



**ITALO 2**

**MAIN CHARACTERISTICS**

<b>Applications</b>	Street lighting.
<b>Optic</b>	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/STA1: Asymmetrical optic for wide urban road and cycle-path lighting. OP-DX/SX: Asymmetrical optic for crosswalks 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
<b>Insulation class</b>	II, I
<b>Protection degree</b>	IP66/IP67   IK09 total
<b>Dimensions</b>	See the drawing
<b>Weight</b>	max. 12,5kg
<b>Exposed surface</b>	Side: 0.067m <sup>2</sup> – Top: 0.32m <sup>2</sup>   SCx: 0.067 m <sup>2</sup>
<b>Mounting</b>	Bracket: Ø33mm ÷ Ø60mm   Ø60mm ÷ Ø76mm(optional) Post-top: Ø42mm ÷ Ø60mm   Ø60mm ÷ Ø76mm(optional)
<b>Tilt Angle</b>	Post-top: -10°/+25° (step di 5°)   Bracket: -25°/+10° (step di 5°)
<b>LED Modules</b>	Removable / Replaceable.
<b>Gear tray</b>	Tool-free opening of wiring compartment. Removable wiring plate in the field.
<b>Operating temp.</b>	-40°C / +55°C
<b>Storage temp</b>	-40°C / +80°C
<b>Main reference standards</b>	EN 60598-1, EN 60598-2-3, EN 62471, PD EPRS 003 / EN 62722-2-1 2016 EN 55015, EN 61547, EN 61000-3-2, EN-61000-3-3



**ELECTRICAL CHARACTERISTICS**

<b>Rated voltage</b>	220÷240V 50/60Hz (Standard tolerance +/-10%, other voltages and tolerances upon request)
<b>Power factor</b>	>0,95 (at full load - F, DA, DAC)
<b>On-load switch</b>	Included, with integrated cable clamp and removable without the use of tools.
<b>Mains connection</b>	For cables max section 4mm <sup>2</sup>
<b>Surge protection</b>	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
<b>SPD (optional)</b>	12kV-10kA, type 2+3, with LED signal and thermo fuse to disconnect load at the end of life.
<b>Control system (options)</b>	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).
<b>Optical unit lifetime (Tq=25°C)</b>	>100.000hr L90B10 >100.000hr L90, TM-21

**MATERIALS**

<b>Fixing</b>	Die-cast aluminum UNI EN1706 powder painted.
<b>Lower frame</b>	
<b>Upper canopy</b>	
<b>Closure hook</b>	Extruded aluminium with stainless steel spring.
<b>Optic</b>	99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)
<b>Screen</b>	Flat tempered glass, 5mm thickness high transparency.
<b>Cable gland</b>	Plastic M20x1.5 - IP68
<b>Gasket</b>	Polyurethane without joints.
<b>Colour</b>	Graphite - Cod. 01

**ITALO 2 5P5 4000K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(4000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(4000K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 5P5 7040.060-5M		8750	53,4	163	9234	47	50
ITALO 2 5P5 7040.070-5M		10130	62,2	162	10728	55,1	50
ITALO 2 5P5 7040.080-5M		11500	71	161	12206	63,3	50
ITALO 2 5P5 7040.090-5M		12830	79,7	160	13668	71,5	50
ITALO 2 5P5 7040.100-5M		14150	88,6	159	15115	79,8	50
ITALO 2 5P5 7040.120-5M		16710	107	156	17962	96,5	50
ITALO 2 5P5 7040.140-5M		19190	125	153	20748	113	50
ITALO 2 5P5 7040.160-5M		21580	144	149	23471	130	50
ITALO 2 5P5 7040.180-5M		23890	164	145	26133	148	50
ITALO 2 5P5 7040.200-5M		26130	185	141	28732	165	35
ITALO 2 5P5 7040.060-6M		10500	63,9	164	11081	56,4	50
ITALO 2 5P5 7040.070-6M		12160	74,3	163	12873	66,1	50
ITALO 2 5P5 7040.080-6M		13790	84,8	162	14647	75,9	50
ITALO 2 5P5 7040.090-6M		15390	95,4	161	16402	85,8	50
ITALO 2 5P5 7040.100-6M		16960	106	160	18138	95,7	50
ITALO 2 5P5 7040.120-6M		20010	128	156	21555	116	50
ITALO 2 5P5 7040.140-6M		22940	150	152	24897	136	50
ITALO 2 5P5 7040.160-6M	STA	25760	173	148	28165	157	50
ITALO 2 5P5 7040.180-6M	STA1	28480	197	144	31359	177	50
ITALO 2 5P5 7040.200-6M	STU-S	31090	223	139	34478	198	35
ITALO 2 5P5 7040.060-7M	S05	12300	74,4	165	12928	65,8	50
ITALO 2 5P5 7040.070-7M	S07	14250	87	163	15019	77,2	50
ITALO 2 5P5 7040.080-7M	STE-S	16140	99,6	162	17088	88,6	50
ITALO 2 5P5 7040.090-7M		17990	112	160	19135	100	50
ITALO 2 5P5 7040.100-7M		19780	125	158	21161	112	50
ITALO 2 5P5 7040.120-7M		23240	151	153	25147	135	50
ITALO 2 5P5 7040.140-7M		26560	177	150	29047	159	50
ITALO 2 5P5 7040.160-7M		29760	204	145	32860	183	50
ITALO 2 5P5 7040.180-7M		32880	231	142	36586	207	35
ITALO 2 5P5 7040.200-7M		35940	259	138	40225	231	35
ITALO 2 5P5 7040.060-8M		14080	86,5	162	14775	75,2	50
ITALO 2 5P5 7040.070-8M		16300	100	163	17164	88,2	50
ITALO 2 5P5 7040.080-8M		18450	114	161	19529	101	50
ITALO 2 5P5 7040.090-8M		20530	128	160	21869	114	50
ITALO 2 5P5 7040.100-8M		22550	142	158	24184	128	50
ITALO 2 5P5 7040.120-8M		26430	171	154	28740	154	50
ITALO 2 5P5 7040.140-8M		30130	200	150	33197	181	50
ITALO 2 5P5 7040.160-8M		33710	231	145	37554	209	50
ITALO 2 5P5 7040.180-8M		37210	263	141	41812	236	35
ITALO 2 5P5 7040.200-8M		40690	297	137	45971	264	35
ITALO 2 5P5 7040.060-5M		8960	53,4	167	9234	47	50
ITALO 2 5P5 7040.070-5M		10380	62,2	166	10728	55,1	50
ITALO 2 5P5 7040.080-5M		11770	71	165	12206	63,3	50
ITALO 2 5P5 7040.090-5M		13140	79,7	164	13668	71,5	50
ITALO 2 5P5 7040.100-5M		14480	88,6	163	15115	79,8	50
ITALO 2 5P5 7040.120-5M		17090	107	159	17962	96,5	50
ITALO 2 5P5 7040.140-5M		19620	125	156	20748	113	50
ITALO 2 5P5 7040.160-5M		22060	144	153	23471	130	50
ITALO 2 5P5 7040.180-5M		24430	164	148	26133	148	50
ITALO 2 5P5 7040.200-5M		26730	185	144	28732	165	35
ITALO 2 5P5 7040.060-6M		10750	63,9	168	11081	56,4	50
ITALO 2 5P5 7040.070-6M		12450	74,3	167	12873	66,1	50
ITALO 2 5P5 7040.080-6M		14120	84,8	166	14647	75,9	50
ITALO 2 5P5 7040.090-6M	SV	15760	95,4	165	16402	85,8	50
ITALO 2 5P5 7040.100-6M	STU-M	17360	106	163	18138	95,7	50
ITALO 2 5P5 7040.120-6M	STE-M	20470	128	159	21555	116	50
ITALO 2 5P5 7040.140-6M	STW	23460	150	156	24897	136	50
ITALO 2 5P5 7040.160-6M		26340	173	152	28165	157	50
ITALO 2 5P5 7040.180-6M		29120	197	147	31359	177	50
ITALO 2 5P5 7040.200-6M		31800	223	142	34478	198	35
ITALO 2 5P5 7040.060-7M		12590	74,4	169	12928	65,8	50
ITALO 2 5P5 7040.070-7M		14580	87	167	15019	77,2	50
ITALO 2 5P5 7040.080-7M		16510	99,6	165	17088	88,6	50
ITALO 2 5P5 7040.090-7M		18390	112	164	19135	100	50
ITALO 2 5P5 7040.100-7M		20230	125	161	21161	112	50
ITALO 2 5P5 7040.120-7M		23770	151	157	25147	135	50
ITALO 2 5P5 7040.140-7M		27170	177	153	29047	159	50
ITALO 2 5P5 7040.160-7M		30450	204	149	32860	183	50
ITALO 2 5P5 7040.180-7M		33630	231	145	36586	207	35
ITALO 2 5P5 7040.200-7M		36750	259	141	40225	231	35

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(4000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(4000K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 5P5 7040.060-8M		14390	86,5	166	14775	75,2	50
ITALO 2 5P5 7040.070-8M		16660	100	166	17164	88,2	50
ITALO 2 5P5 7040.080-8M		18860	114	165	19529	101	50
ITALO 2 5P5 7040.090-8M		20990	128	163	21869	114	50
ITALO 2 5P5 7040.100-8M		23050	142	162	24184	128	50
ITALO 2 5P5 7040.120-8M		27020	171	158	28740	154	50
ITALO 2 5P5 7040.140-8M		30810	200	154	33197	181	50
ITALO 2 5P5 7040.160-8M		34470	231	149	37554	209	50
ITALO 2 5P5 7040.180-8M		38060	263	144	41812	236	35
ITALO 2 5P5 7040.200-8M		41610	297	140	45971	264	35
ITALO 2 5P5 7040.060-5M		8650	53,4	161	9234	47	50
ITALO 2 5P5 7040.070-5M		10020	62,2	161	10728	55,1	50
ITALO 2 5P5 7040.080-5M		11370	71	160	12206	63,3	50
ITALO 2 5P5 7040.090-5M		12690	79,7	159	13668	71,5	50
ITALO 2 5P5 7040.100-5M		13990	88,6	157	15115	79,8	50
ITALO 2 5P5 7040.120-5M		16520	107	154	17962	96,5	50
ITALO 2 5P5 7040.140-5M		18970	125	151	20748	113	50
ITALO 2 5P5 7040.160-5M		21330	144	148	23471	130	50
ITALO 2 5P5 7040.180-5M		23620	164	144	26133	148	35
ITALO 2 5P5 7040.200-5M		25830	185	139	28732	165	35
ITALO 2 5P5 7040.060-6M		10380	63,9	162	11081	56,4	50
ITALO 2 5P5 7040.070-6M		12020	74,3	161	12873	66,1	50
ITALO 2 5P5 7040.080-6M		13640	84,8	160	14647	75,9	50
ITALO 2 5P5 7040.090-6M		15220	95,4	159	16402	85,8	50
ITALO 2 5P5 7040.100-6M		16770	106	158	18138	95,7	50
ITALO 2 5P5 7040.120-6M		19780	128	154	21555	116	50
ITALO 2 5P5 7040.140-6M		22680	150	151	24897	136	50
ITALO 2 5P5 7040.160-6M		25470	173	147	28165	157	50
ITALO 2 5P5 7040.180-6M	OP-DX	28150	197	142	31359	177	35
ITALO 2 5P5 7040.200-6M	OP-SX	30740	223	137	34478	198	35
ITALO 2 5P5 7040.060-7M		12160	74,4	163	12928	65,8	50
ITALO 2 5P5 7040.070-7M		14080	87	161	15019	77,2	50
ITALO 2 5P5 7040.080-7M		15950	99,6	160	17088	88,6	50
ITALO 2 5P5 7040.090-7M		17770	112	158	19135	100	50
ITALO 2 5P5 7040.100-7M		19550	125	156	21161	112	50
ITALO 2 5P5 7040.120-7M		22980	151	152	25147	135	50
ITALO 2 5P5 7040.140-7M		26260	177	148	29047	159	50
ITALO 2 5P5 7040.160-7M		29430	204	144	32860	183	35
ITALO 2 5P5 7040.180-7M		32510	231	140	36586	207	35
ITALO 2 5P5 7040.060-8M		13910	86,5	160	14775	75,2	50
ITALO 2 5P5 7040.070-8M		16110	100	161	17164	88,2	50
ITALO 2 5P5 7040.080-8M		18240	114	160	19529	101	50
ITALO 2 5P5 7040.090-8M		20290	128	158	21869	114	50
ITALO 2 5P5 7040.100-8M		22290	142	156	24184	128	50
ITALO 2 5P5 7040.120-8M		26130	171	152	28740	154	50
ITALO 2 5P5 7040.140-8M		29790	200	148	33197	181	50
ITALO 2 5P5 7040.160-8M		33330	231	144	37554	209	35
ITALO 2 5P5 7040.180-8M		36790	263	139	41812	236	35

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac, F/DA/DAC.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. Tj=85°C.

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%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

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

**ITALO 2 5P5 3000K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(3000K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 5P5 7030.060-5M		8220	53,4	153	9234	47	50
ITALO 2 5P5 7030.070-5M		9530	62,2	153	10728	55,1	50
ITALO 2 5P5 7030.080-5M		10810	71	152	12206	63,3	50
ITALO 2 5P5 7030.090-5M		12060	79,7	151	13668	71,5	50
ITALO 2 5P5 7030.100-5M		13300	88,6	150	15115	79,8	50
ITALO 2 5P5 7030.120-5M		15710	107	146	17962	96,5	50
ITALO 2 5P5 7030.140-5M		18040	125	144	20748	113	50
ITALO 2 5P5 7030.160-5M		20290	144	140	23471	130	50
ITALO 2 5P5 7030.180-5M		22460	164	136	26133	148	50
ITALO 2 5P5 7030.200-5M		24560	185	132	28732	165	35
ITALO 2 5P5 7030.060-6M		9870	63,9	154	11081	56,4	50
ITALO 2 5P5 7030.070-6M		11430	74,3	153	12873	66,1	50
ITALO 2 5P5 7030.080-6M		12960	84,8	152	14647	75,9	50
ITALO 2 5P5 7030.090-6M		14470	95,4	151	16402	85,8	50
ITALO 2 5P5 7030.100-6M		15940	106	150	18138	95,7	50
ITALO 2 5P5 7030.120-6M		18810	128	146	21555	116	50
ITALO 2 5P5 7030.140-6M		21560	150	143	24897	136	50
ITALO 2 5P5 7030.160-6M	STA	24220	173	140	28165	157	50
ITALO 2 5P5 7030.180-6M	STA1	26770	197	135	31359	177	50
ITALO 2 5P5 7030.200-6M	STU-S	29220	223	131	34478	198	35
ITALO 2 5P5 7030.060-7M	S05	11570	74,4	155	12928	65,8	50
ITALO 2 5P5 7030.070-7M	S07	13400	87	154	15019	77,2	50
ITALO 2 5P5 7030.080-7M	STE-S	15170	99,6	152	17088	88,6	50
ITALO 2 5P5 7030.090-7M		16910	112	150	19135	100	50
ITALO 2 5P5 7030.100-7M		18590	125	148	21161	112	50
ITALO 2 5P5 7030.120-7M		21850	151	144	25147	135	50
ITALO 2 5P5 7030.140-7M		24970	177	141	29047	159	50
ITALO 2 5P5 7030.160-7M		27980	204	137	32860	183	50
ITALO 2 5P5 7030.180-7M		30910	231	133	36586	207	35
ITALO 2 5P5 7030.200-7M		33780	259	130	40225	231	35
ITALO 2 5P5 7030.060-8M		13240	86,5	153	14775	75,2	50
ITALO 2 5P5 7030.070-8M		15320	100	153	17164	88,2	50
ITALO 2 5P5 7030.080-8M		17340	114	152	19529	101	50
ITALO 2 5P5 7030.090-8M		19300	128	150	21869	114	50
ITALO 2 5P5 7030.100-8M		21200	142	149	24184	128	50
ITALO 2 5P5 7030.120-8M		24840	171	145	28740	154	50
ITALO 2 5P5 7030.140-8M		28320	200	141	33197	181	50
ITALO 2 5P5 7030.160-8M		31690	231	137	37554	209	50
ITALO 2 5P5 7030.180-8M		34980	263	133	41812	236	35
ITALO 2 5P5 7030.200-8M		38250	297	128	45971	264	35
ITALO 2 5P5 7030.060-5M		8420	53,4	157	9234	47	50
ITALO 2 5P5 7030.070-5M		9760	62,2	156	10728	55,1	50
ITALO 2 5P5 7030.080-5M		11060	71	155	12206	63,3	50
ITALO 2 5P5 7030.090-5M		12350	79,7	154	13668	71,5	50
ITALO 2 5P5 7030.100-5M		13610	88,6	153	15115	79,8	50
ITALO 2 5P5 7030.120-5M		16070	107	150	17962	96,5	50
ITALO 2 5P5 7030.140-5M		18440	125	147	20748	113	50
ITALO 2 5P5 7030.160-5M		20740	144	144	23471	130	50
ITALO 2 5P5 7030.180-5M		22970	164	140	26133	148	50
ITALO 2 5P5 7030.200-5M		25130	185	135	28732	165	35
ITALO 2 5P5 7030.060-6M		10100	63,9	158	11081	56,4	50
ITALO 2 5P5 7030.070-6M		11710	74,3	157	12873	66,1	50
ITALO 2 5P5 7030.080-6M		13280	84,8	156	14647	75,9	50
ITALO 2 5P5 7030.090-6M	SV	14810	95,4	155	16402	85,8	50
ITALO 2 5P5 7030.100-6M	STU-M	16320	106	153	18138	95,7	50
ITALO 2 5P5 7030.120-6M	STE-M	19240	128	150	21555	116	50
ITALO 2 5P5 7030.140-6M	STW	22050	150	147	24897	136	50
ITALO 2 5P5 7030.160-6M		24760	173	143	28165	157	50
ITALO 2 5P5 7030.180-6M		27370	197	138	31359	177	50
ITALO 2 5P5 7030.200-6M		29890	223	134	34478	198	35
ITALO 2 5P5 7030.060-7M		11830	74,4	159	12928	65,8	50
ITALO 2 5P5 7030.070-7M		13700	87	157	15019	77,2	50
ITALO 2 5P5 7030.080-7M		15520	99,6	155	17088	88,6	50
ITALO 2 5P5 7030.090-7M		17290	112	154	19135	100	50
ITALO 2 5P5 7030.100-7M		19020	125	152	21161	112	50
ITALO 2 5P5 7030.120-7M		22350	151	148	25147	135	50
ITALO 2 5P5 7030.140-7M		25540	177	144	29047	159	50
ITALO 2 5P5 7030.160-7M		28620	204	140	32860	183	50
ITALO 2 5P5 7030.180-7M		31610	231	136	36586	207	35
ITALO 2 5P5 7030.200-7M		34550	259	133	40225	231	35

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(3000K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 5P5 7030.060-8M		13530	86,5	156	14775	75,2	50
ITALO 2 5P5 7030.070-8M		15660	100	156	17164	88,2	50
ITALO 2 5P5 7030.080-8M		17730	114	155	19529	101	50
ITALO 2 5P5 7030.090-8M		19730	128	154	21869	114	50
ITALO 2 5P5 7030.100-8M		21670	142	152	24184	128	50
ITALO 2 5P5 7030.120-8M		25400	171	148	28740	154	50
ITALO 2 5P5 7030.140-8M		28960	200	144	33197	181	50
ITALO 2 5P5 7030.160-8M		32410	231	140	37554	209	50
ITALO 2 5P5 7030.180-8M		35770	263	136	41812	236	35
ITALO 2 5P5 7030.200-8M		39110	297	131	45971	264	35
ITALO 2 5P5 7030.060-5M		8130	53,4	152	9234	47	50
ITALO 2 5P5 7030.070-5M		9420	62,2	151	10728	55,1	50
ITALO 2 5P5 7030.080-5M		10680	71	150	12206	63,3	50
ITALO 2 5P5 7030.090-5M		11930	79,7	149	13668	71,5	50
ITALO 2 5P5 7030.100-5M		13150	88,6	148	15115	79,8	50
ITALO 2 5P5 7030.120-5M		15530	107	145	17962	96,5	50
ITALO 2 5P5 7030.140-5M		17830	125	142	20748	113	50
ITALO 2 5P5 7030.160-5M		20050	144	139	23471	130	50
ITALO 2 5P5 7030.180-5M		22200	164	135	26133	148	35
ITALO 2 5P5 7030.200-5M		24280	185	131	28732	165	35
ITALO 2 5P5 7030.060-6M		9760	63,9	152	11081	56,4	50
ITALO 2 5P5 7030.070-6M		11300	74,3	152	12873	66,1	50
ITALO 2 5P5 7030.080-6M		12820	84,8	151	14647	75,9	50
ITALO 2 5P5 7030.090-6M		14310	95,4	150	16402	85,8	50
ITALO 2 5P5 7030.100-6M		15760	106	148	18138	95,7	50
ITALO 2 5P5 7030.120-6M		18600	128	145	21555	116	50
ITALO 2 5P5 7030.140-6M		21320	150	142	24897	136	50
ITALO 2 5P5 7030.160-6M		23940	173	138	28165	157	50
ITALO 2 5P5 7030.180-6M	OP-DX	26460	197	134	31359	177	35
ITALO 2 5P5 7030.200-6M	OP-SX	28900	223	129	34478	198	35
ITALO 2 5P5 7030.060-7M		11430	74,4	153	12928	65,8	50
ITALO 2 5P5 7030.070-7M		13240	87	152	15019	77,2	50
ITALO 2 5P5 7030.080-7M		15000	99,6	150	17088	88,6	50
ITALO 2 5P5 7030.090-7M		16710	112	149	19135	100	50
ITALO 2 5P5 7030.100-7M		18380	125	147	21161	112	50
ITALO 2 5P5 7030.120-7M		21600	151	143	25147	135	50
ITALO 2 5P5 7030.140-7M		24680	177	139	29047	159	50
ITALO 2 5P5 7030.160-7M		27660	204	135	32860	183	35
ITALO 2 5P5 7030.180-7M		30560	231	132	36586	207	35
ITALO 2 5P5 7030.060-8M		13080	86,5	151	14775	75,2	50
ITALO 2 5P5 7030.070-8M		15140	100	151	17164	88,2	50
ITALO 2 5P5 7030.080-8M		17140	114	150	19529	101	50
ITALO 2 5P5 7030.090-8M		19080	128	149	21869	114	50
ITALO 2 5P5 7030.100-8M		20950	142	147	24184	128	50
ITALO 2 5P5 7030.120-8M		24560	171	143	28740	154	50
ITALO 2 5P5 7030.140-8M		28000	200	140	33197	181	50
ITALO 2 5P5 7030.160-8M		31330	231	135	37554	209	35
ITALO 2 5P5 7030.180-8M		34590	263	131	41812	236	35

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac, F/DA/DAC.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. Tj=85°C.

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%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

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

**ITALO 2 5P5 2700K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(2700K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(2700K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 5P5 7027.060-5M		7870	53,4	147	9234	47	50
ITALO 2 5P5 7027.070-5M		9120	62,2	146	10728	55,1	50
ITALO 2 5P5 7027.080-5M		10350	71	145	12206	63,3	50
ITALO 2 5P5 7027.090-5M		11550	79,7	144	13668	71,5	50
ITALO 2 5P5 7027.100-5M		12740	88,6	143	15115	79,8	50
ITALO 2 5P5 7027.120-5M		15040	107	140	17962	96,5	50
ITALO 2 5P5 7027.140-5M		17270	125	138	20748	113	50
ITALO 2 5P5 7027.160-5M		19420	144	134	23471	130	50
ITALO 2 5P5 7027.180-5M		21510	164	131	26133	148	50
ITALO 2 5P5 7027.200-5M		23520	185	127	28732	165	35
ITALO 2 5P5 7027.060-6M		9450	63,9	147	11081	56,4	50
ITALO 2 5P5 7027.070-6M		10940	74,3	147	12873	66,1	50
ITALO 2 5P5 7027.080-6M		12410	84,8	146	14647	75,9	50
ITALO 2 5P5 7027.090-6M		13850	95,4	145	16402	85,8	50
ITALO 2 5P5 7027.100-6M		15260	106	143	18138	95,7	50
ITALO 2 5P5 7027.120-6M		18010	128	140	21555	116	50
ITALO 2 5P5 7027.140-6M		20650	150	137	24897	136	50
ITALO 2 5P5 7027.160-6M	STA	23180	173	133	28165	157	50
ITALO 2 5P5 7027.180-6M	STA1	25630	197	130	31359	177	50
ITALO 2 5P5 7027.200-6M	STU-S	27980	223	125	34478	198	35
ITALO 2 5P5 7027.060-7M	S05	11070	74,4	148	12928	65,8	50
ITALO 2 5P5 7027.070-7M	S07	12830	87	147	15019	77,2	50
ITALO 2 5P5 7027.080-7M	STE-S	14530	99,6	145	17088	88,6	50
ITALO 2 5P5 7027.090-7M		16190	112	144	19135	100	50
ITALO 2 5P5 7027.100-7M		17800	125	142	21161	112	50
ITALO 2 5P5 7027.120-7M		20920	151	138	25147	135	50
ITALO 2 5P5 7027.140-7M		23900	177	135	29047	159	50
ITALO 2 5P5 7027.160-7M		26790	204	131	32860	183	50
ITALO 2 5P5 7027.180-7M		29590	231	128	36586	207	35
ITALO 2 5P5 7027.200-7M		32350	259	124	40225	231	35
ITALO 2 5P5 7027.060-8M		12670	86,5	146	14775	75,2	50
ITALO 2 5P5 7027.070-8M		14670	100	146	17164	88,2	50
ITALO 2 5P5 7027.080-8M		16610	114	145	19529	101	50
ITALO 2 5P5 7027.090-8M		18480	128	144	21869	114	50
ITALO 2 5P5 7027.100-8M		20300	142	142	24184	128	50
ITALO 2 5P5 7027.120-8M		23780	171	139	28740	154	50
ITALO 2 5P5 7027.140-8M		27120	200	135	33197	181	50
ITALO 2 5P5 7027.160-8M		30340	231	131	37554	209	50
ITALO 2 5P5 7027.180-8M		33490	263	127	41812	236	35
ITALO 2 5P5 7027.200-8M		36620	297	123	45971	264	35
ITALO 2 5P5 7027.060-5M		8060	53,4	150	9234	47	50
ITALO 2 5P5 7027.070-5M		9340	62,2	150	10728	55,1	50
ITALO 2 5P5 7027.080-5M		10590	71	149	12206	63,3	50
ITALO 2 5P5 7027.090-5M		11820	79,7	148	13668	71,5	50
ITALO 2 5P5 7027.100-5M		13030	88,6	147	15115	79,8	50
ITALO 2 5P5 7027.120-5M		15380	107	143	17962	96,5	50
ITALO 2 5P5 7027.140-5M		17660	125	141	20748	113	50
ITALO 2 5P5 7027.160-5M		19860	144	137	23471	130	50
ITALO 2 5P5 7027.180-5M		21990	164	134	26133	148	50
ITALO 2 5P5 7027.200-5M		24060	185	130	28732	165	35
ITALO 2 5P5 7027.060-6M		9670	63,9	151	11081	56,4	50
ITALO 2 5P5 7027.070-6M		11210	74,3	150	12873	66,1	50
ITALO 2 5P5 7027.080-6M		12710	84,8	149	14647	75,9	50
ITALO 2 5P5 7027.090-6M	SV	14180	95,4	148	16402	85,8	50
ITALO 2 5P5 7027.100-6M	STU-M	15620	106	147	18138	95,7	50
ITALO 2 5P5 7027.120-6M	STE-M	18420	128	143	21555	116	50
ITALO 2 5P5 7027.140-6M	STW	21110	150	140	24897	136	50
ITALO 2 5P5 7027.160-6M		23710	173	137	28165	157	50
ITALO 2 5P5 7027.180-6M		26210	197	133	31359	177	50
ITALO 2 5P5 7027.200-6M		28620	223	128	34478	198	35
ITALO 2 5P5 7027.060-7M		11330	74,4	152	12928	65,8	50
ITALO 2 5P5 7027.070-7M		13120	87	150	15019	77,2	50
ITALO 2 5P5 7027.080-7M		14860	99,6	149	17088	88,6	50
ITALO 2 5P5 7027.090-7M		16550	112	147	19135	100	50
ITALO 2 5P5 7027.100-7M		18210	125	145	21161	112	50
ITALO 2 5P5 7027.120-7M		21400	151	141	25147	135	50
ITALO 2 5P5 7027.140-7M		24450	177	138	29047	159	50
ITALO 2 5P5 7027.160-7M		27400	204	134	32860	183	50
ITALO 2 5P5 7027.180-7M		30270	231	131	36586	207	35
ITALO 2 5P5 7027.200-7M		33080	259	127	40225	231	35

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(2700K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(2700K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 5P5 7027.060-8M		12950	86,5	149	14775	75,2	50
ITALO 2 5P5 7027.070-8M		15000	100	150	17164	88,2	50
ITALO 2 5P5 7027.080-8M		16970	114	148	19529	101	50
ITALO 2 5P5 7027.090-8M		18890	128	147	21869	114	50
ITALO 2 5P5 7027.100-8M		20750	142	146	24184	128	50
ITALO 2 5P5 7027.120-8M		24320	171	142	28740	154	50
ITALO 2 5P5 7027.140-8M		27730	200	138	33197	181	50
ITALO 2 5P5 7027.160-8M		31030	231	134	37554	209	50
ITALO 2 5P5 7027.180-8M		34250	263	130	41812	236	35
ITALO 2 5P5 7027.200-8M		37450	297	126	45971	264	35
ITALO 2 5P5 7027.060-5M		7780	53,4	145	9234	47	50
ITALO 2 5P5 7027.070-5M		9020	62,2	145	10728	55,1	50
ITALO 2 5P5 7027.080-5M		10230	71	144	12206	63,3	50
ITALO 2 5P5 7027.090-5M		11420	79,7	143	13668	71,5	50
ITALO 2 5P5 7027.100-5M		12590	88,6	142	15115	79,8	50
ITALO 2 5P5 7027.120-5M		14870	107	138	17962	96,5	50
ITALO 2 5P5 7027.140-5M		17070	125	136	20748	113	50
ITALO 2 5P5 7027.160-5M		19200	144	133	23471	130	50
ITALO 2 5P5 7027.180-5M		21260	164	129	26133	148	35
ITALO 2 5P5 7027.200-5M		23250	185	125	28732	165	35
ITALO 2 5P5 7027.060-6M		9340	63,9	146	11081	56,4	50
ITALO 2 5P5 7027.070-6M		10820	74,3	145	12873	66,1	50
ITALO 2 5P5 7027.080-6M		12270	84,8	144	14647	75,9	50
ITALO 2 5P5 7027.090-6M		13700	95,4	143	16402	85,8	50
ITALO 2 5P5 7027.100-6M		15090	106	142	18138	95,7	50
ITALO 2 5P5 7027.120-6M		17800	128	139	21555	116	50
ITALO 2 5P5 7027.140-6M		20410	150	136	24897	136	50
ITALO 2 5P5 7027.160-6M		22920	173	132	28165	157	50
ITALO 2 5P5 7027.180-6M	OP-DX	25340	197	128	31359	177	35
ITALO 2 5P5 7027.200-6M	OP-SX	27670	223	124	34478	198	35
ITALO 2 5P5 7027.060-7M		10940	74,4	147	12928	65,8	50
ITALO 2 5P5 7027.070-7M		12670	87	145	15019	77,2	50
ITALO 2 5P5 7027.080-7M		14360	99,6	144	17088	88,6	50
ITALO 2 5P5 7027.090-7M		16000	112	142	19135	100	50
ITALO 2 5P5 7027.100-7M		17600	125	140	21161	112	50
ITALO 2 5P5 7027.120-7M		20680	151	136	25147	135	50
ITALO 2 5P5 7027.140-7M		23630	177	133	29047	159	50
ITALO 2 5P5 7027.160-7M		26490	204	129	32860	183	35
ITALO 2 5P5 7027.180-7M		29260	231	126	36586	207	35
ITALO 2 5P5 7027.060-8M		12520	86,5	144	14775	75,2	50
ITALO 2 5P5 7027.070-8M		14500	100	145	17164	88,2	50
ITALO 2 5P5 7027.080-8M		16410	114	143	19529	101	50
ITALO 2 5P5 7027.090-8M		18260	128	142	21869	114	50
ITALO 2 5P5 7027.100-8M		20060	142	141	24184	128	50
ITALO 2 5P5 7027.120-8M		23510	171	137	28740	154	50
ITALO 2 5P5 7027.140-8M		26810	200	134	33197	181	50
ITALO 2 5P5 7027.160-8M		30000	231	129	37554	209	35
ITALO 2 5P5 7027.180-8M		33120	263	125	41812	236	35

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac, F/DA/DAC.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. Tj=85°C.

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%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

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

**ITALO 2 5P5 2200K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(2200K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(2200K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 5P5 7022.060-5M		7080	53,4	132	9234	47	50
ITALO 2 5P5 7022.070-5M		8210	62,2	131	10728	55,1	50
ITALO 2 5P5 7022.080-5M		9310	71	131	12206	63,3	50
ITALO 2 5P5 7022.090-5M		10400	79,7	130	13668	71,5	50
ITALO 2 5P5 7022.100-5M		11460	88,6	129	15115	79,8	50
ITALO 2 5P5 7022.120-5M		13540	107	126	17962	96,5	50
ITALO 2 5P5 7022.140-5M		15540	125	124	20748	113	50
ITALO 2 5P5 7022.160-5M		17480	144	121	23471	130	50
ITALO 2 5P5 7022.180-5M		19350	164	117	26133	148	50
ITALO 2 5P5 7022.200-5M		21170	185	114	28732	165	35
ITALO 2 5P5 7022.060-6M		8500	63,9	133	11081	56,4	50
ITALO 2 5P5 7022.070-6M		9850	74,3	132	12873	66,1	50
ITALO 2 5P5 7022.080-6M		11170	84,8	131	14647	75,9	50
ITALO 2 5P5 7022.090-6M		12470	95,4	130	16402	85,8	50
ITALO 2 5P5 7022.100-6M		13740	106	129	18138	95,7	50
ITALO 2 5P5 7022.120-6M		16210	128	126	21555	116	50
ITALO 2 5P5 7022.140-6M		18580	150	123	24897	136	50
ITALO 2 5P5 7022.160-6M	STA	20870	173	120	28165	157	50
ITALO 2 5P5 7022.180-6M	STA1	23070	197	117	31359	177	50
ITALO 2 5P5 7022.200-6M	STU-S	25180	223	112	34478	198	35
ITALO 2 5P5 7022.060-7M	S05	9970	74,4	134	12928	65,8	50
ITALO 2 5P5 7022.070-7M	S07	11540	87	132	15019	77,2	50
ITALO 2 5P5 7022.080-7M	STE-S	13080	99,6	131	17088	88,6	50
ITALO 2 5P5 7022.090-7M		14570	112	130	19135	100	50
ITALO 2 5P5 7022.100-7M		16020	125	128	21161	112	50
ITALO 2 5P5 7022.120-7M		18830	151	124	25147	135	50
ITALO 2 5P5 7022.140-7M		21510	177	121	29047	159	50
ITALO 2 5P5 7022.160-7M		24110	204	118	32860	183	50
ITALO 2 5P5 7022.180-7M		26630	231	115	36586	207	35
ITALO 2 5P5 7022.200-7M		29110	259	112	40225	231	35
ITALO 2 5P5 7022.060-8M		11410	86,5	131	14775	75,2	50
ITALO 2 5P5 7022.070-8M		13210	100	132	17164	88,2	50
ITALO 2 5P5 7022.080-8M		14950	114	131	19529	101	50
ITALO 2 5P5 7022.090-8M		16630	128	129	21869	114	50
ITALO 2 5P5 7022.100-8M		18270	142	128	24184	128	50
ITALO 2 5P5 7022.120-8M		21410	171	125	28740	154	50
ITALO 2 5P5 7022.140-8M		24410	200	122	33197	181	50
ITALO 2 5P5 7022.160-8M		27300	231	118	37554	209	50
ITALO 2 5P5 7022.180-8M		30140	263	114	41812	236	35
ITALO 2 5P5 7022.200-8M		32960	297	110	45971	264	35
ITALO 2 5P5 7022.060-5M		7260	53,4	135	9234	47	50
ITALO 2 5P5 7022.070-5M		8410	62,2	135	10728	55,1	50
ITALO 2 5P5 7022.080-5M		9530	71	134	12206	63,3	50
ITALO 2 5P5 7022.090-5M		10640	79,7	133	13668	71,5	50
ITALO 2 5P5 7022.100-5M		11730	88,6	132	15115	79,8	50
ITALO 2 5P5 7022.120-5M		13850	107	129	17962	96,5	50
ITALO 2 5P5 7022.140-5M		15890	125	127	20748	113	50
ITALO 2 5P5 7022.160-5M		17870	144	124	23471	130	50
ITALO 2 5P5 7022.180-5M		19790	164	120	26133	148	50
ITALO 2 5P5 7022.200-5M		21650	185	117	28732	165	35
ITALO 2 5P5 7022.060-6M		8710	63,9	136	11081	56,4	50
ITALO 2 5P5 7022.070-6M		10090	74,3	135	12873	66,1	50
ITALO 2 5P5 7022.080-6M		11440	84,8	134	14647	75,9	50
ITALO 2 5P5 7022.090-6M	SV	12760	95,4	133	16402	85,8	50
ITALO 2 5P5 7022.100-6M	STU-M	14060	106	132	18138	95,7	50
ITALO 2 5P5 7022.120-6M	STE-M	16580	128	129	21555	116	50
ITALO 2 5P5 7022.140-6M	STW	19000	150	126	24897	136	50
ITALO 2 5P5 7022.160-6M		21330	173	123	28165	157	50
ITALO 2 5P5 7022.180-6M		23580	197	119	31359	177	50
ITALO 2 5P5 7022.200-6M		25760	223	115	34478	198	35
ITALO 2 5P5 7022.060-7M		10190	74,4	136	12928	65,8	50
ITALO 2 5P5 7022.070-7M		11810	87	135	15019	77,2	50
ITALO 2 5P5 7022.080-7M		13370	99,6	134	17088	88,6	50
ITALO 2 5P5 7022.090-7M		14900	112	133	19135	100	50
ITALO 2 5P5 7022.100-7M		16390	125	131	21161	112	50
ITALO 2 5P5 7022.120-7M		19260	151	127	25147	135	50
ITALO 2 5P5 7022.140-7M		22010	177	124	29047	159	50
ITALO 2 5P5 7022.160-7M		24660	204	120	32860	183	50
ITALO 2 5P5 7022.180-7M		27240	231	117	36586	207	35
ITALO 2 5P5 7022.200-7M		29770	259	114	40225	231	35



LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(2200K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(2200K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 5P5 7022.060-8M		11660	86,5	134	14775	75,2	50
ITALO 2 5P5 7022.070-8M		13500	100	135	17164	88,2	50
ITALO 2 5P5 7022.080-8M		15270	114	133	19529	101	50
ITALO 2 5P5 7022.090-8M		17000	128	132	21869	114	50
ITALO 2 5P5 7022.100-8M		18670	142	131	24184	128	50
ITALO 2 5P5 7022.120-8M		21880	171	127	28740	154	50
ITALO 2 5P5 7022.140-8M		24960	200	124	33197	181	50
ITALO 2 5P5 7022.160-8M		27920	231	120	37554	209	50
ITALO 2 5P5 7022.180-8M		30830	263	117	41812	236	35
ITALO 2 5P5 7022.200-8M		33700	297	113	45971	264	35
ITALO 2 5P5 7022.060-5M		7000	53,4	131	9234	47	50
ITALO 2 5P5 7022.070-5M		8120	62,2	130	10728	55,1	50
ITALO 2 5P5 7022.080-5M		9210	71	129	12206	63,3	50
ITALO 2 5P5 7022.090-5M		10280	79,7	128	13668	71,5	50
ITALO 2 5P5 7022.100-5M		11330	88,6	127	15115	79,8	50
ITALO 2 5P5 7022.120-5M		13380	107	125	17962	96,5	50
ITALO 2 5P5 7022.140-5M		15370	125	122	20748	113	50
ITALO 2 5P5 7022.160-5M		17280	144	120	23471	130	50
ITALO 2 5P5 7022.180-5M		19130	164	116	26133	148	35
ITALO 2 5P5 7022.200-5M		20920	185	113	28732	165	35
ITALO 2 5P5 7022.060-6M		8410	63,9	131	11081	56,4	50
ITALO 2 5P5 7022.070-6M		9740	74,3	131	12873	66,1	50
ITALO 2 5P5 7022.080-6M		11050	84,8	130	14647	75,9	50
ITALO 2 5P5 7022.090-6M		12330	95,4	129	16402	85,8	50
ITALO 2 5P5 7022.100-6M		13580	106	128	18138	95,7	50
ITALO 2 5P5 7022.120-6M		16020	128	125	21555	116	50
ITALO 2 5P5 7022.140-6M		18370	150	122	24897	136	50
ITALO 2 5P5 7022.160-6M		20630	173	119	28165	157	50
ITALO 2 5P5 7022.180-6M	OP-DX	22800	197	115	31359	177	35
ITALO 2 5P5 7022.200-6M	OP-SX	24900	223	111	34478	198	35
ITALO 2 5P5 7022.060-7M		9850	74,4	132	12928	65,8	50
ITALO 2 5P5 7022.070-7M		11410	87	131	15019	77,2	50
ITALO 2 5P5 7022.080-7M		12920	99,6	129	17088	88,6	50
ITALO 2 5P5 7022.090-7M		14400	112	128	19135	100	50
ITALO 2 5P5 7022.100-7M		15840	125	126	21161	112	50
ITALO 2 5P5 7022.120-7M		18610	151	123	25147	135	50
ITALO 2 5P5 7022.140-7M		21270	177	120	29047	159	50
ITALO 2 5P5 7022.160-7M		23840	204	116	32860	183	35
ITALO 2 5P5 7022.180-7M		26330	231	113	36586	207	35
ITALO 2 5P5 7022.060-8M		11270	86,5	130	14775	75,2	50
ITALO 2 5P5 7022.070-8M		13050	100	130	17164	88,2	50
ITALO 2 5P5 7022.080-8M		14770	114	129	19529	101	50
ITALO 2 5P5 7022.090-8M		16440	128	128	21869	114	50
ITALO 2 5P5 7022.100-8M		18050	142	127	24184	128	50
ITALO 2 5P5 7022.120-8M		21160	171	123	28740	154	50
ITALO 2 5P5 7022.140-8M		24130	200	120	33197	181	50
ITALO 2 5P5 7022.160-8M		27000	231	116	37554	209	35
ITALO 2 5P5 7022.180-8M		29800	263	113	41812	236	35

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac, F/DA/DAC.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. Tj=85°C.

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%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

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

**ITALO 2 4P4 4000K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(4000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(4000K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 4P4 7040.080-5M	S05 S07 STE-S	9200	57,2	160	9765	50,6	50
ITALO 2 4P4 7040.090-5M		10270	64,1	160	10934	57,2	50
ITALO 2 4P4 7040.100-5M		11320	71,1	159	12092	63,8	50
ITALO 2 4P4 7040.120-5M		13370	85,3	156	14370	77,2	50
ITALO 2 4P4 7040.140-5M		15350	100	153	16598	90,7	50
ITALO 2 4P4 7040.160-5M		17260	115	150	18777	104	50
ITALO 2 4P4 7040.180-5M		19110	131	145	20906	118	50
ITALO 2 4P4 7040.200-5M		20900	148	141	22986	132	35
ITALO 2 4P4 7040.080-6M		11040	68,4	161	11717	60,8	50
ITALO 2 4P4 7040.090-6M		12320	76,7	160	13121	68,6	50
ITALO 2 4P4 7040.100-6M		13570	85,1	159	14510	76,6	50
ITALO 2 4P4 7040.120-6M		16010	102	156	17244	92,6	50
ITALO 2 4P4 7040.140-6M		18350	120	152	19918	109	50
ITALO 2 4P4 7040.160-6M		20610	138	149	22532	125	50
ITALO 2 4P4 7040.180-6M		22780	158	144	25087	142	50
ITALO 2 4P4 7040.200-6M		24870	178	139	27583	159	35
ITALO 2 4P4 7040.080-7M		12910	79,7	161	13670	70,9	50
ITALO 2 4P4 7040.090-7M		14380	89,8	160	15308	80,1	50
ITALO 2 4P4 7040.100-7M		15820	100	158	16929	89,4	50
ITALO 2 4P4 7040.120-7M		18590	121	153	20118	108	50
ITALO 2 4P4 7040.140-7M		21250	142	149	23238	127	50
ITALO 2 4P4 7040.160-7M		23810	164	145	26288	146	50
ITALO 2 4P4 7040.180-7M		26310	185	142	29269	166	35
ITALO 2 4P4 7040.200-7M		28750	207	138	32180	185	35
ITALO 2 4P4 7040.080-8M		14760	92	160	15623	81	50
ITALO 2 4P4 7040.090-8M		16430	103	159	17495	91,5	50
ITALO 2 4P4 7040.100-8M		18040	114	158	19347	102	50
ITALO 2 4P4 7040.120-8M		21140	137	154	22992	123	50
ITALO 2 4P4 7040.140-8M	24100	160	150	26557	145	50	
ITALO 2 4P4 7040.160-8M	26960	185	145	30043	167	50	
ITALO 2 4P4 7040.180-8M	29770	210	141	33450	189	35	
ITALO 2 4P4 7040.200-8M	32550	238	136	36777	212	35	
ITALO 2 4P4 7040.080-5M	STA STA1 STU-S	9300	57,2	162	9765	50,6	50
ITALO 2 4P4 7040.090-5M		10380	64,1	161	10934	57,2	50
ITALO 2 4P4 7040.100-5M		11450	71,1	161	12092	63,8	50
ITALO 2 4P4 7040.120-5M		13530	85,3	158	14370	77,2	50
ITALO 2 4P4 7040.140-5M		15530	100	155	16598	90,7	50
ITALO 2 4P4 7040.160-5M		17470	115	151	18777	104	50
ITALO 2 4P4 7040.180-5M		19330	131	147	20906	118	50
ITALO 2 4P4 7040.200-5M		21140	148	142	22986	132	35
ITALO 2 4P4 7040.080-6M		11160	68,4	163	11717	60,8	50
ITALO 2 4P4 7040.090-6M		12450	76,7	162	13121	68,6	50
ITALO 2 4P4 7040.100-6M		13720	85,1	161	14510	76,6	50
ITALO 2 4P4 7040.120-6M		16190	102	158	17244	92,6	50
ITALO 2 4P4 7040.140-6M		18560	120	154	19918	109	50
ITALO 2 4P4 7040.160-6M		20840	138	151	22532	125	50
ITALO 2 4P4 7040.180-6M		23040	158	145	25087	142	50
ITALO 2 4P4 7040.200-6M		25160	178	141	27583	159	35
ITALO 2 4P4 7040.080-7M		13070	79,7	163	13670	70,9	50
ITALO 2 4P4 7040.090-7M		14560	89,8	162	15308	80,1	50
ITALO 2 4P4 7040.100-7M		16010	100	160	16929	89,4	50
ITALO 2 4P4 7040.120-7M		18810	121	155	20118	108	50
ITALO 2 4P4 7040.140-7M		21490	142	151	23238	127	50
ITALO 2 4P4 7040.160-7M		24080	164	146	26288	146	50
ITALO 2 4P4 7040.180-7M		26600	185	143	29269	166	35
ITALO 2 4P4 7040.200-7M		29080	207	140	32180	185	35
ITALO 2 4P4 7040.080-8M		14930	92	162	15623	81	50
ITALO 2 4P4 7040.090-8M		16620	103	161	17495	91,5	50
ITALO 2 4P4 7040.100-8M		18250	114	160	19347	102	50
ITALO 2 4P4 7040.120-8M		21380	137	156	22992	123	50
ITALO 2 4P4 7040.140-8M	24380	160	152	26557	145	50	
ITALO 2 4P4 7040.160-8M	27280	185	147	30043	167	50	
ITALO 2 4P4 7040.180-8M	30110	210	143	33450	189	35	
ITALO 2 4P4 7040.200-8M	32930	238	138	36777	212	35	
ITALO 2 4P4 7040.080-5M	SV STU-M STE-M STW	9510	57,2	166	9765	50,6	50
ITALO 2 4P4 7040.090-5M		10620	64,1	165	10934	57,2	50
ITALO 2 4P4 7040.100-5M		11710	71,1	164	12092	63,8	50
ITALO 2 4P4 7040.120-5M		13840	85,3	162	14370	77,2	50
ITALO 2 4P4 7040.140-5M		15890	100	158	16598	90,7	50
ITALO 2 4P4 7040.160-5M	17870	115	155	18777	104	50	

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(4000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(4000K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 4P4 7040.180-5M		19790	131	151	20906	118	50
ITALO 2 4P4 7040.200-5M		21630	148	146	22986	132	35
ITALO 2 4P4 7040.080-6M		11420	68,4	166	11717	60,8	50
ITALO 2 4P4 7040.090-6M		12740	76,7	166	13121	68,6	50
ITALO 2 4P4 7040.100-6M		14040	85,1	164	14510	76,6	50
ITALO 2 4P4 7040.120-6M		16560	102	162	17244	92,6	50
ITALO 2 4P4 7040.140-6M		18990	120	158	19918	109	50
ITALO 2 4P4 7040.160-6M		21330	138	154	22532	125	50
ITALO 2 4P4 7040.180-6M		23570	158	149	25087	142	50
ITALO 2 4P4 7040.200-6M		25740	178	144	27583	159	35
ITALO 2 4P4 7040.080-7M		13360	79,7	167	13670	70,9	50
ITALO 2 4P4 7040.090-7M		14880	89,8	165	15308	80,1	50
ITALO 2 4P4 7040.100-7M		16370	100	163	16929	89,4	50
ITALO 2 4P4 7040.120-7M		19240	121	159	20118	108	50
ITALO 2 4P4 7040.140-7M		21990	142	154	23238	127	50
ITALO 2 4P4 7040.160-7M		24640	164	150	26288	146	50
ITALO 2 4P4 7040.180-7M		27220	185	147	29269	166	35
ITALO 2 4P4 7040.200-7M		29750	207	143	32180	185	35
ITALO 2 4P4 7040.080-8M		15280	92	166	15623	81	50
ITALO 2 4P4 7040.090-8M		17000	103	165	17495	91,5	50
ITALO 2 4P4 7040.100-8M		18670	114	163	19347	102	50
ITALO 2 4P4 7040.120-8M		21880	137	159	22992	123	50
ITALO 2 4P4 7040.140-8M		24940	160	155	26557	145	50
ITALO 2 4P4 7040.160-8M		27900	185	150	30043	167	50
ITALO 2 4P4 7040.180-8M		30800	210	146	33450	189	35
ITALO 2 4P4 7040.200-8M		33680	238	141	36777	212	35

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac, F/DA/DAC.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. Tj=85°C.

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%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

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

**ITALO 2 4P4 3000K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(3000K, lm)	RATED LED POWER*(W)	Ta MAX (°C)	
ITALO 2 4P4 7030.080-5M	S05 S07 STE-S	8650	57,2	151	9765	50,6	50	
ITALO 2 4P4 7030.090-5M		9650	64,1	150	10934	57,2	50	
ITALO 2 4P4 7030.100-5M		10640	71,1	149	12092	63,8	50	
ITALO 2 4P4 7030.120-5M		12570	85,3	147	14370	77,2	50	
ITALO 2 4P4 7030.140-5M		14430	100	144	16598	90,7	50	
ITALO 2 4P4 7030.160-5M		16230	115	141	18777	104	50	
ITALO 2 4P4 7030.180-5M		17970	131	137	20906	118	50	
ITALO 2 4P4 7030.200-5M		19650	148	132	22986	132	35	
ITALO 2 4P4 7030.080-6M		10370	68,4	151	11717	60,8	50	
ITALO 2 4P4 7030.090-6M		11580	76,7	150	13121	68,6	50	
ITALO 2 4P4 7030.100-6M		12760	85,1	149	14510	76,6	50	
ITALO 2 4P4 7030.120-6M		15050	102	147	17244	92,6	50	
ITALO 2 4P4 7030.140-6M		17250	120	143	19918	109	50	
ITALO 2 4P4 7030.160-6M		19370	138	140	22532	125	50	
ITALO 2 4P4 7030.180-6M		21410	158	135	25087	142	50	
ITALO 2 4P4 7030.200-6M		23380	178	131	27583	159	35	
ITALO 2 4P4 7030.080-7M		12130	79,7	152	13670	70,9	50	
ITALO 2 4P4 7030.090-7M		13520	89,8	150	15308	80,1	50	
ITALO 2 4P4 7030.100-7M		14870	100	148	16929	89,4	50	
ITALO 2 4P4 7030.120-7M		17480	121	144	20118	108	50	
ITALO 2 4P4 7030.140-7M		19980	142	140	23238	127	50	
ITALO 2 4P4 7030.160-7M		22380	164	136	26288	146	50	
ITALO 2 4P4 7030.180-7M		24730	185	133	29269	166	35	
ITALO 2 4P4 7030.200-7M		27030	207	130	32180	185	35	
ITALO 2 4P4 7030.080-8M		13880	92	150	15623	81	50	
ITALO 2 4P4 7030.090-8M		15440	103	149	17495	91,5	50	
ITALO 2 4P4 7030.100-8M		16960	114	148	19347	102	50	
ITALO 2 4P4 7030.120-8M		19870	137	145	22992	123	50	
ITALO 2 4P4 7030.140-8M		22650	160	141	26557	145	50	
ITALO 2 4P4 7030.160-8M		25340	185	136	30043	167	50	
ITALO 2 4P4 7030.180-8M		27980	210	133	33450	189	35	
ITALO 2 4P4 7030.200-8M		30600	238	128	36777	212	35	
ITALO 2 4P4 7030.080-5M		STA STA1 STU-S	8740	57,2	152	9765	50,6	50
ITALO 2 4P4 7030.090-5M			9760	64,1	152	10934	57,2	50
ITALO 2 4P4 7030.100-5M			10760	71,1	151	12092	63,8	50
ITALO 2 4P4 7030.120-5M			12710	85,3	149	14370	77,2	50
ITALO 2 4P4 7030.140-5M			14600	100	146	16598	90,7	50
ITALO 2 4P4 7030.160-5M			16420	115	142	18777	104	50
ITALO 2 4P4 7030.180-5M			18170	131	138	20906	118	50
ITALO 2 4P4 7030.200-5M			19870	148	134	22986	132	35
ITALO 2 4P4 7030.080-6M	10490		68,4	153	11717	60,8	50	
ITALO 2 4P4 7030.090-6M	11700		76,7	152	13121	68,6	50	
ITALO 2 4P4 7030.100-6M	12900		85,1	151	14510	76,6	50	
ITALO 2 4P4 7030.120-6M	15220		102	149	17244	92,6	50	
ITALO 2 4P4 7030.140-6M	17450		120	145	19918	109	50	
ITALO 2 4P4 7030.160-6M	19590		138	141	22532	125	50	
ITALO 2 4P4 7030.180-6M	21660		158	137	25087	142	50	
ITALO 2 4P4 7030.200-6M	23650		178	132	27583	159	35	
ITALO 2 4P4 7030.080-7M	12280		79,7	154	13670	70,9	50	
ITALO 2 4P4 7030.090-7M	13690		89,8	152	15308	80,1	50	
ITALO 2 4P4 7030.100-7M	15050		100	150	16929	89,4	50	
ITALO 2 4P4 7030.120-7M	17680		121	146	20118	108	50	
ITALO 2 4P4 7030.140-7M	20200		142	142	23238	127	50	
ITALO 2 4P4 7030.160-7M	22630		164	137	26288	146	50	
ITALO 2 4P4 7030.180-7M	25000		185	135	29269	166	35	
ITALO 2 4P4 7030.200-7M	27340		207	132	32180	185	35	
ITALO 2 4P4 7030.080-8M	14040		92	152	15623	81	50	
ITALO 2 4P4 7030.090-8M	15620		103	151	17495	91,5	50	
ITALO 2 4P4 7030.100-8M	17160		114	150	19347	102	50	
ITALO 2 4P4 7030.120-8M	20100		137	146	22992	123	50	
ITALO 2 4P4 7030.140-8M	22920		160	143	26557	145	50	
ITALO 2 4P4 7030.160-8M	25640		185	138	30043	167	50	
ITALO 2 4P4 7030.180-8M	28310		210	134	33450	189	35	
ITALO 2 4P4 7030.200-8M	30950		238	130	36777	212	35	
ITALO 2 4P4 7030.080-5M	SV STU-M STE-M STW		8940	57,2	156	9765	50,6	50
ITALO 2 4P4 7030.090-5M			9980	64,1	155	10934	57,2	50
ITALO 2 4P4 7030.100-5M			11010	71,1	154	12092	63,8	50
ITALO 2 4P4 7030.120-5M			13010	85,3	152	14370	77,2	50
ITALO 2 4P4 7030.140-5M			14940	100	149	16598	90,7	50
ITALO 2 4P4 7030.160-5M			16800	115	146	18777	104	50

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(3000K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(3000K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 4P4 7030.180-5M		18600	131	141	20906	118	50
ITALO 2 4P4 7030.200-5M		20330	148	137	22986	132	35
ITALO 2 4P4 7030.080-6M		10730	68,4	156	11717	60,8	50
ITALO 2 4P4 7030.090-6M		11980	76,7	156	13121	68,6	50
ITALO 2 4P4 7030.100-6M		13200	85,1	155	14510	76,6	50
ITALO 2 4P4 7030.120-6M		15570	102	152	17244	92,6	50
ITALO 2 4P4 7030.140-6M		17850	120	148	19918	109	50
ITALO 2 4P4 7030.160-6M		20050	138	145	22532	125	50
ITALO 2 4P4 7030.180-6M		22160	158	140	25087	142	50
ITALO 2 4P4 7030.200-6M		24200	178	135	27583	159	35
ITALO 2 4P4 7030.080-7M		12560	79,7	157	13670	70,9	50
ITALO 2 4P4 7030.090-7M		13990	89,8	155	15308	80,1	50
ITALO 2 4P4 7030.100-7M		15390	100	153	16929	89,4	50
ITALO 2 4P4 7030.120-7M		18090	121	149	20118	108	50
ITALO 2 4P4 7030.140-7M		20670	142	145	23238	127	50
ITALO 2 4P4 7030.160-7M		23160	164	141	26288	146	50
ITALO 2 4P4 7030.180-7M		25590	185	138	29269	166	35
ITALO 2 4P4 7030.200-7M		27970	207	135	32180	185	35
ITALO 2 4P4 7030.080-8M		14360	92	156	15623	81	50
ITALO 2 4P4 7030.090-8M		15980	103	155	17495	91,5	50
ITALO 2 4P4 7030.100-8M		17550	114	153	19347	102	50
ITALO 2 4P4 7030.120-8M		20560	137	150	22992	123	50
ITALO 2 4P4 7030.140-8M		23440	160	146	26557	145	50
ITALO 2 4P4 7030.160-8M		26230	185	141	30043	167	50
ITALO 2 4P4 7030.180-8M		28950	210	137	33450	189	35
ITALO 2 4P4 7030.200-8M		31660	238	133	36777	212	35

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac, F/DA/DAC.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. Tj=85°C.

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%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

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

**ITALO 2 4P4 2700K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(2700K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(2700K, lm)	RATED LED POWER*(W)	Ta MAX (°C)	
ITALO 2 4P4 7027.080-5M	S05 S07 STE-S	8280	57,2	144	9765	50,6	50	
ITALO 2 4P4 7027.090-5M		9240	64,1	144	10934	57,2	50	
ITALO 2 4P4 7027.100-5M		10190	71,1	143	12092	63,8	50	
ITALO 2 4P4 7027.120-5M		12030	85,3	141	14370	77,2	50	
ITALO 2 4P4 7027.140-5M		13820	100	138	16598	90,7	50	
ITALO 2 4P4 7027.160-5M		15540	115	135	18777	104	50	
ITALO 2 4P4 7027.180-5M		17200	131	131	20906	118	50	
ITALO 2 4P4 7027.200-5M		18810	148	127	22986	132	35	
ITALO 2 4P4 7027.080-6M		9930	68,4	145	11717	60,8	50	
ITALO 2 4P4 7027.090-6M		11080	76,7	144	13121	68,6	50	
ITALO 2 4P4 7027.100-6M		12210	85,1	143	14510	76,6	50	
ITALO 2 4P4 7027.120-6M		14410	102	141	17244	92,6	50	
ITALO 2 4P4 7027.140-6M		16520	120	137	19918	109	50	
ITALO 2 4P4 7027.160-6M		18540	138	134	22532	125	50	
ITALO 2 4P4 7027.180-6M		20500	158	129	25087	142	50	
ITALO 2 4P4 7027.200-6M		22380	178	125	27583	159	35	
ITALO 2 4P4 7027.080-7M		11620	79,7	145	13670	70,9	50	
ITALO 2 4P4 7027.090-7M		12940	89,8	144	15308	80,1	50	
ITALO 2 4P4 7027.100-7M		14240	100	142	16929	89,4	50	
ITALO 2 4P4 7027.120-7M		16730	121	138	20118	108	50	
ITALO 2 4P4 7027.140-7M		19130	142	134	23238	127	50	
ITALO 2 4P4 7027.160-7M		21430	164	130	26288	146	50	
ITALO 2 4P4 7027.180-7M		23680	185	128	29269	166	35	
ITALO 2 4P4 7027.200-7M		25880	207	125	32180	185	35	
ITALO 2 4P4 7027.080-8M		13290	92	144	15623	81	50	
ITALO 2 4P4 7027.090-8M		14780	103	143	17495	91,5	50	
ITALO 2 4P4 7027.100-8M		16240	114	142	19347	102	50	
ITALO 2 4P4 7027.120-8M		19030	137	138	22992	123	50	
ITALO 2 4P4 7027.140-8M		21690	160	135	26557	145	50	
ITALO 2 4P4 7027.160-8M		24270	185	131	30043	167	50	
ITALO 2 4P4 7027.180-8M		26790	210	127	33450	189	35	
ITALO 2 4P4 7027.200-8M		29300	238	123	36777	212	35	
ITALO 2 4P4 7027.080-5M		STA STA1 STU-S	8370	57,2	146	9765	50,6	50
ITALO 2 4P4 7027.090-5M			9350	64,1	145	10934	57,2	50
ITALO 2 4P4 7027.100-5M			10310	71,1	145	12092	63,8	50
ITALO 2 4P4 7027.120-5M			12170	85,3	142	14370	77,2	50
ITALO 2 4P4 7027.140-5M			13980	100	139	16598	90,7	50
ITALO 2 4P4 7027.160-5M			15720	115	136	18777	104	50
ITALO 2 4P4 7027.180-5M			17400	131	132	20906	118	50
ITALO 2 4P4 7027.200-5M			19030	148	128	22986	132	35
ITALO 2 4P4 7027.080-6M	10040		68,4	146	11717	60,8	50	
ITALO 2 4P4 7027.090-6M	11210		76,7	146	13121	68,6	50	
ITALO 2 4P4 7027.100-6M	12350		85,1	145	14510	76,6	50	
ITALO 2 4P4 7027.120-6M	14570		102	142	17244	92,6	50	
ITALO 2 4P4 7027.140-6M	16700		120	139	19918	109	50	
ITALO 2 4P4 7027.160-6M	18760		138	135	22532	125	50	
ITALO 2 4P4 7027.180-6M	20740		158	131	25087	142	50	
ITALO 2 4P4 7027.200-6M	22640		178	127	27583	159	35	
ITALO 2 4P4 7027.080-7M	11760		79,7	147	13670	70,9	50	
ITALO 2 4P4 7027.090-7M	13100		89,8	145	15308	80,1	50	
ITALO 2 4P4 7027.100-7M	14410		100	144	16929	89,4	50	
ITALO 2 4P4 7027.120-7M	16930		121	139	20118	108	50	
ITALO 2 4P4 7027.140-7M	19340		142	136	23238	127	50	
ITALO 2 4P4 7027.160-7M	21670		164	132	26288	146	50	
ITALO 2 4P4 7027.180-7M	23940		185	129	29269	166	35	
ITALO 2 4P4 7027.200-7M	26170		207	126	32180	185	35	
ITALO 2 4P4 7027.080-8M	13440		92	146	15623	81	50	
ITALO 2 4P4 7027.090-8M	14960		103	145	17495	91,5	50	
ITALO 2 4P4 7027.100-8M	16430		114	144	19347	102	50	
ITALO 2 4P4 7027.120-8M	19250		137	140	22992	123	50	
ITALO 2 4P4 7027.140-8M	21940		160	137	26557	145	50	
ITALO 2 4P4 7027.160-8M	24550		185	132	30043	167	50	
ITALO 2 4P4 7027.180-8M	27100		210	129	33450	189	35	
ITALO 2 4P4 7027.200-8M	29640		238	124	36777	212	35	
ITALO 2 4P4 7027.080-5M	SV STU-M STE-M STW		8560	57,2	149	9765	50,6	50
ITALO 2 4P4 7027.090-5M			9560	64,1	149	10934	57,2	50
ITALO 2 4P4 7027.100-5M			10540	71,1	148	12092	63,8	50
ITALO 2 4P4 7027.120-5M			12450	85,3	145	14370	77,2	50
ITALO 2 4P4 7027.140-5M			14300	100	143	16598	90,7	50
ITALO 2 4P4 7027.160-5M			16090	115	139	18777	104	50

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(2700K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(2700K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 4P4 7027.180-5M		17810	131	135	20906	118	50
ITALO 2 4P4 7027.200-5M		19470	148	131	22986	132	35
ITALO 2 4P4 7027.080-6M		10270	68,4	150	11717	60,8	50
ITALO 2 4P4 7027.090-6M		11470	76,7	149	13121	68,6	50
ITALO 2 4P4 7027.100-6M		12640	85,1	148	14510	76,6	50
ITALO 2 4P4 7027.120-6M		14910	102	146	17244	92,6	50
ITALO 2 4P4 7027.140-6M		17090	120	142	19918	109	50
ITALO 2 4P4 7027.160-6M		19190	138	139	22532	125	50
ITALO 2 4P4 7027.180-6M		21220	158	134	25087	142	50
ITALO 2 4P4 7027.200-6M		23170	178	130	27583	159	35
ITALO 2 4P4 7027.080-7M		12020	79,7	150	13670	70,9	50
ITALO 2 4P4 7027.090-7M		13390	89,8	149	15308	80,1	50
ITALO 2 4P4 7027.100-7M		14730	100	147	16929	89,4	50
ITALO 2 4P4 7027.120-7M		17320	121	143	20118	108	50
ITALO 2 4P4 7027.140-7M		19790	142	139	23238	127	50
ITALO 2 4P4 7027.160-7M		22180	164	135	26288	146	50
ITALO 2 4P4 7027.180-7M		24500	185	132	29269	166	35
ITALO 2 4P4 7027.200-7M		26780	207	129	32180	185	35
ITALO 2 4P4 7027.080-8M		13750	92	149	15623	81	50
ITALO 2 4P4 7027.090-8M		15300	103	148	17495	91,5	50
ITALO 2 4P4 7027.100-8M		16800	114	147	19347	102	50
ITALO 2 4P4 7027.120-8M		19690	137	143	22992	123	50
ITALO 2 4P4 7027.140-8M		22450	160	140	26557	145	50
ITALO 2 4P4 7027.160-8M		25110	185	135	30043	167	50
ITALO 2 4P4 7027.180-8M		27720	210	132	33450	189	35
ITALO 2 4P4 7027.200-8M		30310	238	127	36777	212	35

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac, F/DA/DAC.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. Tj=85°C.

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%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

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

**ITALO 2 4P4 2200K**

LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(2200K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(2200K, lm)	RATED LED POWER*(W)	Ta MAX (°C)	
ITALO 2 4P4 7022.080-5M	S05 S07 STE-S	7450	57,2	130	9765	50,6	50	
ITALO 2 4P4 7022.090-5M		8320	64,1	129	10934	57,2	50	
ITALO 2 4P4 7022.100-5M		9170	71,1	128	12092	63,8	50	
ITALO 2 4P4 7022.120-5M		10830	85,3	126	14370	77,2	50	
ITALO 2 4P4 7022.140-5M		12430	100	124	16598	90,7	50	
ITALO 2 4P4 7022.160-5M		13980	115	121	18777	104	50	
ITALO 2 4P4 7022.180-5M		15480	131	118	20906	118	50	
ITALO 2 4P4 7022.200-5M		16930	148	114	22986	132	35	
ITALO 2 4P4 7022.080-6M		8940	68,4	130	11717	60,8	50	
ITALO 2 4P4 7022.090-6M		9980	76,7	130	13121	68,6	50	
ITALO 2 4P4 7022.100-6M		10990	85,1	129	14510	76,6	50	
ITALO 2 4P4 7022.120-6M		12970	102	127	17244	92,6	50	
ITALO 2 4P4 7022.140-6M		14860	120	123	19918	109	50	
ITALO 2 4P4 7022.160-6M		16690	138	120	22532	125	50	
ITALO 2 4P4 7022.180-6M		18450	158	116	25087	142	50	
ITALO 2 4P4 7022.200-6M		20140	178	113	27583	159	35	
ITALO 2 4P4 7022.080-7M		10460	79,7	131	13670	70,9	50	
ITALO 2 4P4 7022.090-7M		11650	89,8	129	15308	80,1	50	
ITALO 2 4P4 7022.100-7M		12810	100	128	16929	89,4	50	
ITALO 2 4P4 7022.120-7M		15060	121	124	20118	108	50	
ITALO 2 4P4 7022.140-7M		17210	142	121	23238	127	50	
ITALO 2 4P4 7022.160-7M		19290	164	117	26288	146	50	
ITALO 2 4P4 7022.180-7M		21310	185	115	29269	166	35	
ITALO 2 4P4 7022.200-7M		23290	207	112	32180	185	35	
ITALO 2 4P4 7022.080-8M		11960	92	130	15623	81	50	
ITALO 2 4P4 7022.090-8M		13300	103	129	17495	91,5	50	
ITALO 2 4P4 7022.100-8M		14610	114	128	19347	102	50	
ITALO 2 4P4 7022.120-8M		17120	137	124	22992	123	50	
ITALO 2 4P4 7022.140-8M		19520	160	122	26557	145	50	
ITALO 2 4P4 7022.160-8M		21840	185	118	30043	167	50	
ITALO 2 4P4 7022.180-8M		24110	210	114	33450	189	35	
ITALO 2 4P4 7022.200-8M		26370	238	110	36777	212	35	
ITALO 2 4P4 7022.080-5M		STA STA1 STU-S	7530	57,2	131	9765	50,6	50
ITALO 2 4P4 7022.090-5M			8410	64,1	131	10934	57,2	50
ITALO 2 4P4 7022.100-5M			9270	71,1	130	12092	63,8	50
ITALO 2 4P4 7022.120-5M			10960	85,3	128	14370	77,2	50
ITALO 2 4P4 7022.140-5M			12580	100	125	16598	90,7	50
ITALO 2 4P4 7022.160-5M			14150	115	123	18777	104	50
ITALO 2 4P4 7022.180-5M			15660	131	119	20906	118	50
ITALO 2 4P4 7022.200-5M			17120	148	115	22986	132	35
ITALO 2 4P4 7022.080-6M	9040		68,4	132	11717	60,8	50	
ITALO 2 4P4 7022.090-6M	10080		76,7	131	13121	68,6	50	
ITALO 2 4P4 7022.100-6M	11110		85,1	130	14510	76,6	50	
ITALO 2 4P4 7022.120-6M	13110		102	128	17244	92,6	50	
ITALO 2 4P4 7022.140-6M	15030		120	125	19918	109	50	
ITALO 2 4P4 7022.160-6M	16880		138	122	22532	125	50	
ITALO 2 4P4 7022.180-6M	18660		158	118	25087	142	50	
ITALO 2 4P4 7022.200-6M	20380		178	114	27583	159	35	
ITALO 2 4P4 7022.080-7M	10590		79,7	132	13670	70,9	50	
ITALO 2 4P4 7022.090-7M	11790		89,8	131	15308	80,1	50	
ITALO 2 4P4 7022.100-7M	12970		100	129	16929	89,4	50	
ITALO 2 4P4 7022.120-7M	15240		121	125	20118	108	50	
ITALO 2 4P4 7022.140-7M	17410		142	122	23238	127	50	
ITALO 2 4P4 7022.160-7M	19500		164	118	26288	146	50	
ITALO 2 4P4 7022.180-7M	21550		185	116	29269	166	35	
ITALO 2 4P4 7022.200-7M	23550		207	113	32180	185	35	
ITALO 2 4P4 7022.080-8M	12100		92	131	15623	81	50	
ITALO 2 4P4 7022.090-8M	13460		103	130	17495	91,5	50	
ITALO 2 4P4 7022.100-8M	14780		114	129	19347	102	50	
ITALO 2 4P4 7022.120-8M	17320		137	126	22992	123	50	
ITALO 2 4P4 7022.140-8M	19750		160	123	26557	145	50	
ITALO 2 4P4 7022.160-8M	22090		185	119	30043	167	50	
ITALO 2 4P4 7022.180-8M	24390		210	116	33450	189	35	
ITALO 2 4P4 7022.200-8M	26670		238	112	36777	212	35	
ITALO 2 4P4 7022.080-5M	SV STU-M STE-M STW		7700	57,2	134	9765	50,6	50
ITALO 2 4P4 7022.090-5M			8600	64,1	134	10934	57,2	50
ITALO 2 4P4 7022.100-5M			9490	71,1	133	12092	63,8	50
ITALO 2 4P4 7022.120-5M			11210	85,3	131	14370	77,2	50
ITALO 2 4P4 7022.140-5M			12870	100	128	16598	90,7	50
ITALO 2 4P4 7022.160-5M	14480		115	125	18777	104	50	



LUMINAIRE	OPTIC	RATED LUMINAIRE FLUX*(2200K, lm)	RATED LUMINAIRE POWER*(W)	LUMINAIRE EFFICACY (lm/W)	RATED LED FLUX*(2200K, lm)	RATED LED POWER*(W)	Ta MAX (°C)
ITALO 2 4P4 7022.180-5M		16030	131	122	20906	118	50
ITALO 2 4P4 7022.200-5M		17520	148	118	22986	132	35
ITALO 2 4P4 7022.080-6M		9250	68,4	135	11717	60,8	50
ITALO 2 4P4 7022.090-6M		10320	76,7	134	13121	68,6	50
ITALO 2 4P4 7022.100-6M		11370	85,1	133	14510	76,6	50
ITALO 2 4P4 7022.120-6M		13420	102	131	17244	92,6	50
ITALO 2 4P4 7022.140-6M		15380	120	128	19918	109	50
ITALO 2 4P4 7022.160-6M		17270	138	125	22532	125	50
ITALO 2 4P4 7022.180-6M		19090	158	120	25087	142	50
ITALO 2 4P4 7022.200-6M		20850	178	117	27583	159	35
ITALO 2 4P4 7022.080-7M		10820	79,7	135	13670	70,9	50
ITALO 2 4P4 7022.090-7M		12060	89,8	134	15308	80,1	50
ITALO 2 4P4 7022.100-7M		13260	100	132	16929	89,4	50
ITALO 2 4P4 7022.120-7M		15580	121	128	20118	108	50
ITALO 2 4P4 7022.140-7M		17810	142	125	23238	127	50
ITALO 2 4P4 7022.160-7M		19960	164	121	26288	146	50
ITALO 2 4P4 7022.180-7M		22050	185	119	29269	166	35
ITALO 2 4P4 7022.200-7M		24100	207	116	32180	185	35
ITALO 2 4P4 7022.080-8M		12370	92	134	15623	81	50
ITALO 2 4P4 7022.090-8M		13770	103	133	17495	91,5	50
ITALO 2 4P4 7022.100-8M		15120	114	132	19347	102	50
ITALO 2 4P4 7022.120-8M		17720	137	129	22992	123	50
ITALO 2 4P4 7022.140-8M		20200	160	126	26557	145	50
ITALO 2 4P4 7022.160-8M		22600	185	122	30043	167	50
ITALO 2 4P4 7022.180-8M		24950	210	118	33450	189	35
ITALO 2 4P4 7022.200-8M		27280	238	114	36777	212	35

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac, F/DA/DAC.

\*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet. Tj=85°C.

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%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

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