



I-TRON 2

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/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
Insulation class	II, I
Protection degree	IP66/IP67 IK09 total
Dimensions	See the drawing
Weight	max 13 kg
Exposed surface	Side: 0.06m ² – Top: 0.28 m ² SCx 0.059 m ²
Mounting	Bracket: Ø33mm ÷ Ø60mm Ø60mm ÷ Ø76mm(optional) Post-top: Ø42mm ÷ Ø60mm Ø60mm ÷ Ø76mm (optional)
Tilt Angle	Post-top: -10°/+25° (step di 5°) Bracket: -25°/+10° (step di 5°)
LED Modules	Removable / Replaceable.
Gear tray	Tool-free opening of wiring compartment, integrated in the luminaire, separate from the optic unit. Removable wiring. Optional removable wiring plate.
Operating temp.	-40°C / +55°C
Storage temp	-40°C / +80°C
Main reference standards	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

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)
Mains connection	Terminal block 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)	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).
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 without joints.
Colour	Graphite - Cod. 01

I-TRON 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)
I-TRON 2 5P5 7040.060-7M		12300	74,4	165	12928	65,8	50
I-TRON 2 5P5 7040.070-7M		14250	87	163	15019	77,2	50
I-TRON 2 5P5 7040.080-7M		16140	99,6	162	17088	88,6	50
I-TRON 2 5P5 7040.090-7M		17990	112	160	19135	100	50
I-TRON 2 5P5 7040.100-7M		19780	125	158	21161	112	50
I-TRON 2 5P5 7040.120-7M		23240	151	153	25147	135	50
I-TRON 2 5P5 7040.140-7M		26560	177	150	29047	159	50
I-TRON 2 5P5 7040.160-7M		29760	204	145	32860	183	50
I-TRON 2 5P5 7040.180-7M		32880	231	142	36586	207	50
I-TRON 2 5P5 7040.200-7M		35940	259	138	40225	231	35
I-TRON 2 5P5 7040.060-8M		14080	86,5	162	14775	75,2	50
I-TRON 2 5P5 7040.070-8M		16300	100	163	17164	88,2	50
I-TRON 2 5P5 7040.080-8M		18450	114	161	19529	101	50
I-TRON 2 5P5 7040.090-8M		20530	128	160	21869	114	50
I-TRON 2 5P5 7040.100-8M		22550	142	158	24184	128	50
I-TRON 2 5P5 7040.120-8M		26430	171	154	28740	154	50
I-TRON 2 5P5 7040.140-8M		30130	200	150	33197	181	50
I-TRON 2 5P5 7040.160-8M		33710	231	145	37554	209	50
I-TRON 2 5P5 7040.180-8M		37210	263	141	41812	236	50
I-TRON 2 5P5 7040.200-8M		40690	297	137	45971	264	35
I-TRON 2 5P5 7040.060-9M		15720	95,9	163	16622	84,6	50
I-TRON 2 5P5 7040.070-9M		18230	111	164	19310	99,2	50
I-TRON 2 5P5 7040.080-9M		20700	127	162	21970	114	50
I-TRON 2 5P5 7040.090-9M		23130	143	161	24603	129	50
I-TRON 2 5P5 7040.100-9M		25520	160	159	27207	144	50
I-TRON 2 5P5 7040.120-9M		30180	194	155	32332	174	50
I-TRON 2 5P5 7040.140-9M	STA	34660	229	151	37346	204	50
I-TRON 2 5P5 7040.160-9M	STA1	38950	264	147	42248	235	50
I-TRON 2 5P5 7040.180-9M	STU-S	43030	299	143	47039	266	35
I-TRON 2 5P5 7040.200-9M	S05	46900	334	140	51718	298	35
I-TRON 2 5P5 7040.060-10M	S07	17470	107	163	18468	94	50
I-TRON 2 5P5 7040.070-10M	STE-S	20260	124	163	21455	110	50
I-TRON 2 5P5 7040.080-10M		23000	142	161	24411	127	50
I-TRON 2 5P5 7040.090-10M		25700	160	160	27336	143	50
I-TRON 2 5P5 7040.100-10M		28340	178	159	30230	160	50
I-TRON 2 5P5 7040.120-10M		33470	216	154	35925	193	50
I-TRON 2 5P5 7040.140-10M		38370	254	151	41496	227	50
I-TRON 2 5P5 7040.160-10M		43030	293	146	46942	261	50
I-TRON 2 5P5 7040.180-10M		47420	332	142	52265	296	35
I-TRON 2 5P5 7040.200-10M		51530	371	138	57464	331	35
I-TRON 2 5P5 7040.060-11M		19200	120	160	20315	103	50
I-TRON 2 5P5 7040.070-11M		22270	139	160	23601	121	50
I-TRON 2 5P5 7040.080-11M		25280	159	158	26852	139	50
I-TRON 2 5P5 7040.090-11M		28240	179	157	30070	157	50
I-TRON 2 5P5 7040.100-11M		31140	199	156	33253	176	50
I-TRON 2 5P5 7040.120-11M		36760	240	153	39517	212	50
I-TRON 2 5P5 7040.140-11M		42130	281	149	45645	249	50
I-TRON 2 5P5 7040.160-11M		47230	323	146	51637	287	50
I-TRON 2 5P5 7040.180-11M		52040	365	142	57492	325	35
I-TRON 2 5P5 7040.060-12M		20940	131	159	22162	113	50
I-TRON 2 5P5 7040.070-12M		24290	152	159	25746	132	50
I-TRON 2 5P5 7040.080-12M		27560	174	158	29294	152	50
I-TRON 2 5P5 7040.090-12M		30770	195	157	32803	172	50
I-TRON 2 5P5 7040.100-12M		33910	217	156	36276	191	50
I-TRON 2 5P5 7040.120-12M		39990	261	153	43110	232	50
I-TRON 2 5P5 7040.140-12M		45780	306	149	49795	272	50
I-TRON 2 5P5 7040.160-12M		51290	352	145	56331	313	50
I-TRON 2 5P5 7040.180-12M		56490	398	141	62718	355	35
I-TRON 2 5P5 7040.060-7M		12500	74,4	168	12928	65,8	50
I-TRON 2 5P5 7040.070-7M		14480	87	166	15019	77,2	50
I-TRON 2 5P5 7040.080-7M		16450	99,6	165	17088	88,6	50
I-TRON 2 5P5 7040.090-7M		18400	112	164	19135	100	50
I-TRON 2 5P5 7040.100-7M		20320	125	162	21161	112	50
I-TRON 2 5P5 7040.120-7M	SV	24080	151	159	25147	135	50
I-TRON 2 5P5 7040.140-7M	STU-M	27710	177	156	29047	159	50
I-TRON 2 5P5 7040.160-7M	STE-M	31190	204	152	32860	183	50
I-TRON 2 5P5 7040.180-7M	STW	34510	231	149	36586	207	50
I-TRON 2 5P5 7040.200-7M		37630	259	145	40225	231	35
I-TRON 2 5P5 7040.060-8M		14310	86,5	165	14775	75,2	50
I-TRON 2 5P5 7040.070-8M		16580	100	165	17164	88,2	50

AEC Illuminazione

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)
I-TRON 2 5P5 7040.080-8M	OP-DX OP-SX	18830	114	165	19529	101	50
I-TRON 2 5P5 7040.090-8M		21040	128	164	21869	114	50
I-TRON 2 5P5 7040.100-8M		23220	142	163	24184	128	50
I-TRON 2 5P5 7040.120-8M		27470	171	160	28740	154	50
I-TRON 2 5P5 7040.140-8M		31560	200	157	33197	181	50
I-TRON 2 5P5 7040.160-8M		35490	231	153	37554	209	50
I-TRON 2 5P5 7040.180-8M		39250	263	149	41812	236	50
I-TRON 2 5P5 7040.200-8M		42820	297	144	45971	264	35
I-TRON 2 5P5 7040.060-9M		16080	95,9	167	16622	84,6	50
I-TRON 2 5P5 7040.070-9M		18640	111	167	19310	99,2	50
I-TRON 2 5P5 7040.080-9M		21170	127	166	21970	114	50
I-TRON 2 5P5 7040.090-9M		23650	143	165	24603	129	50
I-TRON 2 5P5 7040.100-9M		26100	160	163	27207	144	50
I-TRON 2 5P5 7040.120-9M		30870	194	159	32332	174	50
I-TRON 2 5P5 7040.140-9M		35450	229	154	37346	204	50
I-TRON 2 5P5 7040.160-9M		39840	264	150	42248	235	50
I-TRON 2 5P5 7040.180-9M		44020	299	147	47039	266	35
I-TRON 2 5P5 7040.200-9M		47970	334	143	51718	298	35
I-TRON 2 5P5 7040.060-10M		17860	107	166	18468	94	50
I-TRON 2 5P5 7040.070-10M		20720	124	167	21455	110	50
I-TRON 2 5P5 7040.080-10M		23520	142	165	24411	127	50
I-TRON 2 5P5 7040.090-10M		26280	160	164	27336	143	50
I-TRON 2 5P5 7040.100-10M		28980	178	162	30230	160	50
I-TRON 2 5P5 7040.120-10M		34230	216	158	35925	193	50
I-TRON 2 5P5 7040.140-10M		39240	254	154	41496	227	50
I-TRON 2 5P5 7040.160-10M		44000	293	150	46942	261	50
I-TRON 2 5P5 7040.180-10M		48500	332	146	52265	296	35
I-TRON 2 5P5 7040.200-10M		52710	371	142	57464	331	35
I-TRON 2 5P5 7040.060-11M		19640	120	163	20315	103	50
I-TRON 2 5P5 7040.070-11M		22780	139	163	23601	121	50
I-TRON 2 5P5 7040.080-11M		25860	159	162	26852	139	50
I-TRON 2 5P5 7040.090-11M		28890	179	161	30070	157	50
I-TRON 2 5P5 7040.100-11M		31850	199	160	33253	176	50
I-TRON 2 5P5 7040.120-11M		37590	240	156	39517	212	50
I-TRON 2 5P5 7040.140-11M		43080	281	153	45645	249	50
I-TRON 2 5P5 7040.160-11M		48290	323	149	51637	287	50
I-TRON 2 5P5 7040.180-11M		53210	365	145	57492	325	35
I-TRON 2 5P5 7040.060-12M		21420	131	163	22162	113	50
I-TRON 2 5P5 7040.070-12M		24830	152	163	25746	132	50
I-TRON 2 5P5 7040.080-12M		28180	174	161	29294	152	50
I-TRON 2 5P5 7040.090-12M		31470	195	161	32803	172	50
I-TRON 2 5P5 7040.100-12M		34680	217	159	36276	191	50
I-TRON 2 5P5 7040.120-12M		40900	261	156	43110	232	50
I-TRON 2 5P5 7040.140-12M		46830	306	153	49795	272	50
I-TRON 2 5P5 7040.160-12M		52460	352	149	56331	313	50
I-TRON 2 5P5 7040.180-12M		57790	398	145	62718	355	35
I-TRON 2 5P5 7040.060-5M		8650	53,4	161	9234	47	50
I-TRON 2 5P5 7040.070-5M		10020	62,2	161	10728	55,1	50
I-TRON 2 5P5 7040.080-5M		11370	71	160	12206	63,3	50
I-TRON 2 5P5 7040.090-5M		12690	79,7	159	13668	71,5	50
I-TRON 2 5P5 7040.100-5M		13990	88,6	157	15115	79,8	50
I-TRON 2 5P5 7040.120-5M		16520	107	154	17962	96,5	50
I-TRON 2 5P5 7040.140-5M		18970	125	151	20748	113	50
I-TRON 2 5P5 7040.160-5M		21330	144	148	23471	130	35
I-TRON 2 5P5 7040.180-5M		23620	164	144	26133	148	35
I-TRON 2 5P5 7040.200-5M		25830	185	139	28732	165	35
I-TRON 2 5P5 7040.060-6M		10380	63,9	162	11081	56,4	50
I-TRON 2 5P5 7040.070-6M		12020	74,3	161	12873	66,1	50
I-TRON 2 5P5 7040.080-6M		13640	84,8	160	14647	75,9	50
I-TRON 2 5P5 7040.090-6M		15220	95,4	159	16402	85,8	50
I-TRON 2 5P5 7040.100-6M		16770	106	158	18138	95,7	50
I-TRON 2 5P5 7040.120-6M		19780	128	154	21555	116	50
I-TRON 2 5P5 7040.140-6M		22680	150	151	24897	136	50
I-TRON 2 5P5 7040.160-6M		25470	173	147	28165	157	35
I-TRON 2 5P5 7040.180-6M		28150	197	142	31359	177	35
I-TRON 2 5P5 7040.200-6M		30740	223	137	34478	198	35
I-TRON 2 5P5 7040.060-7M		12160	74,4	163	12928	65,8	50
I-TRON 2 5P5 7040.070-7M		14080	87	161	15019	77,2	50
I-TRON 2 5P5 7040.080-7M		15950	99,6	160	17088	88,6	50
I-TRON 2 5P5 7040.090-7M		17770	112	158	19135	100	50
I-TRON 2 5P5 7040.100-7M		19550	125	156	21161	112	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)
I-TRON 2 5P5 7040.120-7M		22980	151	152	25147	135	50
I-TRON 2 5P5 7040.140-7M		26260	177	148	29047	159	50
I-TRON 2 5P5 7040.160-7M		29430	204	144	32860	183	35
I-TRON 2 5P5 7040.180-7M		32510	231	140	36586	207	35
I-TRON 2 5P5 7040.200-7M		35530	259	137	40225	231	35
I-TRON 2 5P5 7040.060-8M		13910	86,5	160	14775	75,2	50
I-TRON 2 5P5 7040.070-8M		16110	100	161	17164	88,2	50
I-TRON 2 5P5 7040.080-8M		18240	114	160	19529	101	50
I-TRON 2 5P5 7040.090-8M		20290	128	158	21869	114	50
I-TRON 2 5P5 7040.100-8M		22290	142	156	24184	128	50
I-TRON 2 5P5 7040.120-8M		26130	171	152	28740	154	50
I-TRON 2 5P5 7040.140-8M		29790	200	148	33197	181	50
I-TRON 2 5P5 7040.160-8M		33330	231	144	37554	209	35
I-TRON 2 5P5 7040.180-8M		36790	263	139	41812	236	35
I-TRON 2 5P5 7040.200-8M		40230	297	135	45971	264	35
I-TRON 2 5P5 7040.060-9M		15540	95,9	162	16622	84,6	50
I-TRON 2 5P5 7040.070-9M		18020	111	162	19310	99,2	50
I-TRON 2 5P5 7040.080-9M		20460	127	161	21970	114	50
I-TRON 2 5P5 7040.090-9M		22860	143	159	24603	129	50
I-TRON 2 5P5 7040.100-9M		25230	160	157	27207	144	50
I-TRON 2 5P5 7040.120-9M		29840	194	153	32332	174	50
I-TRON 2 5P5 7040.140-9M		34270	229	149	37346	204	35
I-TRON 2 5P5 7040.160-9M		38510	264	145	42248	235	35
I-TRON 2 5P5 7040.060-10M		17270	107	161	18468	94	50
I-TRON 2 5P5 7040.070-10M		20030	124	161	21455	110	50
I-TRON 2 5P5 7040.080-10M		22740	142	160	24411	127	50
I-TRON 2 5P5 7040.090-10M		25410	160	158	27336	143	50
I-TRON 2 5P5 7040.100-10M		28020	178	157	30230	160	50
I-TRON 2 5P5 7040.120-10M		33090	216	153	35925	193	50
I-TRON 2 5P5 7040.140-10M		37930	254	149	41496	227	35
I-TRON 2 5P5 7040.160-10M		42530	293	145	46942	261	35
I-TRON 2 5P5 7040.060-11M		18990	120	158	20315	103	50
I-TRON 2 5P5 7040.070-11M		22020	139	158	23601	121	50
I-TRON 2 5P5 7040.080-11M		25000	159	157	26852	139	50
I-TRON 2 5P5 7040.090-11M		27920	179	155	30070	157	50
I-TRON 2 5P5 7040.100-11M		30790	199	154	33253	176	50
I-TRON 2 5P5 7040.120-11M		36350	240	151	39517	212	50
I-TRON 2 5P5 7040.140-11M		41650	281	148	45645	249	35
I-TRON 2 5P5 7040.060-12M		20700	131	158	22162	113	50
I-TRON 2 5P5 7040.070-12M		24000	152	157	25746	132	50
I-TRON 2 5P5 7040.080-12M		27240	174	156	29294	152	50
I-TRON 2 5P5 7040.090-12M		30410	195	155	32803	172	50
I-TRON 2 5P5 7040.100-12M		33520	217	154	36276	191	50
I-TRON 2 5P5 7040.120-12M		39530	261	151	43110	232	50
I-TRON 2 5P5 7040.140-12M		45260	306	147	49795	272	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.

I-TRON 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)
I-TRON 2 5P5 7030.060-7M		11570	74,4	155	12928	65,8	50
I-TRON 2 5P5 7030.070-7M		13400	87	154	15019	77,2	50
I-TRON 2 5P5 7030.080-7M		15170	99,6	152	17088	88,6	50
I-TRON 2 5P5 7030.090-7M		16910	112	150	19135	100	50
I-TRON 2 5P5 7030.100-7M		18590	125	148	21161	112	50
I-TRON 2 5P5 7030.120-7M		21850	151	144	25147	135	50
I-TRON 2 5P5 7030.140-7M		24970	177	141	29047	159	50
I-TRON 2 5P5 7030.160-7M		27980	204	137	32860	183	50
I-TRON 2 5P5 7030.180-7M		30910	231	133	36586	207	50
I-TRON 2 5P5 7030.200-7M		33780	259	130	40225	231	35
I-TRON 2 5P5 7030.060-8M		13240	86,5	153	14775	75,2	50
I-TRON 2 5P5 7030.070-8M		15320	100	153	17164	88,2	50
I-TRON 2 5P5 7030.080-8M		17340	114	152	19529	101	50
I-TRON 2 5P5 7030.090-8M		19300	128	150	21869	114	50
I-TRON 2 5P5 7030.100-8M		21200	142	149	24184	128	50
I-TRON 2 5P5 7030.120-8M		24840	171	145	28740	154	50
I-TRON 2 5P5 7030.140-8M		28320	200	141	33197	181	50
I-TRON 2 5P5 7030.160-8M		31690	231	137	37554	209	50
I-TRON 2 5P5 7030.180-8M		34980	263	133	41812	236	50
I-TRON 2 5P5 7030.200-8M		38250	297	128	45971	264	35
I-TRON 2 5P5 7030.060-9M		14780	95,9	154	16622	84,6	50
I-TRON 2 5P5 7030.070-9M		17130	111	154	19310	99,2	50
I-TRON 2 5P5 7030.080-9M		19450	127	153	21970	114	50
I-TRON 2 5P5 7030.090-9M		21740	143	152	24603	129	50
I-TRON 2 5P5 7030.100-9M		23990	160	149	27207	144	50
I-TRON 2 5P5 7030.120-9M		28370	194	146	32332	174	50
I-TRON 2 5P5 7030.140-9M	STA	32580	229	142	37346	204	50
I-TRON 2 5P5 7030.160-9M	STA1	36610	264	138	42248	235	50
I-TRON 2 5P5 7030.180-9M	STU-S	40450	299	135	47039	266	35
I-TRON 2 5P5 7030.200-9M	S05	44090	334	132	51718	298	35
I-TRON 2 5P5 7030.060-10M	S07	16420	107	153	18468	94	50
I-TRON 2 5P5 7030.070-10M	STE-S	19040	124	153	21455	110	50
I-TRON 2 5P5 7030.080-10M		21620	142	152	24411	127	50
I-TRON 2 5P5 7030.090-10M		24150	160	150	27336	143	50
I-TRON 2 5P5 7030.100-10M		26640	178	149	30230	160	50
I-TRON 2 5P5 7030.120-10M		31460	216	145	35925	193	50
I-TRON 2 5P5 7030.140-10M		36070	254	142	41496	227	50
I-TRON 2 5P5 7030.160-10M		40440	293	138	46942	261	50
I-TRON 2 5P5 7030.180-10M		44570	332	134	52265	296	35
I-TRON 2 5P5 7030.200-10M		48440	371	130	57464	331	35
I-TRON 2 5P5 7030.060-11M		18050	120	150	20315	103	50
I-TRON 2 5P5 7030.070-11M		20930	139	150	23601	121	50
I-TRON 2 5P5 7030.080-11M		23760	159	149	26852	139	50
I-TRON 2 5P5 7030.090-11M		26540	179	148	30070	157	50
I-TRON 2 5P5 7030.100-11M		29270	199	147	33253	176	50
I-TRON 2 5P5 7030.120-11M		34560	240	144	39517	212	50
I-TRON 2 5P5 7030.140-11M		39600	281	140	45645	249	50
I-TRON 2 5P5 7030.160-11M		44390	323	137	51637	287	50
I-TRON 2 5P5 7030.180-11M		48920	365	134	57492	325	35
I-TRON 2 5P5 7030.060-12M		19690	131	150	22162	113	50
I-TRON 2 5P5 7030.070-12M		22830	152	150	25746	132	50
I-TRON 2 5P5 7030.080-12M		25910	174	148	29294	152	50
I-TRON 2 5P5 7030.090-12M		28920	195	148	32803	172	50
I-TRON 2 5P5 7030.100-12M		31880	217	146	36276	191	50
I-TRON 2 5P5 7030.120-12M		37590	261	144	43110	232	50
I-TRON 2 5P5 7030.140-12M		43030	306	140	49795	272	50
I-TRON 2 5P5 7030.160-12M		48210	352	136	56331	313	50
I-TRON 2 5P5 7030.180-12M		53100	398	133	62718	355	35
I-TRON 2 5P5 7030.060-7M		11750	74,4	157	12928	65,8	50
I-TRON 2 5P5 7030.070-7M		13610	87	156	15019	77,2	50
I-TRON 2 5P5 7030.080-7M		15460	99,6	155	17088	88,6	50
I-TRON 2 5P5 7030.090-7M		17290	112	154	19135	100	50
I-TRON 2 5P5 7030.100-7M		19100	125	152	21161	112	50
I-TRON 2 5P5 7030.120-7M	SV	22630	151	149	25147	135	50
I-TRON 2 5P5 7030.140-7M	STU-M	26050	177	147	29047	159	50
I-TRON 2 5P5 7030.160-7M	STE-M	29320	204	143	32860	183	50
I-TRON 2 5P5 7030.180-7M	STW	32440	231	140	36586	207	50
I-TRON 2 5P5 7030.200-7M		35370	259	136	40225	231	35
I-TRON 2 5P5 7030.060-8M		13450	86,5	155	14775	75,2	50
I-TRON 2 5P5 7030.070-8M		15590	100	155	17164	88,2	50

AEC Illuminazione

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)
I-TRON 2 5P5 7030.080-8M	OP-DX OP-SX	17700	114	155	19529	101	50
I-TRON 2 5P5 7030.090-8M		19780	128	154	21869	114	50
I-TRON 2 5P5 7030.100-8M		21830	142	153	24184	128	50
I-TRON 2 5P5 7030.120-8M		25820	171	150	28740	154	50
I-TRON 2 5P5 7030.140-8M		29670	200	148	33197	181	50
I-TRON 2 5P5 7030.160-8M		33360	231	144	37554	209	50
I-TRON 2 5P5 7030.180-8M		36890	263	140	41812	236	50
I-TRON 2 5P5 7030.200-8M		40250	297	135	45971	264	35
I-TRON 2 5P5 7030.060-9M		15110	95,9	157	16622	84,6	50
I-TRON 2 5P5 7030.070-9M		17520	111	157	19310	99,2	50
I-TRON 2 5P5 7030.080-9M		19900	127	156	21970	114	50
I-TRON 2 5P5 7030.090-9M		22230	143	155	24603	129	50
I-TRON 2 5P5 7030.100-9M		24530	160	153	27207	144	50
I-TRON 2 5P5 7030.120-9M		29010	194	149	32332	174	50
I-TRON 2 5P5 7030.140-9M		33320	229	145	37346	204	50
I-TRON 2 5P5 7030.160-9M		37450	264	141	42248	235	50
I-TRON 2 5P5 7030.180-9M		41380	299	138	47039	266	35
I-TRON 2 5P5 7030.200-9M		45090	334	135	51718	298	35
I-TRON 2 5P5 7030.060-10M		16790	107	156	18468	94	50
I-TRON 2 5P5 7030.070-10M		19470	124	157	21455	110	50
I-TRON 2 5P5 7030.080-10M		22110	142	155	24411	127	50
I-TRON 2 5P5 7030.090-10M		24700	160	154	27336	143	50
I-TRON 2 5P5 7030.100-10M		27240	178	153	30230	160	50
I-TRON 2 5P5 7030.120-10M		32170	216	148	35925	193	50
I-TRON 2 5P5 7030.140-10M		36890	254	145	41496	227	50
I-TRON 2 5P5 7030.160-10M		41360	293	141	46942	261	50
I-TRON 2 5P5 7030.180-10M		45590	332	137	52265	296	35
I-TRON 2 5P5 7030.200-10M		49550	371	133	57464	331	35
I-TRON 2 5P5 7030.060-11M		18460	120	153	20315	103	50
I-TRON 2 5P5 7030.070-11M		21410	139	154	23601	121	50
I-TRON 2 5P5 7030.080-11M		24310	159	152	26852	139	50
I-TRON 2 5P5 7030.090-11M		27150	179	151	30070	157	50
I-TRON 2 5P5 7030.100-11M		29940	199	150	33253	176	50
I-TRON 2 5P5 7030.120-11M		35340	240	147	39517	212	50
I-TRON 2 5P5 7030.140-11M		40500	281	144	45645	249	50
I-TRON 2 5P5 7030.160-11M		45390	323	140	51637	287	50
I-TRON 2 5P5 7030.180-11M		50020	365	137	57492	325	35
I-TRON 2 5P5 7030.060-12M		20130	131	153	22162	113	50
I-TRON 2 5P5 7030.070-12M		23340	152	153	25746	132	50
I-TRON 2 5P5 7030.080-12M		26490	174	152	29294	152	50
I-TRON 2 5P5 7030.090-12M		29580	195	151	32803	172	50
I-TRON 2 5P5 7030.100-12M		32600	217	150	36276	191	50
I-TRON 2 5P5 7030.120-12M		38450	261	147	43110	232	50
I-TRON 2 5P5 7030.140-12M		44020	306	143	49795	272	50
I-TRON 2 5P5 7030.160-12M		49310	352	140	56331	313	50
I-TRON 2 5P5 7030.180-12M		54320	398	136	62718	355	35
I-TRON 2 5P5 7030.060-5M		8130	53,4	152	9234	47	50
I-TRON 2 5P5 7030.070-5M		9420	62,2	151	10728	55,1	50
I-TRON 2 5P5 7030.080-5M		10680	71	150	12206	63,3	50
I-TRON 2 5P5 7030.090-5M		11930	79,7	149	13668	71,5	50
I-TRON 2 5P5 7030.100-5M		13150	88,6	148	15115	79,8	50
I-TRON 2 5P5 7030.120-5M		15530	107	145	17962	96,5	50
I-TRON 2 5P5 7030.140-5M		17830	125	142	20748	113	50
I-TRON 2 5P5 7030.160-5M		20050	144	139	23471	130	35
I-TRON 2 5P5 7030.180-5M		22200	164	135	26133	148	35
I-TRON 2 5P5 7030.200-5M		24280	185	131	28732	165	35
I-TRON 2 5P5 7030.060-6M		9760	63,9	152	11081	56,4	50
I-TRON 2 5P5 7030.070-6M		11300	74,3	152	12873	66,1	50
I-TRON 2 5P5 7030.080-6M		12820	84,8	151	14647	75,9	50
I-TRON 2 5P5 7030.090-6M		14310	95,4	150	16402	85,8	50
I-TRON 2 5P5 7030.100-6M		15760	106	148	18138	95,7	50
I-TRON 2 5P5 7030.120-6M		18600	128	145	21555	116	50
I-TRON 2 5P5 7030.140-6M		21320	150	142	24897	136	50
I-TRON 2 5P5 7030.160-6M		23940	173	138	28165	157	35
I-TRON 2 5P5 7030.180-6M		26460	197	134	31359	177	35
I-TRON 2 5P5 7030.200-6M		28900	223	129	34478	198	35
I-TRON 2 5P5 7030.060-7M		11430	74,4	153	12928	65,8	50
I-TRON 2 5P5 7030.070-7M		13240	87	152	15019	77,2	50
I-TRON 2 5P5 7030.080-7M		15000	99,6	150	17088	88,6	50
I-TRON 2 5P5 7030.090-7M		16710	112	149	19135	100	50
I-TRON 2 5P5 7030.100-7M		18380	125	147	21161	112	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)
I-TRON 2 5P5 7030.120-7M		21600	151	143	25147	135	50
I-TRON 2 5P5 7030.140-7M		24680	177	139	29047	159	50
I-TRON 2 5P5 7030.160-7M		27660	204	135	32860	183	35
I-TRON 2 5P5 7030.180-7M		30560	231	132	36586	207	35
I-TRON 2 5P5 7030.200-7M		33400	259	128	40225	231	35
I-TRON 2 5P5 7030.060-8M		13080	86,5	151	14775	75,2	50
I-TRON 2 5P5 7030.070-8M		15140	100	151	17164	88,2	50
I-TRON 2 5P5 7030.080-8M		17140	114	150	19529	101	50
I-TRON 2 5P5 7030.090-8M		19080	128	149	21869	114	50
I-TRON 2 5P5 7030.100-8M		20950	142	147	24184	128	50
I-TRON 2 5P5 7030.120-8M		24560	171	143	28740	154	50
I-TRON 2 5P5 7030.140-8M		28000	200	140	33197	181	50
I-TRON 2 5P5 7030.160-8M		31330	231	135	37554	209	35
I-TRON 2 5P5 7030.180-8M		34590	263	131	41812	236	35
I-TRON 2 5P5 7030.200-8M		37820	297	127	45971	264	35
I-TRON 2 5P5 7030.060-9M		14610	95,9	152	16622	84,6	50
I-TRON 2 5P5 7030.070-9M		16940	111	152	19310	99,2	50
I-TRON 2 5P5 7030.080-9M		19230	127	151	21970	114	50
I-TRON 2 5P5 7030.090-9M		21490	143	150	24603	129	50
I-TRON 2 5P5 7030.100-9M		23720	160	148	27207	144	50
I-TRON 2 5P5 7030.120-9M		28050	194	144	32332	174	50
I-TRON 2 5P5 7030.140-9M		32210	229	140	37346	204	35
I-TRON 2 5P5 7030.160-9M		36200	264	137	42248	235	35
I-TRON 2 5P5 7030.060-10M		16240	107	151	18468	94	50
I-TRON 2 5P5 7030.070-10M		18830	124	151	21455	110	50
I-TRON 2 5P5 7030.080-10M		21380	142	150	24411	127	50
I-TRON 2 5P5 7030.090-10M		23880	160	149	27336	143	50
I-TRON 2 5P5 7030.100-10M		26340	178	147	30230	160	50
I-TRON 2 5P5 7030.120-10M		31100	216	143	35925	193	50
I-TRON 2 5P5 7030.140-10M		35650	254	140	41496	227	35
I-TRON 2 5P5 7030.160-10M		39980	293	136	46942	261	35
I-TRON 2 5P5 7030.060-11M		17850	120	148	20315	103	50
I-TRON 2 5P5 7030.070-11M		20700	139	148	23601	121	50
I-TRON 2 5P5 7030.080-11M		23500	159	147	26852	139	50
I-TRON 2 5P5 7030.090-11M		26250	179	146	30070	157	50
I-TRON 2 5P5 7030.100-11M		28940	199	145	33253	176	50
I-TRON 2 5P5 7030.120-11M		34160	240	142	39517	212	50
I-TRON 2 5P5 7030.140-11M		39150	281	139	45645	249	35
I-TRON 2 5P5 7030.060-12M		19460	131	148	22162	113	50
I-TRON 2 5P5 7030.070-12M		22560	152	148	25746	132	50
I-TRON 2 5P5 7030.080-12M		25610	174	147	29294	152	50
I-TRON 2 5P5 7030.090-12M		28590	195	146	32803	172	50
I-TRON 2 5P5 7030.100-12M		31510	217	145	36276	191	50
I-TRON 2 5P5 7030.120-12M		37160	261	142	43110	232	50
I-TRON 2 5P5 7030.140-12M		42540	306	139	49795	272	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.

I-TRON 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)
I-TRON 2 5P5 7027.060-7M		11070	74,4	148	12928	65,8	50
I-TRON 2 5P5 7027.070-7M		12830	87	147	15019	77,2	50
I-TRON 2 5P5 7027.080-7M		14530	99,6	145	17088	88,6	50
I-TRON 2 5P5 7027.090-7M		16190	112	144	19135	100	50
I-TRON 2 5P5 7027.100-7M		17800	125	142	21161	112	50
I-TRON 2 5P5 7027.120-7M		20920	151	138	25147	135	50
I-TRON 2 5P5 7027.140-7M		23900	177	135	29047	159	50
I-TRON 2 5P5 7027.160-7M		26790	204	131	32860	183	50
I-TRON 2 5P5 7027.180-7M		29590	231	128	36586	207	50
I-TRON 2 5P5 7027.200-7M		32350	259	124	40225	231	35
I-TRON 2 5P5 7027.060-8M		12670	86,5	146	14775	75,2	50
I-TRON 2 5P5 7027.070-8M		14670	100	146	17164	88,2	50
I-TRON 2 5P5 7027.080-8M		16610	114	145	19529	101	50
I-TRON 2 5P5 7027.090-8M		18480	128	144	21869	114	50
I-TRON 2 5P5 7027.100-8M		20300	142	142	24184	128	50
I-TRON 2 5P5 7027.120-8M		23780	171	139	28740	154	50
I-TRON 2 5P5 7027.140-8M		27120	200	135	33197	181	50
I-TRON 2 5P5 7027.160-8M		30340	231	131	37554	209	50
I-TRON 2 5P5 7027.180-8M		33490	263	127	41812	236	50
I-TRON 2 5P5 7027.200-8M		36620	297	123	45971	264	35
I-TRON 2 5P5 7027.060-9M		14150	95,9	147	16622	84,6	50
I-TRON 2 5P5 7027.070-9M		16400	111	147	19310	99,2	50
I-TRON 2 5P5 7027.080-9M		18630	127	146	21970	114	50
I-TRON 2 5P5 7027.090-9M		20820	143	145	24603	129	50
I-TRON 2 5P5 7027.100-9M		22970	160	143	27207	144	50
I-TRON 2 5P5 7027.120-9M		27160	194	140	32332	174	50
I-TRON 2 5P5 7027.140-9M	STA	31190	229	136	37346	204	50
I-TRON 2 5P5 7027.160-9M	STA1	35050	264	132	42248	235	50
I-TRON 2 5P5 7027.180-9M	STU-S	38730	299	129	47039	266	35
I-TRON 2 5P5 7027.200-9M	S05	42210	334	126	51718	298	35
I-TRON 2 5P5 7027.060-10M	S07	15720	107	146	18468	94	50
I-TRON 2 5P5 7027.070-10M	STE-S	18230	124	147	21455	110	50
I-TRON 2 5P5 7027.080-10M		20700	142	145	24411	127	50
I-TRON 2 5P5 7027.090-10M		23130	160	144	27336	143	50
I-TRON 2 5P5 7027.100-10M		25510	178	143	30230	160	50
I-TRON 2 5P5 7027.120-10M		30120	216	139	35925	193	50
I-TRON 2 5P5 7027.140-10M		34530	254	135	41496	227	50
I-TRON 2 5P5 7027.160-10M		38720	293	132	46942	261	50
I-TRON 2 5P5 7027.180-10M		42680	332	128	52265	296	35
I-TRON 2 5P5 7027.200-10M		46380	371	125	57464	331	35
I-TRON 2 5P5 7027.060-11M		17280	120	144	20315	103	50
I-TRON 2 5P5 7027.070-11M		20040	139	144	23601	121	50
I-TRON 2 5P5 7027.080-11M		22750	159	143	26852	139	50
I-TRON 2 5P5 7027.090-11M		25420	179	142	30070	157	50
I-TRON 2 5P5 7027.100-11M		28030	199	140	33253	176	50
I-TRON 2 5P5 7027.120-11M		33090	240	137	39517	212	50
I-TRON 2 5P5 7027.140-11M		37920	281	134	45645	249	50
I-TRON 2 5P5 7027.160-11M		42510	323	131	51637	287	50
I-TRON 2 5P5 7027.180-11M		46840	365	128	57492	325	35
I-TRON 2 5P5 7027.060-12M		18850	131	143	22162	113	50
I-TRON 2 5P5 7027.070-12M		21860	152	143	25746	132	50
I-TRON 2 5P5 7027.080-12M		24800	174	142	29294	152	50
I-TRON 2 5P5 7027.090-12M		27690	195	142	32803	172	50
I-TRON 2 5P5 7027.100-12M		30520	217	140	36276	191	50
I-TRON 2 5P5 7027.120-12M		35990	261	137	43110	232	50
I-TRON 2 5P5 7027.140-12M		41200	306	134	49795	272	50
I-TRON 2 5P5 7027.160-12M		46160	352	131	56331	313	50
I-TRON 2 5P5 7027.180-12M		50850	398	127	62718	355	35
I-TRON 2 5P5 7027.060-7M		11250	74,4	151	12928	65,8	50
I-TRON 2 5P5 7027.070-7M		13040	87	149	15019	77,2	50
I-TRON 2 5P5 7027.080-7M		14810	99,6	148	17088	88,6	50
I-TRON 2 5P5 7027.090-7M		16560	112	147	19135	100	50
I-TRON 2 5P5 7027.100-7M	SV	18290	125	146	21161	112	50
I-TRON 2 5P5 7027.120-7M	STU-M	21670	151	143	25147	135	50
I-TRON 2 5P5 7027.140-7M	STE-M	24940	177	140	29047	159	50
I-TRON 2 5P5 7027.160-7M	STW	28070	204	137	32860	183	50
I-TRON 2 5P5 7027.180-7M		31050	231	134	36586	207	50
I-TRON 2 5P5 7027.200-7M		33870	259	130	40225	231	35
I-TRON 2 5P5 7027.060-8M		12880	86,5	148	14775	75,2	50
I-TRON 2 5P5 7027.070-8M		14930	100	149	17164	88,2	50

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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)
I-TRON 2 SP5 7027.080-8M	OP-DX OP-SX	16950	114	148	19529	101	50
I-TRON 2 SP5 7027.090-8M		18940	128	147	21869	114	50
I-TRON 2 SP5 7027.100-8M		20900	142	147	24184	128	50
I-TRON 2 SP5 7027.120-8M		24720	171	144	28740	154	50
I-TRON 2 SP5 7027.140-8M		28400	200	142	33197	181	50
I-TRON 2 SP5 7027.160-8M		31940	231	138	37554	209	50
I-TRON 2 SP5 7027.180-8M		35320	263	134	41812	236	50
I-TRON 2 SP5 7027.200-8M		38540	297	129	45971	264	35
I-TRON 2 SP5 7027.060-9M		14470	95,9	150	16622	84,6	50
I-TRON 2 SP5 7027.070-9M		16780	111	151	19310	99,2	50
I-TRON 2 SP5 7027.080-9M		19050	127	150	21970	114	50
I-TRON 2 SP5 7027.090-9M		21290	143	148	24603	129	50
I-TRON 2 SP5 7027.100-9M		23490	160	146	27207	144	50
I-TRON 2 SP5 7027.120-9M		27780	194	143	32332	174	50
I-TRON 2 SP5 7027.140-9M		31910	229	139	37346	204	50
I-TRON 2 SP5 7027.160-9M		35850	264	135	42248	235	50
I-TRON 2 SP5 7027.180-9M		39610	299	132	47039	266	35
I-TRON 2 SP5 7027.200-9M		43170	334	129	51718	298	35
I-TRON 2 SP5 7027.060-10M		16080	107	150	18468	94	50
I-TRON 2 SP5 7027.070-10M		18640	124	150	21455	110	50
I-TRON 2 SP5 7027.080-10M		21170	142	149	24411	127	50
I-TRON 2 SP5 7027.090-10M		23650	160	147	27336	143	50
I-TRON 2 SP5 7027.100-10M		26080	178	146	30230	160	50
I-TRON 2 SP5 7027.120-10M		30800	216	142	35925	193	50
I-TRON 2 SP5 7027.140-10M		35320	254	139	41496	227	50
I-TRON 2 SP5 7027.160-10M		39600	293	135	46942	261	50
I-TRON 2 SP5 7027.180-10M		43650	332	131	52265	296	35
I-TRON 2 SP5 7027.200-10M		47440	371	127	57464	331	35
I-TRON 2 SP5 7027.060-11M		17680	120	147	20315	103	50
I-TRON 2 SP5 7027.070-11M		20500	139	147	23601	121	50
I-TRON 2 SP5 7027.080-11M		23270	159	146	26852	139	50
I-TRON 2 SP5 7027.090-11M		26000	179	145	30070	157	50
I-TRON 2 SP5 7027.100-11M		28670	199	144	33253	176	50
I-TRON 2 SP5 7027.120-11M		33840	240	141	39517	212	50
I-TRON 2 SP5 7027.140-11M		38770	281	137	45645	249	50
I-TRON 2 SP5 7027.160-11M		43460	323	134	51637	287	50
I-TRON 2 SP5 7027.180-11M		47890	365	131	57492	325	35
I-TRON 2 SP5 7027.060-12M		19270	131	147	22162	113	50
I-TRON 2 SP5 7027.070-12M		22350	152	147	25746	132	50
I-TRON 2 SP5 7027.080-12M		25360	174	145	29294	152	50
I-TRON 2 SP5 7027.090-12M		28320	195	145	32803	172	50
I-TRON 2 SP5 7027.100-12M		31210	217	143	36276	191	50
I-TRON 2 SP5 7027.120-12M		36810	261	141	43110	232	50
I-TRON 2 SP5 7027.140-12M		42150	306	137	49795	272	50
I-TRON 2 SP5 7027.160-12M		47220	352	134	56331	313	50
I-TRON 2 SP5 7027.180-12M		52010	398	130	62718	355	35
I-TRON 2 SP5 7027.060-5M		7780	53,4	145	9234	47	50
I-TRON 2 SP5 7027.070-5M		9020	62,2	145	10728	55,1	50
I-TRON 2 SP5 7027.080-5M		10230	71	144	12206	63,3	50
I-TRON 2 SP5 7027.090-5M		11420	79,7	143	13668	71,5	50
I-TRON 2 SP5 7027.100-5M		12590	88,6	142	15115	79,8	50
I-TRON 2 SP5 7027.120-5M		14870	107	138	17962	96,5	50
I-TRON 2 SP5 7027.140-5M		17070	125	136	20748	113	50
I-TRON 2 SP5 7027.160-5M		19200	144	133	23471	130	35
I-TRON 2 SP5 7027.180-5M		21260	164	129	26133	148	35
I-TRON 2 SP5 7027.200-5M		23250	185	125	28732	165	35
I-TRON 2 SP5 7027.060-6M		9340	63,9	146	11081	56,4	50
I-TRON 2 SP5 7027.070-6M		10820	74,3	145	12873	66,1	50
I-TRON 2 SP5 7027.080-6M		12270	84,8	144	14647	75,9	50
I-TRON 2 SP5 7027.090-6M		13700	95,4	143	16402	85,8	50
I-TRON 2 SP5 7027.100-6M		15090	106	142	18138	95,7	50
I-TRON 2 SP5 7027.120-6M		17800	128	139	21555	116	50
I-TRON 2 SP5 7027.140-6M		20410	150	136	24897	136	50
I-TRON 2 SP5 7027.160-6M		22920	173	132	28165	157	35
I-TRON 2 SP5 7027.180-6M		25340	197	128	31359	177	35
I-TRON 2 SP5 7027.200-6M		27670	223	124	34478	198	35
I-TRON 2 SP5 7027.060-7M		10940	74,4	147	12928	65,8	50
I-TRON 2 SP5 7027.070-7M		12670	87	145	15019	77,2	50
I-TRON 2 SP5 7027.080-7M		14360	99,6	144	17088	88,6	50
I-TRON 2 SP5 7027.090-7M		16000	112	142	19135	100	50
I-TRON 2 SP5 7027.100-7M		17600	125	140	21161	112	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)
I-TRON 2 5P5 7027.120-7M		20680	151	136	25147	135	50
I-TRON 2 5P5 7027.140-7M		23630	177	133	29047	159	50
I-TRON 2 5P5 7027.160-7M		26490	204	129	32860	183	35
I-TRON 2 5P5 7027.180-7M		29260	231	126	36586	207	35
I-TRON 2 5P5 7027.200-7M		31980	259	123	40225	231	35
I-TRON 2 5P5 7027.060-8M		12520	86,5	144	14775	75,2	50
I-TRON 2 5P5 7027.070-8M		14500	100	145	17164	88,2	50
I-TRON 2 5P5 7027.080-8M		16410	114	143	19529	101	50
I-TRON 2 5P5 7027.090-8M		18260	128	142	21869	114	50
I-TRON 2 5P5 7027.100-8M		20060	142	141	24184	128	50
I-TRON 2 5P5 7027.120-8M		23510	171	137	28740	154	50
I-TRON 2 5P5 7027.140-8M		26810	200	134	33197	181	50
I-TRON 2 5P5 7027.160-8M		30000	231	129	37554	209	35
I-TRON 2 5P5 7027.180-8M		33120	263	125	41812	236	35
I-TRON 2 5P5 7027.200-8M		36210	297	121	45971	264	35
I-TRON 2 5P5 7027.060-9M		13990	95,9	145	16622	84,6	50
I-TRON 2 5P5 7027.070-9M		16220	111	146	19310	99,2	50
I-TRON 2 5P5 7027.080-9M		18410	127	144	21970	114	50
I-TRON 2 5P5 7027.090-9M		20580	143	143	24603	129	50
I-TRON 2 5P5 7027.100-9M		22710	160	141	27207	144	50
I-TRON 2 5P5 7027.120-9M		26850	194	138	32332	174	50
I-TRON 2 5P5 7027.140-9M		30840	229	134	37346	204	35
I-TRON 2 5P5 7027.160-9M		34660	264	131	42248	235	35
I-TRON 2 5P5 7027.060-10M		15550	107	145	18468	94	50
I-TRON 2 5P5 7027.070-10M		18030	124	145	21455	110	50
I-TRON 2 5P5 7027.080-10M		20470	142	144	24411	127	50
I-TRON 2 5P5 7027.090-10M		22870	160	142	27336	143	50
I-TRON 2 5P5 7027.100-10M		25220	178	141	30230	160	50
I-TRON 2 5P5 7027.120-10M		29780	216	137	35925	193	50
I-TRON 2 5P5 7027.140-10M		34140	254	134	41496	227	35
I-TRON 2 5P5 7027.160-10M		38280	293	130	46942	261	35
I-TRON 2 5P5 7027.060-11M		17090	120	142	20315	103	50
I-TRON 2 5P5 7027.070-11M		19820	139	142	23601	121	50
I-TRON 2 5P5 7027.080-11M		22500	159	141	26852	139	50
I-TRON 2 5P5 7027.090-11M		25130	179	140	30070	157	50
I-TRON 2 5P5 7027.100-11M		27710	199	139	33253	176	50
I-TRON 2 5P5 7027.120-11M		32710	240	136	39517	212	50
I-TRON 2 5P5 7027.140-11M		37490	281	133	45645	249	35
I-TRON 2 5P5 7027.060-12M		18630	131	142	22162	113	50
I-TRON 2 5P5 7027.070-12M		21600	152	142	25746	132	50
I-TRON 2 5P5 7027.080-12M		24520	174	140	29294	152	50
I-TRON 2 5P5 7027.090-12M		27370	195	140	32803	172	50
I-TRON 2 5P5 7027.100-12M		30170	217	139	36276	191	50
I-TRON 2 5P5 7027.120-12M		35580	261	136	43110	232	50
I-TRON 2 5P5 7027.140-12M		40730	306	133	49795	272	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.

I-TRON 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)
I-TRON 2 5P5 7022.060-7M		9970	74,4	134	12928	65,8	50
I-TRON 2 5P5 7022.070-7M		11540	87	132	15019	77,2	50
I-TRON 2 5P5 7022.080-7M		13080	99,6	131	17088	88,6	50
I-TRON 2 5P5 7022.090-7M		14570	112	130	19135	100	50
I-TRON 2 5P5 7022.100-7M		16020	125	128	21161	112	50
I-TRON 2 5P5 7022.120-7M		18830	151	124	25147	135	50
I-TRON 2 5P5 7022.140-7M		21510	177	121	29047	159	50
I-TRON 2 5P5 7022.160-7M		24110	204	118	32860	183	50
I-TRON 2 5P5 7022.180-7M		26630	231	115	36586	207	50
I-TRON 2 5P5 7022.200-7M		29110	259	112	40225	231	35
I-TRON 2 5P5 7022.060-8M		11410	86,5	131	14775	75,2	50
I-TRON 2 5P5 7022.070-8M		13210	100	132	17164	88,2	50
I-TRON 2 5P5 7022.080-8M		14950	114	131	19529	101	50
I-TRON 2 5P5 7022.090-8M		16630	128	129	21869	114	50
I-TRON 2 5P5 7022.100-8M		18270	142	128	24184	128	50
I-TRON 2 5P5 7022.120-8M		21410	171	125	28740	154	50
I-TRON 2 5P5 7022.140-8M		24410	200	122	33197	181	50
I-TRON 2 5P5 7022.160-8M		27300	231	118	37554	209	50
I-TRON 2 5P5 7022.180-8M		30140	263	114	41812	236	50
I-TRON 2 5P5 7022.200-8M		32960	297	110	45971	264	35
I-TRON 2 5P5 7022.060-9M		12730	95,9	132	16622	84,6	50
I-TRON 2 5P5 7022.070-9M		14760	111	132	19310	99,2	50
I-TRON 2 5P5 7022.080-9M		16760	127	131	21970	114	50
I-TRON 2 5P5 7022.090-9M		18730	143	130	24603	129	50
I-TRON 2 5P5 7022.100-9M		20670	160	129	27207	144	50
I-TRON 2 5P5 7022.120-9M		24440	194	125	32332	174	50
I-TRON 2 5P5 7022.140-9M	STA	28070	229	122	37346	204	50
I-TRON 2 5P5 7022.160-9M	STA1	31550	264	119	42248	235	50
I-TRON 2 5P5 7022.180-9M	STU-S	34860	299	116	47039	266	35
I-TRON 2 5P5 7022.200-9M	S05	37990	334	113	51718	298	35
I-TRON 2 5P5 7022.060-10M	S07	14150	107	132	18468	94	50
I-TRON 2 5P5 7022.070-10M	STE-S	16410	124	132	21455	110	50
I-TRON 2 5P5 7022.080-10M		18630	142	131	24411	127	50
I-TRON 2 5P5 7022.090-10M		20810	160	130	27336	143	50
I-TRON 2 5P5 7022.100-10M		22960	178	128	30230	160	50
I-TRON 2 5P5 7022.120-10M		27110	216	125	35925	193	50
I-TRON 2 5P5 7022.140-10M		31080	254	122	41496	227	50
I-TRON 2 5P5 7022.160-10M		34850	293	118	46942	261	50
I-TRON 2 5P5 7022.180-10M		38410	332	115	52265	296	35
I-TRON 2 5P5 7022.200-10M		41740	371	112	57464	331	35
I-TRON 2 5P5 7022.060-11M		15550	120	129	20315	103	50
I-TRON 2 5P5 7022.070-11M		18040	139	129	23601	121	50
I-TRON 2 5P5 7022.080-11M		20480	159	128	26852	139	50
I-TRON 2 5P5 7022.090-11M		22870	179	127	30070	157	50
I-TRON 2 5P5 7022.100-11M		25220	199	126	33253	176	50
I-TRON 2 5P5 7022.120-11M		29780	240	124	39517	212	50
I-TRON 2 5P5 7022.140-11M		34130	281	121	45645	249	50
I-TRON 2 5P5 7022.160-11M		38260	323	118	51637	287	50
I-TRON 2 5P5 7022.180-11M		42150	365	115	57492	325	35
I-TRON 2 5P5 7022.060-12M		16970	131	129	22162	113	50
I-TRON 2 5P5 7022.070-12M		19670	152	129	25746	132	50
I-TRON 2 5P5 7022.080-12M		22320	174	128	29294	152	50
I-TRON 2 5P5 7022.090-12M		24920	195	127	32803	172	50
I-TRON 2 5P5 7022.100-12M		27470	217	126	36276	191	50
I-TRON 2 5P5 7022.120-12M		32390	261	124	43110	232	50
I-TRON 2 5P5 7022.140-12M		37080	306	121	49795	272	50
I-TRON 2 5P5 7022.160-12M		41540	352	118	56331	313	50
I-TRON 2 5P5 7022.180-12M		45760	398	114	62718	355	35
I-TRON 2 5P5 7022.060-7M		10120	74,4	136	12928	65,8	50
I-TRON 2 5P5 7022.070-7M		11730	87	134	15019	77,2	50
I-TRON 2 5P5 7022.080-7M		13330	99,6	133	17088	88,6	50
I-TRON 2 5P5 7022.090-7M		14900	112	133	19135	100	50
I-TRON 2 5P5 7022.100-7M	SV	16460	125	131	21161	112	50
I-TRON 2 5P5 7022.120-7M	STU-M	19500	151	129	25147	135	50
I-TRON 2 5P5 7022.140-7M	STE-M	22450	177	126	29047	159	50
I-TRON 2 5P5 7022.160-7M	STW	25270	204	123	32860	183	50
I-TRON 2 5P5 7022.180-7M		27950	231	120	36586	207	50
I-TRON 2 5P5 7022.200-7M		30480	259	117	40225	231	35
I-TRON 2 5P5 7022.060-8M		11590	86,5	133	14775	75,2	50
I-TRON 2 5P5 7022.070-8M		13430	100	134	17164	88,2	50

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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)
I-TRON 2 5P5 7022.080-8M	OP-DX OP-SX	15250	114	133	19529	101	50
I-TRON 2 5P5 7022.090-8M		17040	128	133	21869	114	50
I-TRON 2 5P5 7022.100-8M		18810	142	132	24184	128	50
I-TRON 2 5P5 7022.120-8M		22250	171	130	28740	154	50
I-TRON 2 5P5 7022.140-8M		25560	200	127	33197	181	50
I-TRON 2 5P5 7022.160-8M		28750	231	124	37554	209	50
I-TRON 2 5P5 7022.180-8M		31790	263	120	41812	236	50
I-TRON 2 5P5 7022.200-8M		34680	297	116	45971	264	35
I-TRON 2 5P5 7022.060-9M		13020	95,9	135	16622	84,6	50
I-TRON 2 5P5 7022.070-9M		15100	111	136	19310	99,2	50
I-TRON 2 5P5 7022.080-9M		17140	127	134	21970	114	50
I-TRON 2 5P5 7022.090-9M		19160	143	133	24603	129	50
I-TRON 2 5P5 7022.100-9M		21140	160	132	27207	144	50
I-TRON 2 5P5 7022.120-9M		25000	194	128	32332	174	50
I-TRON 2 5P5 7022.140-9M		28710	229	125	37346	204	50
I-TRON 2 5P5 7022.160-9M		32270	264	122	42248	235	50
I-TRON 2 5P5 7022.180-9M		35650	299	119	47039	266	35
I-TRON 2 5P5 7022.200-9M		38860	334	116	51718	298	35
I-TRON 2 5P5 7022.060-10M		14470	107	135	18468	94	50
I-TRON 2 5P5 7022.070-10M		16780	124	135	21455	110	50
I-TRON 2 5P5 7022.080-10M		19050	142	134	24411	127	50
I-TRON 2 5P5 7022.090-10M		21280	160	133	27336	143	50
I-TRON 2 5P5 7022.100-10M		23470	178	131	30230	160	50
I-TRON 2 5P5 7022.120-10M		27720	216	128	35925	193	50
I-TRON 2 5P5 7022.140-10M		31780	254	125	41496	227	50
I-TRON 2 5P5 7022.160-10M		35640	293	121	46942	261	50
I-TRON 2 5P5 7022.180-10M		39290	332	118	52265	296	35
I-TRON 2 5P5 7022.200-10M		42700	371	115	57464	331	35
I-TRON 2 5P5 7022.060-11M		15910	120	132	20315	103	50
I-TRON 2 5P5 7022.070-11M		18450	139	132	23601	121	50
I-TRON 2 5P5 7022.080-11M		20950	159	131	26852	139	50
I-TRON 2 5P5 7022.090-11M		23400	179	130	30070	157	50
I-TRON 2 5P5 7022.100-11M		25800	199	129	33253	176	50
I-TRON 2 5P5 7022.120-11M		30450	240	126	39517	212	50
I-TRON 2 5P5 7022.140-11M		34890	281	124	45645	249	50
I-TRON 2 5P5 7022.160-11M		39120	323	121	51637	287	50
I-TRON 2 5P5 7022.180-11M		43100	365	118	57492	325	35
I-TRON 2 5P5 7022.060-12M		17350	131	132	22162	113	50
I-TRON 2 5P5 7022.070-12M		20110	152	132	25746	132	50
I-TRON 2 5P5 7022.080-12M		22830	174	131	29294	152	50
I-TRON 2 5P5 7022.090-12M		25490	195	130	32803	172	50
I-TRON 2 5P5 7022.100-12M		28090	217	129	36276	191	50
I-TRON 2 5P5 7022.120-12M		33130	261	126	43110	232	50
I-TRON 2 5P5 7022.140-12M		37930	306	123	49795	272	50
I-TRON 2 5P5 7022.160-12M		42490	352	120	56331	313	50
I-TRON 2 5P5 7022.180-12M		46810	398	117	62718	355	35
I-TRON 2 5P5 7022.060-5M		7000	53,4	131	9234	47	50
I-TRON 2 5P5 7022.070-5M		8120	62,2	130	10728	55,1	50
I-TRON 2 5P5 7022.080-5M		9210	71	129	12206	63,3	50
I-TRON 2 5P5 7022.090-5M		10280	79,7	128	13668	71,5	50
I-TRON 2 5P5 7022.100-5M		11330	88,6	127	15115	79,8	50
I-TRON 2 5P5 7022.120-5M		13380	107	125	17962	96,5	50
I-TRON 2 5P5 7022.140-5M		15370	125	122	20748	113	50
I-TRON 2 5P5 7022.160-5M		17280	144	120	23471	130	35
I-TRON 2 5P5 7022.180-5M		19130	164	116	26133	148	35
I-TRON 2 5P5 7022.200-5M		20920	185	113	28732	165	35
I-TRON 2 5P5 7022.060-6M		8410	63,9	131	11081	56,4	50
I-TRON 2 5P5 7022.070-6M		9740	74,3	131	12873	66,1	50
I-TRON 2 5P5 7022.080-6M		11050	84,8	130	14647	75,9	50
I-TRON 2 5P5 7022.090-6M		12330	95,4	129	16402	85,8	50
I-TRON 2 5P5 7022.100-6M		13580	106	128	18138	95,7	50
I-TRON 2 5P5 7022.120-6M		16020	128	125	21555	116	50
I-TRON 2 5P5 7022.140-6M		18370	150	122	24897	136	50
I-TRON 2 5P5 7022.160-6M		20630	173	119	28165	157	35
I-TRON 2 5P5 7022.180-6M		22800	197	115	31359	177	35
I-TRON 2 5P5 7022.200-6M		24900	223	111	34478	198	35
I-TRON 2 5P5 7022.060-7M		9850	74,4	132	12928	65,8	50
I-TRON 2 5P5 7022.070-7M		11410	87	131	15019	77,2	50
I-TRON 2 5P5 7022.080-7M		12920	99,6	129	17088	88,6	50
I-TRON 2 5P5 7022.090-7M		14400	112	128	19135	100	50
I-TRON 2 5P5 7022.100-7M		15840	125	126	21161	112	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)
I-TRON 2 5P5 7022.120-7M		18610	151	123	25147	135	50
I-TRON 2 5P5 7022.140-7M		21270	177	120	29047	159	50
I-TRON 2 5P5 7022.160-7M		23840	204	116	32860	183	35
I-TRON 2 5P5 7022.180-7M		26330	231	113	36586	207	35
I-TRON 2 5P5 7022.200-7M		28780	259	111	40225	231	35
I-TRON 2 5P5 7022.060-8M		11270	86,5	130	14775	75,2	50
I-TRON 2 5P5 7022.070-8M		13050	100	130	17164	88,2	50
I-TRON 2 5P5 7022.080-8M		14770	114	129	19529	101	50
I-TRON 2 5P5 7022.090-8M		16440	128	128	21869	114	50
I-TRON 2 5P5 7022.100-8M		18050	142	127	24184	128	50
I-TRON 2 5P5 7022.120-8M		21160	171	123	28740	154	50
I-TRON 2 5P5 7022.140-8M		24130	200	120	33197	181	50
I-TRON 2 5P5 7022.160-8M		27000	231	116	37554	209	35
I-TRON 2 5P5 7022.180-8M		29800	263	113	41812	236	35
I-TRON 2 5P5 7022.200-8M		32590	297	109	45971	264	35
I-TRON 2 5P5 7022.060-9M		12590	95,9	131	16622	84,6	50
I-TRON 2 5P5 7022.070-9M		14600	111	131	19310	99,2	50
I-TRON 2 5P5 7022.080-9M		16570	127	130	21970	114	50
I-TRON 2 5P5 7022.090-9M		18520	143	129	24603	129	50
I-TRON 2 5P5 7022.100-9M		20440	160	127	27207	144	50
I-TRON 2 5P5 7022.120-9M		24170	194	124	32332	174	50
I-TRON 2 5P5 7022.140-9M		27760	229	121	37346	204	35
I-TRON 2 5P5 7022.160-9M		31190	264	118	42248	235	35
I-TRON 2 5P5 7022.060-10M		13990	107	130	18468	94	50
I-TRON 2 5P5 7022.070-10M		16230	124	130	21455	110	50
I-TRON 2 5P5 7022.080-10M		18420	142	129	24411	127	50
I-TRON 2 5P5 7022.090-10M		20580	160	128	27336	143	50
I-TRON 2 5P5 7022.100-10M		22700	178	127	30230	160	50
I-TRON 2 5P5 7022.120-10M		26800	216	124	35925	193	50
I-TRON 2 5P5 7022.140-10M		30720	254	120	41496	227	35
I-TRON 2 5P5 7022.160-10M		34450	293	117	46942	261	35
I-TRON 2 5P5 7022.060-11M		15380	120	128	20315	103	50
I-TRON 2 5P5 7022.070-11M		17840	139	128	23601	121	50
I-TRON 2 5P5 7022.080-11M		20250	159	127	26852	139	50
I-TRON 2 5P5 7022.090-11M		22620	179	126	30070	157	50
I-TRON 2 5P5 7022.100-11M		24940	199	125	33253	176	50
I-TRON 2 5P5 7022.120-11M		29440	240	122	39517	212	50
I-TRON 2 5P5 7022.140-11M		33740	281	120	45645	249	35
I-TRON 2 5P5 7022.060-12M		16770	131	128	22162	113	50
I-TRON 2 5P5 7022.070-12M		19440	152	127	25746	132	50
I-TRON 2 5P5 7022.080-12M		22070	174	126	29294	152	50
I-TRON 2 5P5 7022.090-12M		24640	195	126	32803	172	50
I-TRON 2 5P5 7022.100-12M		27150	217	125	36276	191	50
I-TRON 2 5P5 7022.120-12M		32020	261	122	43110	232	50
I-TRON 2 5P5 7022.140-12M		36660	306	119	49795	272	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.

I-TRON 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)
I-TRON 2 4P4 7040.080-7M	S05 S07 STE-S	12910	79,7	161	13670	70,9	50
I-TRON 2 4P4 7040.090-7M		14380	89,8	160	15308	80,1	50
I-TRON 2 4P4 7040.100-7M		15820	100	158	16929	89,4	50
I-TRON 2 4P4 7040.120-7M		18590	121	153	20118	108	50
I-TRON 2 4P4 7040.140-7M		21250	142	149	23238	127	50
I-TRON 2 4P4 7040.160-7M		23810	164	145	26288	146	50
I-TRON 2 4P4 7040.180-7M		26310	185	142	29269	166	50
I-TRON 2 4P4 7040.200-7M		28750	207	138	32180	185	35
I-TRON 2 4P4 7040.080-8M		14760	92	160	15623	81	50
I-TRON 2 4P4 7040.090-8M		16430	103	159	17495	91,5	50
I-TRON 2 4P4 7040.100-8M		18040	114	158	19347	102	50
I-TRON 2 4P4 7040.120-8M		21140	137	154	22992	123	50
I-TRON 2 4P4 7040.140-8M		24100	160	150	26557	145	50
I-TRON 2 4P4 7040.160-8M		26960	185	145	30043	167	50
I-TRON 2 4P4 7040.180-8M		29770	210	141	33450	189	50
I-TRON 2 4P4 7040.200-8M		32550	238	136	36777	212	35
I-TRON 2 4P4 7040.080-9M		16550	103	160	17576	91,1	50
I-TRON 2 4P4 7040.090-9M		18500	116	159	19682	103	50
I-TRON 2 4P4 7040.100-9M		20410	129	158	21766	115	50
I-TRON 2 4P4 7040.120-9M		24140	156	154	25866	139	50
I-TRON 2 4P4 7040.140-9M		27720	184	150	29877	163	50
I-TRON 2 4P4 7040.160-9M		31150	212	146	33799	188	50
I-TRON 2 4P4 7040.180-9M		34420	240	143	37631	213	35
I-TRON 2 4P4 7040.200-9M		37510	267	140	41374	238	35
I-TRON 2 4P4 7040.080-10M		18400	114	161	19529	101	50
I-TRON 2 4P4 7040.090-10M		20560	128	160	21869	114	50
I-TRON 2 4P4 7040.100-10M		22670	143	158	24184	128	50
I-TRON 2 4P4 7040.120-10M		26770	173	154	28740	154	50
I-TRON 2 4P4 7040.140-10M		30690	204	150	33197	181	50
I-TRON 2 4P4 7040.160-10M		34410	235	146	37554	209	50
I-TRON 2 4P4 7040.180-10M		37930	266	142	41812	236	35
I-TRON 2 4P4 7040.200-10M		41220	297	138	45971	264	35
I-TRON 2 4P4 7040.080-11M		20220	128	157	21482	111	50
I-TRON 2 4P4 7040.090-11M		22590	144	156	24056	126	50
I-TRON 2 4P4 7040.100-11M		24910	160	155	26602	140	50
I-TRON 2 4P4 7040.120-11M		29410	192	153	31614	170	50
I-TRON 2 4P4 7040.140-11M		33700	225	149	36516	200	50
I-TRON 2 4P4 7040.160-11M		37780	258	146	41309	230	50
I-TRON 2 4P4 7040.180-11M		41620	292	142	45993	260	35
I-TRON 2 4P4 7040.080-12M		22040	140	157	23435	122	50
I-TRON 2 4P4 7040.090-12M		24610	157	156	26243	137	50
I-TRON 2 4P4 7040.100-12M		27120	174	155	29021	153	50
I-TRON 2 4P4 7040.120-12M		31980	209	153	34488	185	50
I-TRON 2 4P4 7040.140-12M		36620	245	149	39836	218	50
I-TRON 2 4P4 7040.160-12M		41030	281	146	45065	251	50
I-TRON 2 4P4 7040.180-12M		45190	318	142	50175	284	35
I-TRON 2 4P4 7040.080-7M	STA STA1 STU-S	13070	79,7	163	13670	70,9	50
I-TRON 2 4P4 7040.090-7M		14560	89,8	162	15308	80,1	50
I-TRON 2 4P4 7040.100-7M		16010	100	160	16929	89,4	50
I-TRON 2 4P4 7040.120-7M		18810	121	155	20118	108	50
I-TRON 2 4P4 7040.140-7M		21490	142	151	23238	127	50
I-TRON 2 4P4 7040.160-7M		24080	164	146	26288	146	50
I-TRON 2 4P4 7040.180-7M		26600	185	143	29269	166	50
I-TRON 2 4P4 7040.200-7M		29080	207	140	32180	185	35
I-TRON 2 4P4 7040.080-8M		14930	92	162	15623	81	50
I-TRON 2 4P4 7040.090-8M		16620	103	161	17495	91,5	50
I-TRON 2 4P4 7040.100-8M		18250	114	160	19347	102	50
I-TRON 2 4P4 7040.120-8M		21380	137	156	22992	123	50
I-TRON 2 4P4 7040.140-8M		24380	160	152	26557	145	50
I-TRON 2 4P4 7040.160-8M		27280	185	147	30043	167	50
I-TRON 2 4P4 7040.180-8M		30110	210	143	33450	189	50
I-TRON 2 4P4 7040.200-8M		32930	238	138	36777	212	35
I-TRON 2 4P4 7040.080-9M		16750	103	162	17576	91,1	50
I-TRON 2 4P4 7040.090-9M		18710	116	161	19682	103	50
I-TRON 2 4P4 7040.100-9M		20650	129	160	21766	115	50
I-TRON 2 4P4 7040.120-9M		24420	156	156	25866	139	50
I-TRON 2 4P4 7040.140-9M		28050	184	152	29877	163	50
I-TRON 2 4P4 7040.160-9M		31520	212	148	33799	188	50
I-TRON 2 4P4 7040.180-9M		34830	240	145	37631	213	35
I-TRON 2 4P4 7040.200-9M		37950	267	142	41374	238	35
I-TRON 2 4P4 7040.080-10M		18610	114	163	19529	101	50

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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)
I-TRON 2 4P4 7040.090-10M		20790	128	162	21869	114	50
I-TRON 2 4P4 7040.100-10M		22930	143	160	24184	128	50
I-TRON 2 4P4 7040.120-10M		27080	173	156	28740	154	50
I-TRON 2 4P4 7040.140-10M		31050	204	152	33197	181	50
I-TRON 2 4P4 7040.160-10M		34820	235	148	37554	209	50
I-TRON 2 4P4 7040.180-10M		38370	266	144	41812	236	35
I-TRON 2 4P4 7040.200-10M		41700	297	140	45971	264	35
I-TRON 2 4P4 7040.080-11M		20460	128	159	21482	111	50
I-TRON 2 4P4 7040.090-11M		22850	144	158	24056	126	50
I-TRON 2 4P4 7040.100-11M		25200	160	157	26602	140	50
I-TRON 2 4P4 7040.120-11M		29750	192	154	31614	170	50
I-TRON 2 4P4 7040.140-11M		34090	225	151	36516	200	50
I-TRON 2 4P4 7040.160-11M		38210	258	148	41309	230	50
I-TRON 2 4P4 7040.180-11M		42110	292	144	45993	260	35
I-TRON 2 4P4 7040.080-12M		22300	140	159	23435	122	50
I-TRON 2 4P4 7040.090-12M		24900	157	158	26243	137	50
I-TRON 2 4P4 7040.100-12M		27440	174	157	29021	153	50
I-TRON 2 4P4 7040.120-12M		32360	209	154	34488	185	50
I-TRON 2 4P4 7040.140-12M		37050	245	151	39836	218	50
I-TRON 2 4P4 7040.160-12M		41510	281	147	45065	251	50
I-TRON 2 4P4 7040.180-12M		45720	318	143	50175	284	35
I-TRON 2 4P4 7040.080-7M		13360	79,7	167	13670	70,9	50
I-TRON 2 4P4 7040.090-7M		14880	89,8	165	15308	80,1	50
I-TRON 2 4P4 7040.100-7M		16370	100	163	16929	89,4	50
I-TRON 2 4P4 7040.120-7M		19240	121	159	20118	108	50
I-TRON 2 4P4 7040.140-7M		21990	142	154	23238	127	50
I-TRON 2 4P4 7040.160-7M		24640	164	150	26288	146	50
I-TRON 2 4P4 7040.180-7M		27220	185	147	29269	166	50
I-TRON 2 4P4 7040.200-7M		29750	207	143	32180	185	35
I-TRON 2 4P4 7040.080-8M		15280	92	166	15623	81	50
I-TRON 2 4P4 7040.090-8M		17000	103	165	17495	91,5	50
I-TRON 2 4P4 7040.100-8M		18670	114	163	19347	102	50
I-TRON 2 4P4 7040.120-8M		21880	137	159	22992	123	50
I-TRON 2 4P4 7040.140-8M		24940	160	155	26557	145	50
I-TRON 2 4P4 7040.160-8M		27900	185	150	30043	167	50
I-TRON 2 4P4 7040.180-8M		30800	210	146	33450	189	50
I-TRON 2 4P4 7040.200-8M		33680	238	141	36777	212	35
I-TRON 2 4P4 7040.080-9M		17140	103	166	17576	91,1	50
I-TRON 2 4P4 7040.090-9M		19150	116	165	19682	103	50
I-TRON 2 4P4 7040.100-9M		21130	129	163	21766	115	50
I-TRON 2 4P4 7040.120-9M		24980	156	160	25866	139	50
I-TRON 2 4P4 7040.140-9M		28690	184	155	29877	163	50
I-TRON 2 4P4 7040.160-9M		32240	212	152	33799	188	50
I-TRON 2 4P4 7040.180-9M		35620	240	148	37631	213	35
I-TRON 2 4P4 7040.200-9M		38820	267	145	41374	238	35
I-TRON 2 4P4 7040.080-10M		19040	114	167	19529	101	50
I-TRON 2 4P4 7040.090-10M		21270	128	166	21869	114	50
I-TRON 2 4P4 7040.100-10M		23460	143	164	24184	128	50
I-TRON 2 4P4 7040.120-10M		27700	173	160	28740	154	50
I-TRON 2 4P4 7040.140-10M		31760	204	155	33197	181	50
I-TRON 2 4P4 7040.160-10M		35610	235	151	37554	209	50
I-TRON 2 4P4 7040.180-10M		39250	266	147	41812	236	35
I-TRON 2 4P4 7040.200-10M		42660	297	143	45971	264	35
I-TRON 2 4P4 7040.080-11M		20930	128	163	21482	111	50
I-TRON 2 4P4 7040.090-11M		23380	144	162	24056	126	50
I-TRON 2 4P4 7040.100-11M		25780	160	161	26602	140	50
I-TRON 2 4P4 7040.120-11M		30440	192	158	31614	170	50
I-TRON 2 4P4 7040.140-11M		34880	225	155	36516	200	50
I-TRON 2 4P4 7040.160-11M		39100	258	151	41309	230	50
I-TRON 2 4P4 7040.180-11M		43080	292	147	45993	260	35
I-TRON 2 4P4 7040.080-12M		22810	140	162	23435	122	50
I-TRON 2 4P4 7040.090-12M		25470	157	162	26243	137	50
I-TRON 2 4P4 7040.100-12M		28070	174	161	29021	153	50
I-TRON 2 4P4 7040.120-12M		33100	209	158	34488	185	50
I-TRON 2 4P4 7040.140-12M		37900	245	154	39836	218	50
I-TRON 2 4P4 7040.160-12M		42460	281	151	45065	251	50
I-TRON 2 4P4 7040.180-12M		46770	318	147	50175	284	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.

I-TRON 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)
I-TRON 2 4P4 7030.080-7M	S05 S07 STE-S	12130	79,7	152	13670	70,9	50
I-TRON 2 4P4 7030.090-7M		13520	89,8	150	15308	80,1	50
I-TRON 2 4P4 7030.100-7M		14870	100	148	16929	89,4	50
I-TRON 2 4P4 7030.120-7M		17480	121	144	20118	108	50
I-TRON 2 4P4 7030.140-7M		19980	142	140	23238	127	50
I-TRON 2 4P4 7030.160-7M		22380	164	136	26288	146	50
I-TRON 2 4P4 7030.180-7M		24730	185	133	29269	166	50
I-TRON 2 4P4 7030.200-7M		27030	207	130	32180	185	35
I-TRON 2 4P4 7030.080-8M		13880	92	150	15623	81	50
I-TRON 2 4P4 7030.090-8M		15440	103	149	17495	91,5	50
I-TRON 2 4P4 7030.100-8M		16960	114	148	19347	102	50
I-TRON 2 4P4 7030.120-8M		19870	137	145	22992	123	50
I-TRON 2 4P4 7030.140-8M		22650	160	141	26557	145	50
I-TRON 2 4P4 7030.160-8M		25340	185	136	30043	167	50
I-TRON 2 4P4 7030.180-8M		27980	210	133	33450	189	50
I-TRON 2 4P4 7030.200-8M		30600	238	128	36777	212	35
I-TRON 2 4P4 7030.080-9M		15560	103	151	17576	91,1	50
I-TRON 2 4P4 7030.090-9M		17390	116	149	19682	103	50
I-TRON 2 4P4 7030.100-9M		19190	129	148	21766	115	50
I-TRON 2 4P4 7030.120-9M		22690	156	145	25866	139	50
I-TRON 2 4P4 7030.140-9M		26060	184	141	29877	163	50
I-TRON 2 4P4 7030.160-9M		29280	212	138	33799	188	50
I-TRON 2 4P4 7030.180-9M		32350	240	134	37631	213	35
I-TRON 2 4P4 7030.200-9M		35260	267	132	41374	238	35
I-TRON 2 4P4 7030.080-10M		17300	114	151	19529	101	50
I-TRON 2 4P4 7030.090-10M		19320	128	150	21869	114	50
I-TRON 2 4P4 7030.100-10M		21310	143	149	24184	128	50
I-TRON 2 4P4 7030.120-10M		25160	173	145	28740	154	50
I-TRON 2 4P4 7030.140-10M		28850	204	141	33197	181	50
I-TRON 2 4P4 7030.160-10M		32350	235	137	37554	209	50
I-TRON 2 4P4 7030.180-10M		35650	266	134	41812	236	35
I-TRON 2 4P4 7030.200-10M		38750	297	130	45971	264	35
I-TRON 2 4P4 7030.080-11M		19010	128	148	21482	111	50
I-TRON 2 4P4 7030.090-11M		21230	144	147	24056	126	50
I-TRON 2 4P4 7030.100-11M		23420	160	146	26602	140	50
I-TRON 2 4P4 7030.120-11M		27640	192	143	31614	170	50
I-TRON 2 4P4 7030.140-11M		31680	225	140	36516	200	50
I-TRON 2 4P4 7030.160-11M		35510	258	137	41309	230	50
I-TRON 2 4P4 7030.180-11M		39130	292	134	45993	260	35
I-TRON 2 4P4 7030.080-12M		20720	140	148	23435	122	50
I-TRON 2 4P4 7030.090-12M		23130	157	147	26243	137	50
I-TRON 2 4P4 7030.100-12M		25490	174	146	29021	153	50
I-TRON 2 4P4 7030.120-12M		30060	209	143	34488	185	50
I-TRON 2 4P4 7030.140-12M		34420	245	140	39836	218	50
I-TRON 2 4P4 7030.160-12M		38560	281	137	45065	251	50
I-TRON 2 4P4 7030.180-12M		42480	318	133	50175	284	35
I-TRON 2 4P4 7030.080-7M	STA STA1 STU-S	12280	79,7	154	13670	70,9	50
I-TRON 2 4P4 7030.090-7M		13690	89,8	152	15308	80,1	50
I-TRON 2 4P4 7030.100-7M		15050	100	150	16929	89,4	50
I-TRON 2 4P4 7030.120-7M		17680	121	146	20118	108	50
I-TRON 2 4P4 7030.140-7M		20200	142	142	23238	127	50
I-TRON 2 4P4 7030.160-7M		22630	164	137	26288	146	50
I-TRON 2 4P4 7030.180-7M		25000	185	135	29269	166	50
I-TRON 2 4P4 7030.200-7M		27340	207	132	32180	185	35
I-TRON 2 4P4 7030.080-8M		14040	92	152	15623	81	50
I-TRON 2 4P4 7030.090-8M		15620	103	151	17495	91,5	50
I-TRON 2 4P4 7030.100-8M		17160	114	150	19347	102	50
I-TRON 2 4P4 7030.120-8M		20100	137	146	22992	123	50
I-TRON 2 4P4 7030.140-8M		22920	160	143	26557	145	50
I-TRON 2 4P4 7030.160-8M		25640	185	138	30043	167	50
I-TRON 2 4P4 7030.180-8M		28310	210	134	33450	189	50
I-TRON 2 4P4 7030.200-8M		30950	238	130	36777	212	35
I-TRON 2 4P4 7030.080-9M		15740	103	152	17576	91,1	50
I-TRON 2 4P4 7030.090-9M		17590	116	151	19682	103	50
I-TRON 2 4P4 7030.100-9M		19410	129	150	21766	115	50
I-TRON 2 4P4 7030.120-9M		22960	156	147	25866	139	50
I-TRON 2 4P4 7030.140-9M		26370	184	143	29877	163	50
I-TRON 2 4P4 7030.160-9M		29630	212	139	33799	188	50
I-TRON 2 4P4 7030.180-9M		32740	240	136	37631	213	35
I-TRON 2 4P4 7030.200-9M		35670	267	133	41374	238	35
I-TRON 2 4P4 7030.080-10M		17490	114	153	19529	101	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)
I-TRON 2 4P4 7030.090-10M		19540	128	152	21869	114	50
I-TRON 2 4P4 7030.100-10M		21550	143	150	24184	128	50
I-TRON 2 4P4 7030.120-10M		25460	173	147	28740	154	50
I-TRON 2 4P4 7030.140-10M		29190	204	143	33197	181	50
I-TRON 2 4P4 7030.160-10M		32730	235	139	37554	209	50
I-TRON 2 4P4 7030.180-10M		36070	266	135	41812	236	35
I-TRON 2 4P4 7030.200-10M		39200	297	131	45971	264	35
I-TRON 2 4P4 7030.080-11M		19230	128	150	21482	111	50
I-TRON 2 4P4 7030.090-11M		21480	144	149	24056	126	50
I-TRON 2 4P4 7030.100-11M		23690	160	148	26602	140	50
I-TRON 2 4P4 7030.120-11M		27960	192	145	31614	170	50
I-TRON 2 4P4 7030.140-11M		32040	225	142	36516	200	50
I-TRON 2 4P4 7030.160-11M		35920	258	139	41309	230	50
I-TRON 2 4P4 7030.180-11M		39580	292	135	45993	260	35
I-TRON 2 4P4 7030.080-12M		20960	140	149	23435	122	50
I-TRON 2 4P4 7030.090-12M		23400	157	149	26243	137	50
I-TRON 2 4P4 7030.100-12M		25790	174	148	29021	153	50
I-TRON 2 4P4 7030.120-12M		30420	209	145	34488	185	50
I-TRON 2 4P4 7030.140-12M		34830	245	142	39836	218	50
I-TRON 2 4P4 7030.160-12M		39020	281	138	45065	251	50
I-TRON 2 4P4 7030.180-12M		42980	318	135	50175	284	35
I-TRON 2 4P4 7030.080-7M		12560	79,7	157	13670	70,9	50
I-TRON 2 4P4 7030.090-7M		13990	89,8	155	15308	80,1	50
I-TRON 2 4P4 7030.100-7M		15390	100	153	16929	89,4	50
I-TRON 2 4P4 7030.120-7M		18090	121	149	20118	108	50
I-TRON 2 4P4 7030.140-7M		20670	142	145	23238	127	50
I-TRON 2 4P4 7030.160-7M		23160	164	141	26288	146	50
I-TRON 2 4P4 7030.180-7M		25590	185	138	29269	166	50
I-TRON 2 4P4 7030.200-7M		27970	207	135	32180	185	35
I-TRON 2 4P4 7030.080-8M		14360	92	156	15623	81	50
I-TRON 2 4P4 7030.090-8M		15980	103	155	17495	91,5	50
I-TRON 2 4P4 7030.100-8M		17550	114	153	19347	102	50
I-TRON 2 4P4 7030.120-8M		20560	137	150	22992	123	50
I-TRON 2 4P4 7030.140-8M		23440	160	146	26557	145	50
I-TRON 2 4P4 7030.160-8M		26230	185	141	30043	167	50
I-TRON 2 4P4 7030.180-8M		28950	210	137	33450	189	50
I-TRON 2 4P4 7030.200-8M		31660	238	133	36777	212	35
I-TRON 2 4P4 7030.080-9M		16110	103	156	17576	91,1	50
I-TRON 2 4P4 7030.090-9M		18000	116	155	19682	103	50
I-TRON 2 4P4 7030.100-9M		19860	129	153	21766	115	50
I-TRON 2 4P4 7030.120-9M		23480	156	150	25866	139	50
I-TRON 2 4P4 7030.140-9M		26970	184	146	29877	163	50
I-TRON 2 4P4 7030.160-9M		30300	212	142	33799	188	50
I-TRON 2 4P4 7030.180-9M		33480	240	139	37631	213	35
I-TRON 2 4P4 7030.200-9M		36490	267	136	41374	238	35
I-TRON 2 4P4 7030.080-10M		17900	114	157	19529	101	50
I-TRON 2 4P4 7030.090-10M		20000	128	156	21869	114	50
I-TRON 2 4P4 7030.100-10M		22050	143	154	24184	128	50
I-TRON 2 4P4 7030.120-10M		26040	173	150	28740	154	50
I-TRON 2 4P4 7030.140-10M		29850	204	146	33197	181	50
I-TRON 2 4P4 7030.160-10M		33480	235	142	37554	209	50
I-TRON 2 4P4 7030.180-10M		36900	266	138	41812	236	35
I-TRON 2 4P4 7030.200-10M		40100	297	135	45971	264	35
I-TRON 2 4P4 7030.080-11M		19670	128	153	21482	111	50
I-TRON 2 4P4 7030.090-11M		21980	144	152	24056	126	50
I-TRON 2 4P4 7030.100-11M		24230	160	151	26602	140	50
I-TRON 2 4P4 7030.120-11M		28610	192	149	31614	170	50
I-TRON 2 4P4 7030.140-11M		32790	225	145	36516	200	50
I-TRON 2 4P4 7030.160-11M		36750	258	142	41309	230	50
I-TRON 2 4P4 7030.180-11M		40500	292	138	45993	260	35
I-TRON 2 4P4 7030.080-12M		21440	140	153	23435	122	50
I-TRON 2 4P4 7030.090-12M		23940	157	152	26243	137	50
I-TRON 2 4P4 7030.100-12M		26390	174	151	29021	153	50
I-TRON 2 4P4 7030.120-12M		31120	209	148	34488	185	50
I-TRON 2 4P4 7030.140-12M		35630	245	145	39836	218	50
I-TRON 2 4P4 7030.160-12M		39910	281	142	45065	251	50
I-TRON 2 4P4 7030.180-12M		43970	318	138	50175	284	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.

I-TRON 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)
I-TRON 2 4P4 7027.080-7M	S05 S07 STE-S	11620	79,7	145	13670	70,9	50
I-TRON 2 4P4 7027.090-7M		12940	89,8	144	15308	80,1	50
I-TRON 2 4P4 7027.100-7M		14240	100	142	16929	89,4	50
I-TRON 2 4P4 7027.120-7M		16730	121	138	20118	108	50
I-TRON 2 4P4 7027.140-7M		19130	142	134	23238	127	50
I-TRON 2 4P4 7027.160-7M		21430	164	130	26288	146	50
I-TRON 2 4P4 7027.180-7M		23680	185	128	29269	166	50
I-TRON 2 4P4 7027.200-7M		25880	207	125	32180	185	35
I-TRON 2 4P4 7027.080-8M		13290	92	144	15623	81	50
I-TRON 2 4P4 7027.090-8M		14780	103	143	17495	91,5	50
I-TRON 2 4P4 7027.100-8M		16240	114	142	19347	102	50
I-TRON 2 4P4 7027.120-8M		19030	137	138	22992	123	50
I-TRON 2 4P4 7027.140-8M		21690	160	135	26557	145	50
I-TRON 2 4P4 7027.160-8M		24270	185	131	30043	167	50
I-TRON 2 4P4 7027.180-8M		26790	210	127	33450	189	50
I-TRON 2 4P4 7027.200-8M		29300	238	123	36777	212	35
I-TRON 2 4P4 7027.080-9M		14900	103	144	17576	91,1	50
I-TRON 2 4P4 7027.090-9M		16650	116	143	19682	103	50
I-TRON 2 4P4 7027.100-9M		18370	129	142	21766	115	50
I-TRON 2 4P4 7027.120-9M		21720	156	139	25866	139	50
I-TRON 2 4P4 7027.140-9M		24950	184	135	29877	163	50
I-TRON 2 4P4 7027.160-9M		28040	212	132	33799	188	50
I-TRON 2 4P4 7027.180-9M		30980	240	129	37631	213	35
I-TRON 2 4P4 7027.200-9M		33760	267	126	41374	238	35
I-TRON 2 4P4 7027.080-10M		16560	114	145	19529	101	50
I-TRON 2 4P4 7027.090-10M		18500	128	144	21869	114	50
I-TRON 2 4P4 7027.100-10M		20400	143	142	24184	128	50
I-TRON 2 4P4 7027.120-10M		24090	173	139	28740	154	50
I-TRON 2 4P4 7027.140-10M		27620	204	135	33197	181	50
I-TRON 2 4P4 7027.160-10M		30970	235	131	37554	209	50
I-TRON 2 4P4 7027.180-10M		34140	266	128	41812	236	35
I-TRON 2 4P4 7027.200-10M		37100	297	124	45971	264	35
I-TRON 2 4P4 7027.080-11M		18200	128	142	21482	111	50
I-TRON 2 4P4 7027.090-11M		20330	144	141	24056	126	50
I-TRON 2 4P4 7027.100-11M		22420	160	140	26602	140	50
I-TRON 2 4P4 7027.120-11M		26470	192	137	31614	170	50
I-TRON 2 4P4 7027.140-11M		30330	225	134	36516	200	50
I-TRON 2 4P4 7027.160-11M		34000	258	131	41309	230	50
I-TRON 2 4P4 7027.180-11M		37460	292	128	45993	260	35
I-TRON 2 4P4 7027.080-12M		19840	140	141	23435	122	50
I-TRON 2 4P4 7027.090-12M		22150	157	141	26243	137	50
I-TRON 2 4P4 7027.100-12M		24410	174	140	29021	153	50
I-TRON 2 4P4 7027.120-12M		28780	209	137	34488	185	50
I-TRON 2 4P4 7027.140-12M		32960	245	134	39836	218	50
I-TRON 2 4P4 7027.160-12M		36920	281	131	45065	251	50
I-TRON 2 4P4 7027.180-12M		40670	318	127	50175	284	35
I-TRON 2 4P4 7027.080-7M	STA STA1 STU-S	11760	79,7	147	13670	70,9	50
I-TRON 2 4P4 7027.090-7M		13100	89,8	145	15308	80,1	50
I-TRON 2 4P4 7027.100-7M		14410	100	144	16929	89,4	50
I-TRON 2 4P4 7027.120-7M		16930	121	139	20118	108	50
I-TRON 2 4P4 7027.140-7M		19340	142	136	23238	127	50
I-TRON 2 4P4 7027.160-7M		21670	164	132	26288	146	50
I-TRON 2 4P4 7027.180-7M		23940	185	129	29269	166	50
I-TRON 2 4P4 7027.200-7M		26170	207	126	32180	185	35
I-TRON 2 4P4 7027.080-8M		13440	92	146	15623	81	50
I-TRON 2 4P4 7027.090-8M		14960	103	145	17495	91,5	50
I-TRON 2 4P4 7027.100-8M		16430	114	144	19347	102	50
I-TRON 2 4P4 7027.120-8M		19250	137	140	22992	123	50
I-TRON 2 4P4 7027.140-8M		21940	160	137	26557	145	50
I-TRON 2 4P4 7027.160-8M		24550	185	132	30043	167	50
I-TRON 2 4P4 7027.180-8M		27100	210	129	33450	189	50
I-TRON 2 4P4 7027.200-8M		29640	238	124	36777	212	35
I-TRON 2 4P4 7027.080-9M		15070	103	146	17576	91,1	50
I-TRON 2 4P4 7027.090-9M		16840	116	145	19682	103	50
I-TRON 2 4P4 7027.100-9M		18590	129	144	21766	115	50
I-TRON 2 4P4 7027.120-9M		21980	156	140	25866	139	50
I-TRON 2 4P4 7027.140-9M		25250	184	137	29877	163	50
I-TRON 2 4P4 7027.160-9M		28370	212	133	33799	188	50
I-TRON 2 4P4 7027.180-9M		31340	240	130	37631	213	35
I-TRON 2 4P4 7027.200-9M		34160	267	127	41374	238	35
I-TRON 2 4P4 7027.080-10M		16750	114	146	19529	101	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)
I-TRON 2 4P4 7027.090-10M		18710	128	146	21869	114	50
I-TRON 2 4P4 7027.100-10M		20640	143	144	24184	128	50
I-TRON 2 4P4 7027.120-10M		24370	173	140	28740	154	50
I-TRON 2 4P4 7027.140-10M		27950	204	137	33197	181	50
I-TRON 2 4P4 7027.160-10M		31340	235	133	37554	209	50
I-TRON 2 4P4 7027.180-10M		34540	266	129	41812	236	35
I-TRON 2 4P4 7027.200-10M		37530	297	126	45971	264	35
I-TRON 2 4P4 7027.080-11M		18410	128	143	21482	111	50
I-TRON 2 4P4 7027.090-11M		20570	144	142	24056	126	50
I-TRON 2 4P4 7027.100-11M		22680	160	141	26602	140	50
I-TRON 2 4P4 7027.120-11M		26770	192	139	31614	170	50
I-TRON 2 4P4 7027.140-11M		30680	225	136	36516	200	50
I-TRON 2 4P4 7027.160-11M		34390	258	133	41309	230	50
I-TRON 2 4P4 7027.180-11M		37900	292	129	45993	260	35
I-TRON 2 4P4 7027.080-12M		20070	140	143	23435	122	50
I-TRON 2 4P4 7027.090-12M		22410	157	142	26243	137	50
I-TRON 2 4P4 7027.100-12M		24700	174	141	29021	153	50
I-TRON 2 4P4 7027.120-12M		29120	209	139	34488	185	50
I-TRON 2 4P4 7027.140-12M		33350	245	136	39836	218	50
I-TRON 2 4P4 7027.160-12M		37360	281	132	45065	251	50
I-TRON 2 4P4 7027.180-12M		41150	318	129	50175	284	35
I-TRON 2 4P4 7027.080-7M		12020	79,7	150	13670	70,9	50
I-TRON 2 4P4 7027.090-7M		13390	89,8	149	15308	80,1	50
I-TRON 2 4P4 7027.100-7M		14730	100	147	16929	89,4	50
I-TRON 2 4P4 7027.120-7M		17320	121	143	20118	108	50
I-TRON 2 4P4 7027.140-7M		19790	142	139	23238	127	50
I-TRON 2 4P4 7027.160-7M		22180	164	135	26288	146	50
I-TRON 2 4P4 7027.180-7M		24500	185	132	29269	166	50
I-TRON 2 4P4 7027.200-7M		26780	207	129	32180	185	35
I-TRON 2 4P4 7027.080-8M		13750	92	149	15623	81	50
I-TRON 2 4P4 7027.090-8M		15300	103	148	17495	91,5	50
I-TRON 2 4P4 7027.100-8M		16800	114	147	19347	102	50
I-TRON 2 4P4 7027.120-8M		19690	137	143	22992	123	50
I-TRON 2 4P4 7027.140-8M		22450	160	140	26557	145	50
I-TRON 2 4P4 7027.160-8M		25110	185	135	30043	167	50
I-TRON 2 4P4 7027.180-8M		27720	210	132	33450	189	50
I-TRON 2 4P4 7027.200-8M		30310	238	127	36777	212	35
I-TRON 2 4P4 7027.080-9M		15420	103	149	17576	91,1	50
I-TRON 2 4P4 7027.090-9M		17240	116	148	19682	103	50
I-TRON 2 4P4 7027.100-9M		19020	129	147	21766	115	50
I-TRON 2 4P4 7027.120-9M		22490	156	144	25866	139	50
I-TRON 2 4P4 7027.140-9M		25820	184	140	29877	163	50
I-TRON 2 4P4 7027.160-9M		29010	212	136	33799	188	50
I-TRON 2 4P4 7027.180-9M		32060	240	133	37631	213	35
I-TRON 2 4P4 7027.200-9M		34940	267	130	41374	238	35
I-TRON 2 4P4 7027.080-10M		17140	114	150	19529	101	50
I-TRON 2 4P4 7027.090-10M		19140	128	149	21869	114	50
I-TRON 2 4P4 7027.100-10M		21110	143	147	24184	128	50
I-TRON 2 4P4 7027.120-10M		24930	173	144	28740	154	50
I-TRON 2 4P4 7027.140-10M		28580	204	140	33197	181	50
I-TRON 2 4P4 7027.160-10M		32050	235	136	37554	209	50
I-TRON 2 4P4 7027.180-10M		35330	266	132	41812	236	35
I-TRON 2 4P4 7027.200-10M		38390	297	129	45971	264	35
I-TRON 2 4P4 7027.080-11M		18840	128	147	21482	111	50
I-TRON 2 4P4 7027.090-11M		21040	144	146	24056	126	50
I-TRON 2 4P4 7027.100-11M		23200	160	145	26602	140	50
I-TRON 2 4P4 7027.120-11M		27390	192	142	31614	170	50
I-TRON 2 4P4 7027.140-11M		31390	225	139	36516	200	50
I-TRON 2 4P4 7027.160-11M		35190	258	136	41309	230	50
I-TRON 2 4P4 7027.180-11M		38770	292	132	45993	260	35
I-TRON 2 4P4 7027.080-12M		20530	140	146	23435	122	50
I-TRON 2 4P4 7027.090-12M		22920	157	145	26243	137	50
I-TRON 2 4P4 7027.100-12M		25260	174	145	29021	153	50
I-TRON 2 4P4 7027.120-12M		29790	209	142	34488	185	50
I-TRON 2 4P4 7027.140-12M		34110	245	139	39836	218	50
I-TRON 2 4P4 7027.160-12M		38210	281	135	45065	251	50
I-TRON 2 4P4 7027.180-12M		42090	318	132	50175	284	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.

I-TRON 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)
I-TRON 2 4P4 7022.080-7M	S05 S07 STE-S	10460	79,7	131	13670	70,9	50
I-TRON 2 4P4 7022.090-7M		11650	89,8	129	15308	80,1	50
I-TRON 2 4P4 7022.100-7M		12810	100	128	16929	89,4	50
I-TRON 2 4P4 7022.120-7M		15060	121	124	20118	108	50
I-TRON 2 4P4 7022.140-7M		17210	142	121	23238	127	50
I-TRON 2 4P4 7022.160-7M		19290	164	117	26288	146	50
I-TRON 2 4P4 7022.180-7M		21310	185	115	29269	166	50
I-TRON 2 4P4 7022.200-7M		23290	207	112	32180	185	35
I-TRON 2 4P4 7022.080-8M		11960	92	130	15623	81	50
I-TRON 2 4P4 7022.090-8M		13300	103	129	17495	91,5	50
I-TRON 2 4P4 7022.100-8M		14610	114	128	19347	102	50
I-TRON 2 4P4 7022.120-8M		17120	137	124	22992	123	50
I-TRON 2 4P4 7022.140-8M		19520	160	122	26557	145	50
I-TRON 2 4P4 7022.160-8M		21840	185	118	30043	167	50
I-TRON 2 4P4 7022.180-8M		24110	210	114	33450	189	50
I-TRON 2 4P4 7022.200-8M		26370	238	110	36777	212	35
I-TRON 2 4P4 7022.080-9M		13410	103	130	17576	91,1	50
I-TRON 2 4P4 7022.090-9M		14980	116	129	19682	103	50
I-TRON 2 4P4 7022.100-9M		16530	129	128	21766	115	50
I-TRON 2 4P4 7022.120-9M		19550	156	125	25866	139	50
I-TRON 2 4P4 7022.140-9M		22450	184	122	29877	163	50
I-TRON 2 4P4 7022.160-9M		25230	212	119	33799	188	50
I-TRON 2 4P4 7022.180-9M		27880	240	116	37631	213	35
I-TRON 2 4P4 7022.200-9M		30380	267	113	41374	238	35
I-TRON 2 4P4 7022.080-10M		14900	114	130	19529	101	50
I-TRON 2 4P4 7022.090-10M		16650	128	130	21869	114	50
I-TRON 2 4P4 7022.100-10M		18360	143	128	24184	128	50
I-TRON 2 4P4 7022.120-10M		21680	173	125	28740	154	50
I-TRON 2 4P4 7022.140-10M		24860	204	121	33197	181	50
I-TRON 2 4P4 7022.160-10M		27870	235	118	37554	209	50
I-TRON 2 4P4 7022.180-10M		30720	266	115	41812	236	35
I-TRON 2 4P4 7022.200-10M		33390	297	112	45971	264	35
I-TRON 2 4P4 7022.080-11M		16380	128	127	21482	111	50
I-TRON 2 4P4 7022.090-11M		18300	144	127	24056	126	50
I-TRON 2 4P4 7022.100-11M		20180	160	126	26602	140	50
I-TRON 2 4P4 7022.120-11M		23820	192	124	31614	170	50
I-TRON 2 4P4 7022.140-11M		27300	225	121	36516	200	50
I-TRON 2 4P4 7022.160-11M		30600	258	118	41309	230	50
I-TRON 2 4P4 7022.180-11M		33720	292	115	45993	260	35
I-TRON 2 4P4 7022.080-12M		17850	140	127	23435	122	50
I-TRON 2 4P4 7022.090-12M		19930	157	126	26243	137	50
I-TRON 2 4P4 7022.100-12M		21970	174	126	29021	153	50
I-TRON 2 4P4 7022.120-12M		25910	209	123	34488	185	50
I-TRON 2 4P4 7022.140-12M		29660	245	121	39836	218	50
I-TRON 2 4P4 7022.160-12M		33230	281	118	45065	251	50
I-TRON 2 4P4 7022.180-12M		36600	318	115	50175	284	35
I-TRON 2 4P4 7022.080-7M	STA STA1 STU-S	10590	79,7	132	13670	70,9	50
I-TRON 2 4P4 7022.090-7M		11790	89,8	131	15308	80,1	50
I-TRON 2 4P4 7022.100-7M		12970	100	129	16929	89,4	50
I-TRON 2 4P4 7022.120-7M		15240	121	125	20118	108	50
I-TRON 2 4P4 7022.140-7M		17410	142	122	23238	127	50
I-TRON 2 4P4 7022.160-7M		19500	164	118	26288	146	50
I-TRON 2 4P4 7022.180-7M		21550	185	116	29269	166	50
I-TRON 2 4P4 7022.200-7M		23550	207	113	32180	185	35
I-TRON 2 4P4 7022.080-8M		12100	92	131	15623	81	50
I-TRON 2 4P4 7022.090-8M		13460	103	130	17495	91,5	50
I-TRON 2 4P4 7022.100-8M		14780	114	129	19347	102	50
I-TRON 2 4P4 7022.120-8M		17320	137	126	22992	123	50
I-TRON 2 4P4 7022.140-8M		19750	160	123	26557	145	50
I-TRON 2 4P4 7022.160-8M		22090	185	119	30043	167	50
I-TRON 2 4P4 7022.180-8M		24390	210	116	33450	189	50
I-TRON 2 4P4 7022.200-8M		26670	238	112	36777	212	35
I-TRON 2 4P4 7022.080-9M		13560	103	131	17576	91,1	50
I-TRON 2 4P4 7022.090-9M		15160	116	130	19682	103	50
I-TRON 2 4P4 7022.100-9M		16730	129	129	21766	115	50
I-TRON 2 4P4 7022.120-9M		19780	156	126	25866	139	50
I-TRON 2 4P4 7022.140-9M		22720	184	123	29877	163	50
I-TRON 2 4P4 7022.160-9M		25530	212	120	33799	188	50
I-TRON 2 4P4 7022.180-9M		28210	240	117	37631	213	35
I-TRON 2 4P4 7022.200-9M		30740	267	115	41374	238	35
I-TRON 2 4P4 7022.080-10M		15070	114	132	19529	101	50

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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)
I-TRON 2 4P4 7022.090-10M		16840	128	131	21869	114	50
I-TRON 2 4P4 7022.100-10M		18570	143	129	24184	128	50
I-TRON 2 4P4 7022.120-10M		21940	173	126	28740	154	50
I-TRON 2 4P4 7022.140-10M		25150	204	123	33197	181	50
I-TRON 2 4P4 7022.160-10M		28200	235	120	37554	209	50
I-TRON 2 4P4 7022.180-10M		31080	266	116	41812	236	35
I-TRON 2 4P4 7022.200-10M		33780	297	113	45971	264	35
I-TRON 2 4P4 7022.080-11M		16570	128	129	21482	111	50
I-TRON 2 4P4 7022.090-11M		18510	144	128	24056	126	50
I-TRON 2 4P4 7022.100-11M		20410	160	127	26602	140	50
I-TRON 2 4P4 7022.120-11M		24100	192	125	31614	170	50
I-TRON 2 4P4 7022.140-11M		27610	225	122	36516	200	50
I-TRON 2 4P4 7022.160-11M		30950	258	119	41309	230	50
I-TRON 2 4P4 7022.180-11M		34110	292	116	45993	260	35
I-TRON 2 4P4 7022.080-12M		18060	140	129	23435	122	50
I-TRON 2 4P4 7022.090-12M		20170	157	128	26243	137	50
I-TRON 2 4P4 7022.100-12M		22230	174	127	29021	153	50
I-TRON 2 4P4 7022.120-12M		26210	209	125	34488	185	50
I-TRON 2 4P4 7022.140-12M		30010	245	122	39836	218	50
I-TRON 2 4P4 7022.160-12M		33620	281	119	45065	251	50
I-TRON 2 4P4 7022.180-12M		37040	318	116	50175	284	35
I-TRON 2 4P4 7022.080-7M		10820	79,7	135	13670	70,9	50
I-TRON 2 4P4 7022.090-7M		12060	89,8	134	15308	80,1	50
I-TRON 2 4P4 7022.100-7M		13260	100	132	16929	89,4	50
I-TRON 2 4P4 7022.120-7M		15580	121	128	20118	108	50
I-TRON 2 4P4 7022.140-7M		17810	142	125	23238	127	50
I-TRON 2 4P4 7022.160-7M		19960	164	121	26288	146	50
I-TRON 2 4P4 7022.180-7M		22050	185	119	29269	166	50
I-TRON 2 4P4 7022.200-7M		24100	207	116	32180	185	35
I-TRON 2 4P4 7022.080-8M		12370	92	134	15623	81	50
I-TRON 2 4P4 7022.090-8M		13770	103	133	17495	91,5	50
I-TRON 2 4P4 7022.100-8M		15120	114	132	19347	102	50
I-TRON 2 4P4 7022.120-8M		17720	137	129	22992	123	50
I-TRON 2 4P4 7022.140-8M		20200	160	126	26557	145	50
I-TRON 2 4P4 7022.160-8M		22600	185	122	30043	167	50
I-TRON 2 4P4 7022.180-8M		24950	210	118	33450	189	50
I-TRON 2 4P4 7022.200-8M		27280	238	114	36777	212	35
I-TRON 2 4P4 7022.080-9M		13880	103	134	17576	91,1	50
I-TRON 2 4P4 7022.090-9M		15510	116	133	19682	103	50
I-TRON 2 4P4 7022.100-9M		17120	129	132	21766	115	50
I-TRON 2 4P4 7022.120-9M		20240	156	129	25866	139	50
I-TRON 2 4P4 7022.140-9M		23240	184	126	29877	163	50
I-TRON 2 4P4 7022.160-9M		26110	212	123	33799	188	50
I-TRON 2 4P4 7022.180-9M		28850	240	120	37631	213	35
I-TRON 2 4P4 7022.200-9M		31440	267	117	41374	238	35
I-TRON 2 4P4 7022.080-10M		15420	114	135	19529	101	50
I-TRON 2 4P4 7022.090-10M		17230	128	134	21869	114	50
I-TRON 2 4P4 7022.100-10M		19000	143	132	24184	128	50
I-TRON 2 4P4 7022.120-10M		22440	173	129	28740	154	50
I-TRON 2 4P4 7022.140-10M		25730	204	126	33197	181	50
I-TRON 2 4P4 7022.160-10M		28850	235	122	37554	209	50
I-TRON 2 4P4 7022.180-10M		31790	266	119	41812	236	35
I-TRON 2 4P4 7022.200-10M		34550	297	116	45971	264	35
I-TRON 2 4P4 7022.080-11M		16950	128	132	21482	111	50
I-TRON 2 4P4 7022.090-11M		18940	144	131	24056	126	50
I-TRON 2 4P4 7022.100-11M		20880	160	130	26602	140	50
I-TRON 2 4P4 7022.120-11M		24650	192	128	31614	170	50
I-TRON 2 4P4 7022.140-11M		28250	225	125	36516	200	50
I-TRON 2 4P4 7022.160-11M		31670	258	122	41309	230	50
I-TRON 2 4P4 7022.180-11M		34900	292	119	45993	260	35
I-TRON 2 4P4 7022.080-12M		18480	140	132	23435	122	50
I-TRON 2 4P4 7022.090-12M		20630	157	131	26243	137	50
I-TRON 2 4P4 7022.100-12M		22740	174	130	29021	153	50
I-TRON 2 4P4 7022.120-12M		26810	209	128	34488	185	50
I-TRON 2 4P4 7022.140-12M		30700	245	125	39836	218	50
I-TRON 2 4P4 7022.160-12M		34390	281	122	45065	251	50
I-TRON 2 4P4 7022.180-12M		37880	318	119	50175	284	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.