.060-13M			21850	142	153	22568	122
ITALO 3 5P5 7030.060-14M			23510	149	157	24305	132
ITALO 3 5P5 7030.060-15M		25060	160	156	26041	141	
ITALO 3 5P5 7030.100-9M		100	24530	160	153	25575	144
ITALO 3 5P5 7030.100-10M			27240	178	153	28416	160
ITALO 3 5P5 7030.100-11M			29940	199	150	31258	176
ITALO 3 5P5 7030.100-12M			32600	217	150	34100	191
ITALO 3 5P5 7030.100-13M			35280	236	149	36941	207
ITALO 3 5P5 7030.100-14M			37890	250	151	39783	223
ITALO 3 5P5 7030.100-15M		40350	268	150	42624	239	
ITALO 3 5P5 7030.140-9M		140	33320	229	145	35105	204
ITALO 3 5P5 7030.140-10M			36890	254	145	39006	227
ITALO 3 5P5 7030.140-11M			40500	281	144	42907	249
ITALO 3 5P5 7030.140-12M			44020	306	143	46807	272
ITALO 3 5P5 7030.140-13M			47420	332	142	50708	295
ITALO 3 5P5 7030.140-14M			50880	357	142	54608	317
ITALO 3 5P5 7030.140-15M		54180	383	141	58509	340	
ITALO 3 5P5 7030.160-9M		160	37450	264	141	39713	235
ITALO 3 5P5 7030.160-10M			41360	293	141	44126	261
ITALO 3 5P5 7030.160-11M			45390	323	140	48539	287
ITALO 3 5P5 7030.160-12M			49310	352	140	52951	313
ITALO 3 5P5 7030.180-9M		180	41380	299	138	44216	266
ITALO 3 5P5 7030.180-10M			45590	332	137	49129	296
ITALO 3 5P5 7030.180-11M	50020		365	137	54042	325	
ITALO 3 5P5 7030.180-12M	54320		398	136	58955	355	

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)
ITALO 3 5P5 7030.060-9M		60	14780	95.9	154	15624	84.6
ITALO 3 5P5 7030.060-10M			16420	107	153	17360	94
ITALO 3 5P5 7030.060-11M			18050	120	150	19096	103
ITALO 3 5P5 7030.060-12M			19690	131	150	20832	113
ITALO 3 5P5 7030.060-13M			21370	142	150	22568	122
ITALO 3 5P5 7030.060-14M			22990	149	154	24305	132
ITALO 3 5P5 7030.060-15M			24510	160	153	26041	141
ITALO 3 5P5 7030.100-9M		100	23990	160	149	25575	144
ITALO 3 5P5 7030.100-10M			26640	178	149	28416	160
ITALO 3 5P5 7030.100-11M			29270	199	147	31258	176
ITALO 3 5P5 7030.100-12M			31880	217	146	34100	191
ITALO 3 5P5 7030.100-13M			34500	236	146	36941	207
ITALO 3 5P5 7030.100-14M	S05		37050	250	148	39783	223
ITALO 3 5P5 7030.100-15M	S07		39450	268	147	42624	239
ITALO 3 5P5 7030.140-9M	STA	140	32580	229	142	35105	204
ITALO 3 5P5 7030.140-10M	STE-S		36070	254	142	39006	227
ITALO 3 5P5 7030.140-11M	STU-S		39600	281	140	42907	249
ITALO 3 5P5 7030.140-12M			43030	306	140	46807	272
ITALO 3 5P5 7030.140-13M			46370	332	139	50708	295
ITALO 3 5P5 7030.140-14M			49740	357	139	54608	317
ITALO 3 5P5 7030.140-15M			52970	383	138	58509	340
ITALO 3 5P5 7030.160-9M		160	36610	264	138	39713	235
ITALO 3 5P5 7030.160-10M			40440	293	138	44126	261
ITALO 3 5P5 7030.160-11M			44390	323	137	48539	287
ITALO 3 5P5 7030.160-12M			48210	352	136	52951	313
ITALO 3 5P5 7030.180-9M		180	40450	299	135	44216	266
ITALO 3 5P5 7030.180-10M			44570	332	134	49129	296
ITALO 3 5P5 7030.180-11M			48920	365	134	54042	325
ITALO 3 5P5 7030.180-12M			53100	398	133	58955	355

*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: ±7%.
 Power tolerance with ZHAGA version or power supply D4i/SR: ±10%.
 The characteristics of the product listed above are subjected to change without notice.
 Operating temperature for 9/10/11/12M versions at 180mA: -40°C/+35°C.
 When using ZHAGA or D4i power supply configurations at Ta=50°C contact AEC for feasibility evaluation.

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 2700K, 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, 2700K, lm)	RATED LED POWER* (Tj=85°C, W)
ITALO 3 5P5 7027.060-9M	STE-M STU-M STW SV	60	14470	95.9	150	14959	84.6
ITALO 3 5P5 7027.060-10M			16080	107	150	16622	94
ITALO 3 5P5 7027.060-11M			17680	120	147	18284	103
ITALO 3 5P5 7027.060-12M			19270	131	147	19946	113
ITALO 3 5P5 7027.060-13M			20920	142	147	21608	122
ITALO 3 5P5 7027.060-14M			22500	149	151	23270	132
ITALO 3 5P5 7027.060-15M		23990	160	149	24932	141	
ITALO 3 5P5 7027.100-9M		100	23490	160	146	24486	144
ITALO 3 5P5 7027.100-10M			26080	178	146	27207	160
ITALO 3 5P5 7027.100-11M			28670	199	144	29928	176
ITALO 3 5P5 7027.100-12M			31210	217	143	32648	191
ITALO 3 5P5 7027.100-13M			33780	236	143	35369	207
ITALO 3 5P5 7027.100-14M			36280	250	145	38090	223
ITALO 3 5P5 7027.100-15M		38640	268	144	40811	239	
ITALO 3 5P5 7027.140-9M		140	31910	229	139	33612	204
ITALO 3 5P5 7027.140-10M			35320	254	139	37346	227
ITALO 3 5P5 7027.140-11M			38770	281	137	41081	249
ITALO 3 5P5 7027.140-12M			42150	306	137	44815	272
ITALO 3 5P5 7027.140-13M			45410	332	136	48550	295
ITALO 3 5P5 7027.140-14M			48720	357	136	52285	317
ITALO 3 5P5 7027.140-15M		51880	383	135	56019	340	
ITALO 3 5P5 7027.160-9M		160	35850	264	135	38023	235
ITALO 3 5P5 7027.160-10M			39600	293	135	42248	261
ITALO 3 5P5 7027.160-11M			43460	323	134	46473	287
ITALO 3 5P5 7027.160-12M			47220	352	134	50698	313
ITALO 3 5P5 7027.180-9M		180	39610	299	132	42335	266
ITALO 3 5P5 7027.180-10M			43650	332	131	47039	296
ITALO 3 5P5 7027.180-11M	47890		365	131	51743	325	
ITALO 3 5P5 7027.180-12M	52010		398	130	56447	355	

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 2700K, 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, 2700K, lm)	RATED LED POWER* (Tj=85°C, W)
ITALO 3 5P5 7027.060-9M		60	14150	95.9	147	14959	84.6
ITALO 3 5P5 7027.060-10M			15720	107	146	16622	94
ITALO 3 5P5 7027.060-11M			17280	120	144	18284	103
ITALO 3 5P5 7027.060-12M			18850	131	143	19946	113
ITALO 3 5P5 7027.060-13M			20460	142	144	21608	122
ITALO 3 5P5 7027.060-14M			22010	149	147	23270	132
ITALO 3 5P5 7027.060-15M			23460	160	146	24932	141
ITALO 3 5P5 7027.100-9M		100	22970	160	143	24486	144
ITALO 3 5P5 7027.100-10M			25510	178	143	27207	160
ITALO 3 5P5 7027.100-11M			28030	199	140	29928	176
ITALO 3 5P5 7027.100-12M			30520	217	140	32648	191
ITALO 3 5P5 7027.100-13M			33030	236	139	35369	207
ITALO 3 5P5 7027.100-14M	S05		35480	250	141	38090	223
ITALO 3 5P5 7027.100-15M	S07		37770	268	140	40811	239
ITALO 3 5P5 7027.140-9M	STA	140	31190	229	136	33612	204
ITALO 3 5P5 7027.140-10M	STE-S		34530	254	135	37346	227
ITALO 3 5P5 7027.140-11M	STU-S		37920	281	134	41081	249
ITALO 3 5P5 7027.140-12M			41200	306	134	44815	272
ITALO 3 5P5 7027.140-13M			44400	332	133	48550	295
ITALO 3 5P5 7027.140-14M			47630	357	133	52285	317
ITALO 3 5P5 7027.140-15M			50720	383	132	56019	340
ITALO 3 5P5 7027.160-9M		160	35050	264	132	38023	235
ITALO 3 5P5 7027.160-10M			38720	293	132	42248	261
ITALO 3 5P5 7027.160-11M			42510	323	131	46473	287
ITALO 3 5P5 7027.160-12M			46160	352	131	50698	313
ITALO 3 5P5 7027.180-9M		180	38730	299	129	42335	266
ITALO 3 5P5 7027.180-10M			42680	332	128	47039	296
ITALO 3 5P5 7027.180-11M			46840	365	128	51743	325
ITALO 3 5P5 7027.180-12M			50850	398	127	56447	355

*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: ±7%.
 Power tolerance with ZHAGA version or power supply D4i/SR: ±10%.
 The characteristics of the product listed above are subjected to change without notice.
 Operating temperature for 9/10/11/12M versions at 180mA: -40°C/+35°C.
 When using ZHAGA or D4i power supply configurations at Ta=50°C contact AEC for feasibility evaluation.

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 2200K, 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, 2200K, lm)	RATED LED POWER* (Tj=85°C, W)
ITALO 3 5P5 7022.060-9M	STE-M STU-M STW SV	60	13020	95.9	135	13464	84.6
ITALO 3 5P5 7022.060-10M			14470	107	135	14959	94
ITALO 3 5P5 7022.060-11M			15910	120	132	16455	103
ITALO 3 5P5 7022.060-12M			17350	131	132	17951	113
ITALO 3 5P5 7022.060-13M			18830	142	132	19447	122
ITALO 3 5P5 7022.060-14M			20250	149	135	20943	132
ITALO 3 5P5 7022.060-15M		21600	160	135	22439	141	
ITALO 3 5P5 7022.100-9M		100	21140	160	132	22038	144
ITALO 3 5P5 7022.100-10M			23470	178	131	24486	160
ITALO 3 5P5 7022.100-11M			25800	199	129	26935	176
ITALO 3 5P5 7022.100-12M			28090	217	129	29384	191
ITALO 3 5P5 7022.100-13M			30400	236	128	31832	207
ITALO 3 5P5 7022.100-14M			32650	250	130	34281	223
ITALO 3 5P5 7022.100-15M		34770	268	129	36730	239	
ITALO 3 5P5 7022.140-9M		140	28710	229	125	30250	204
ITALO 3 5P5 7022.140-10M			31780	254	125	33612	227
ITALO 3 5P5 7022.140-11M			34890	281	124	36973	249
ITALO 3 5P5 7022.140-12M			37930	306	123	40334	272
ITALO 3 5P5 7022.140-13M			40860	332	123	43695	295
ITALO 3 5P5 7022.140-14M			43850	357	122	47056	317
ITALO 3 5P5 7022.140-15M		46690	383	121	50417	340	
ITALO 3 5P5 7022.160-9M		160	32270	264	122	34221	235
ITALO 3 5P5 7022.160-10M			35640	293	121	38023	261
ITALO 3 5P5 7022.160-11M			39120	323	121	41826	287
ITALO 3 5P5 7022.160-12M			42490	352	120	45628	313
ITALO 3 5P5 7022.180-9M		180	35650	299	119	38101	266
ITALO 3 5P5 7022.180-10M			39290	332	118	42335	296
ITALO 3 5P5 7022.180-11M	43100		365	118	46568	325	
ITALO 3 5P5 7022.180-12M	46810		398	117	50802	355	

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 2200K, 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, 2200K, lm)	RATED LED POWER* (Tj=85°C, W)
ITALO 3 5P5 7022.060-9M		60	12730	95.9	132	13464	84.6
ITALO 3 5P5 7022.060-10M			14150	107	132	14959	94
ITALO 3 5P5 7022.060-11M			15550	120	129	16455	103
ITALO 3 5P5 7022.060-12M			16970	131	129	17951	113
ITALO 3 5P5 7022.060-13M			18420	142	129	19447	122
ITALO 3 5P5 7022.060-14M			19810	149	132	20943	132
ITALO 3 5P5 7022.060-15M			21120	160	132	22439	141
ITALO 3 5P5 7022.100-9M		100	20670	160	129	22038	144
ITALO 3 5P5 7022.100-10M			22960	178	128	24486	160
ITALO 3 5P5 7022.100-11M			25220	199	126	26935	176
ITALO 3 5P5 7022.100-12M			27470	217	126	29384	191
ITALO 3 5P5 7022.100-13M			29730	236	125	31832	207
ITALO 3 5P5 7022.100-14M	S05		31930	250	127	34281	223
ITALO 3 5P5 7022.100-15M	S07		34000	268	126	36730	239
ITALO 3 5P5 7022.140-9M	STA	140	28070	229	122	30250	204
ITALO 3 5P5 7022.140-10M	STE-S		31080	254	122	33612	227
ITALO 3 5P5 7022.140-11M	STU-S		34130	281	121	36973	249
ITALO 3 5P5 7022.140-12M			37080	306	121	40334	272
ITALO 3 5P5 7022.140-13M			39960	332	120	43695	295
ITALO 3 5P5 7022.140-14M			42870	357	120	47056	317
ITALO 3 5P5 7022.140-15M			45640	383	119	50417	340
ITALO 3 5P5 7022.160-9M		160	31550	264	119	34221	235
ITALO 3 5P5 7022.160-10M			34850	293	118	38023	261
ITALO 3 5P5 7022.160-11M			38260	323	118	41826	287
ITALO 3 5P5 7022.160-12M			41540	352	118	45628	313
ITALO 3 5P5 7022.180-9M		180	34860	299	116	38101	266
ITALO 3 5P5 7022.180-10M			38410	332	115	42335	296
ITALO 3 5P5 7022.180-11M			42150	365	115	46568	325
ITALO 3 5P5 7022.180-12M			45760	398	114	50802	355

*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: ±7%.
 Power tolerance with ZHAGA version or power supply D4i/SR: ±10%.
 The characteristics of the product listed above are subjected to change without notice.
 Operating temperature for 9/10/11/12M versions at 180mA: -40°C/+35°C.
 When using ZHAGA or D4i power supply configurations at Ta=50°C contact AEC for feasibility evaluation.