

I-TRON

ZERO

I-TRON ZERO TW

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. Colour temperature adjustable: DF: 3000K ÷ 2200K, DE: 2700K ÷ 2200K, EG: 4000K ÷ 2700K (others on request) CRI≥70 LOR= 100%, DLOR= 100%, ULOR= 0% Photobiological safety class: EXEMPT GROUP
Insulation class	II, I
Protection degree	IP66/IP67 IK09 total
Dimensions	See the drawing
Weight	max 6 kg
Exposed surface	Side: 0.03m ² – Top: 0.13 m ² SCx 0.04 m ²
Mounting	Bracket / Post-top: Ø33mm ÷ Ø60mm Ø60mm ÷ Ø76mm(optional)
Tilt Angle	Post-top: -10°/+25° (step 5°) Bracket: -25°/+10° (step 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

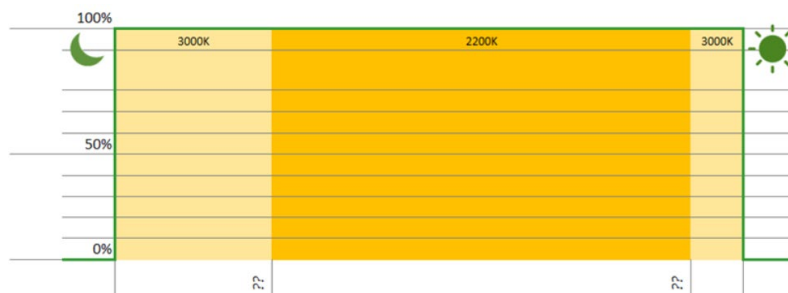
Rated voltage	220+240V 50/60Hz (Standard tolerance +/-10%, other voltages and tolerances upon request)
Power factor	>0,95 (at full load)
Mains connection	Terminal block for cables max section 4mm ²
Surge protection	Up to 12kV With SPD: CL.II: 10kV / 10kV CM/DM CL.I: 12kV / 10kV CM/DM Without SPD: CL.II: 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)	TWC1: Tunable White constant flux profile with 1 color change. TWS1: Tunable White with reduction of luminous flux with 1 color change step. TWS2: Tunable White with reduction of luminous flux with 2 color change steps. NEMA: Socket 7 pin (ANSI C136.41). ZHAGA: Socket 4 pin (ZHAGA Book 18).
Optical unit lifetime (Tq=25°C)	>100.000hr L90B10 >100.000hr L90, TM-21

MATERIALS

Fixing	Die-cast aluminum UNI EN1706 powder painted.
Lower frame	
Upper canopy	
Closure hook	Extruded aluminium with stainless steel spring.
Optic	99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)
Screen	Flat tempered glass, 4mm thickness high transparency.
Cable gland	Plastic M20x1.5 - IP68
Gasket	Polyurethane without joints.
Colour	Graphite - Cod. 01

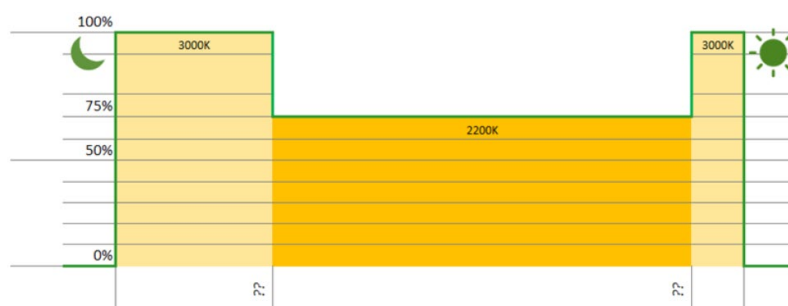
COLOR ADJUSTMENT PROFILES

TWC1

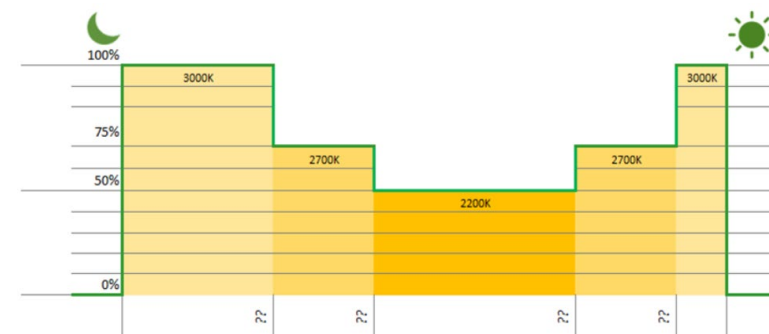


The TWC1 profile (Constant luminous flux profile with 1 color change) allows the use of Tunable White technology in contexts where it is necessary to guarantee the same level of luminous intensity throughout the night, but a change in color temperature is required at night.

TWS1



TWS2



The TWS1 and TWS2 profiles (Profiles with flow reduction at 1 or 2 color change steps) allow color change and reduction of luminous flux, allowing energy savings to be achieved. The flow reduction occurs at the same time as the color change. The reduction steps have been set so as to have exactly 75% and 50% of the initial flow of the luminaire and therefore allow a correct reduction of the flow depending on the lighting categories of the environment to be illuminated.

I-TRON ZERO 5P5 DE

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE FLUX* (2400K, lm)	LUMINAIRE FLUX* (2200K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (2700K, lm/W)
I-TRON ZERO 5P5 70DE.090-2M	S05 S07 STA STA1 STE-S STU-S	90	2300	2170	2070	19.1	120.4
I-TRON ZERO 5P5 70DE.100-2M		100	2550	2410	2290	21.2	120.2
I-TRON ZERO 5P5 70DE.120-2M		120	3040	2870	2730	24.5	124.0
I-TRON ZERO 5P5 70DE.140-2M		140	3510	3320	3160	28.7	122.2
I-TRON ZERO 5P5 70DE.160-2M		160	3960	3740	3560	31.7	124.9
I-TRON ZERO 5P5 70DE.180-2M		180	4380	4140	3940	35.8	122.3
I-TRON ZERO 5P5 70DE.200-2M		200	4760	4500	4280	40	119.0
I-TRON ZERO 5P5 70DE.060-4M		60	3120	2940	2810	24.4	127.8
I-TRON ZERO 5P5 70DE.070-4M		70	3610	3410	3250	28.2	128.0
I-TRON ZERO 5P5 70DE.080-4M		80	4100	3870	3690	31.9	128.5
I-TRON ZERO 5P5 70DE.090-4M		90	4600	4340	4140	35.8	128.4
I-TRON ZERO 5P5 70DE.100-4M		100	5090	4800	4580	39.6	128.5
I-TRON ZERO 5P5 70DE.120-4M		120	6050	5710	5450	47	128.7
I-TRON ZERO 5P5 70DE.140-4M		140	6980	6600	6290	54.9	127.1
I-TRON ZERO 5P5 70DE.160-4M		160	7870	7440	7090	61.7	127.5
I-TRON ZERO 5P5 70DE.180-4M		180	8700	8220	7830	69.7	124.8
I-TRON ZERO 5P5 70DE.200-4M		200	9460	8930	8510	77.9	121.4
I-TRON ZERO 5P5 70DE.090-2M	STE-M STU-M STW SV	90	2350	2210	2110	19.1	123.0
I-TRON ZERO 5P5 70DE.100-2M		100	2600	2460	2340	21.2	122.6
I-TRON ZERO 5P5 70DE.120-2M		120	3110	2940	2800	24.5	126.9
I-TRON ZERO 5P5 70DE.140-2M		140	3600	3400	3240	28.7	125.4
I-TRON ZERO 5P5 70DE.160-2M		160	4070	3840	3660	31.7	128.3
I-TRON ZERO 5P5 70DE.180-2M		180	4500	4250	4050	35.8	125.6
I-TRON ZERO 5P5 70DE.200-2M		200	4880	4610	4390	40	122.0
I-TRON ZERO 5P5 70DE.060-4M		60	3200	3020	2880	24.4	131.1
I-TRON ZERO 5P5 70DE.070-4M		70	3700	3500	3330	28.2	131.2
I-TRON ZERO 5P5 70DE.080-4M		80	4210	3980	3790	31.9	131.9
I-TRON ZERO 5P5 70DE.090-4M		90	4710	4450	4240	35.8	131.5
I-TRON ZERO 5P5 70DE.100-4M		100	5210	4920	4690	39.6	131.5
I-TRON ZERO 5P5 70DE.120-4M		120	6190	5850	5570	47	131.7
I-TRON ZERO 5P5 70DE.140-4M		140	7140	6740	6420	54.9	130.0
I-TRON ZERO 5P5 70DE.160-4M		160	8040	7590	7240	61.7	130.3
I-TRON ZERO 5P5 70DE.180-4M		180	8890	8390	8000	69.7	127.5
I-TRON ZERO 5P5 70DE.200-4M		200	9670	9130	8700	77.9	124.1

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2200K, 100% of flux)		
I-TRON ZERO 5P5 70DE.090-2M	S05 S07 STA STA1 STE-S STU-S	2080lm	17.3W	81mA (90%)	2070lm	19.1W	90mA (100%)
I-TRON ZERO 5P5 70DE.100-2M		2300lm	19.1W	90mA (90%)	2290lm	21.2W	100mA (100%)
I-TRON ZERO 5P5 70DE.120-2M		2740lm	22.1W	108mA (90%)	2730lm	24.5W	120mA (100%)
I-TRON ZERO 5P5 70DE.140-2M		3160lm	25.5W	125mA (89%)	3160lm	28.7W	140mA (100%)
I-TRON ZERO 5P5 70DE.160-2M		3560lm	28W	142mA (88%)	3560lm	31.7W	160mA (100%)
I-TRON ZERO 5P5 70DE.180-2M		3940lm	31.5W	159mA (88%)	3940lm	35.8W	180mA (100%)
I-TRON ZERO 5P5 70DE.200-2M		4280lm	34.8W	175mA (87%)	4280lm	40W	200mA (100%)
I-TRON ZERO 5P5 70DE.060-4M		2820lm	22.1W	54mA (90%)	2810lm	24.4W	60mA (100%)
I-TRON ZERO 5P5 70DE.070-4M		3260lm	25.5W	63mA (90%)	3250lm	28.2W	70mA (100%)
I-TRON ZERO 5P5 70DE.080-4M		3710lm	28.9W	72mA (90%)	3690lm	31.9W	80mA (100%)
I-TRON ZERO 5P5 70DE.090-4M		4150lm	32.3W	81mA (90%)	4140lm	35.8W	90mA (100%)
I-TRON ZERO 5P5 70DE.100-4M		4600lm	35.8W	90mA (90%)	4580lm	39.6W	100mA (100%)
I-TRON ZERO 5P5 70DE.120-4M		5470lm	42.4W	108mA (90%)	5450lm	47W	120mA (100%)
I-TRON ZERO 5P5 70DE.140-4M		6290lm	49W	125mA (89%)	6290lm	54.9W	140mA (100%)
I-TRON ZERO 5P5 70DE.160-4M		7120lm	55W	143mA (89%)	7090lm	61.7W	160mA (100%)
I-TRON ZERO 5P5 70DE.180-4M	STE-M STU-M STW SV	7830lm	61.3W	159mA (88%)	7830lm	69.7W	180mA (100%)
I-TRON ZERO 5P5 70DE.200-4M		8540lm	68.1W	176mA (88%)	8510lm	77.9W	200mA (100%)
I-TRON ZERO 5P5 70DE.090-2M		2120lm	17.3W	81mA (90%)	2110lm	19.1W	90mA (100%)
I-TRON ZERO 5P5 70DE.100-2M		2350lm	19.1W	90mA (90%)	2340lm	21.2W	100mA (100%)
I-TRON ZERO 5P5 70DE.120-2M		2800lm	22.1W	108mA (90%)	2800lm	24.5W	120mA (100%)
I-TRON ZERO 5P5 70DE.140-2M		3260lm	25.7W	126mA (90%)	3240lm	28.7W	140mA (100%)
I-TRON ZERO 5P5 70DE.160-2M		3670lm	28.2W	143mA (89%)	3660lm	31.7W	160mA (100%)
I-TRON ZERO 5P5 70DE.180-2M		4070lm	31.7W	160mA (88%)	4050lm	35.8W	180mA (100%)
I-TRON ZERO 5P5 70DE.200-2M		4390lm	34.8W	175mA (87%)	4390lm	40W	200mA (100%)
I-TRON ZERO 5P5 70DE.060-4M		2890lm	22.1W	54mA (90%)	2880lm	24.4W	60mA (100%)
I-TRON ZERO 5P5 70DE.070-4M		3350lm	25.5W	63mA (90%)	3330lm	28.2W	70mA (100%)
I-TRON ZERO 5P5 70DE.080-4M		3810lm	28.9W	72mA (90%)	3790lm	31.9W	80mA (100%)
I-TRON ZERO 5P5 70DE.090-4M		4260lm	32.3W	81mA (90%)	4240lm	35.8W	90mA (100%)
I-TRON ZERO 5P5 70DE.100-4M		4710lm	35.8W	90mA (90%)	4690lm	39.6W	100mA (100%)
I-TRON ZERO 5P5 70DE.120-4M		5610lm	42.4W	108mA (90%)	5570lm	47W	120mA (100%)
I-TRON ZERO 5P5 70DE.140-4M		6430lm	49W	125mA (89%)	6420lm	54.9W	140mA (100%)
I-TRON ZERO 5P5 70DE.160-4M		7280lm	55W	143mA (89%)	7240lm	61.7W	160mA (100%)
I-TRON ZERO 5P5 70DE.180-4M		8000lm	61.3W	159mA (88%)	8000lm	69.7W	180mA (100%)
I-TRON ZERO 5P5 70DE.200-4M		8720lm	68.1W	176mA (88%)	8700lm	77.9W	200mA (100%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2200K, 75% of flux)		
I-TRON ZERO 5P5 70DE.090-2M	S05 S07 STA STA1 STE-S STU-S	2300lm	19.1W	90mA (100%)	1730lm	16.1W	75mA (83%)
I-TRON ZERO 5P5 70DE.100-2M		2550lm	21.2W	100mA (100%)	1940lm	17.9W	84mA (84%)
I-TRON ZERO 5P5 70DE.120-2M		3040lm	24.5W	120mA (100%)	2290lm	21.2W	100mA (83%)
I-TRON ZERO 5P5 70DE.140-2M		3510lm	28.7W	140mA (100%)	2650lm	23.7W	116mA (82%)
I-TRON ZERO 5P5 70DE.160-2M		3960lm	31.7W	160mA (100%)	2970lm	26.8W	131mA (81%)
I-TRON ZERO 5P5 70DE.180-2M		4380lm	35.8W	180mA (100%)	3300lm	29W	147mA (81%)
I-TRON ZERO 5P5 70DE.200-2M		4760lm	40W	200mA (100%)	3580lm	31.9W	161mA (80%)
I-TRON ZERO 5P5 70DE.060-4M		3120lm	24.4W	60mA (100%)	2360lm	20.7W	50mA (83%)
I-TRON ZERO 5P5 70DE.070-4M		3610lm	28.2W	70mA (100%)	2720lm	23.6W	58mA (82%)
I-TRON ZERO 5P5 70DE.080-4M		4100lm	31.9W	80mA (100%)	3120lm	27W	67mA (83%)
I-TRON ZERO 5P5 70DE.090-4M		4600lm	35.8W	90mA (100%)	3470lm	30W	75mA (83%)
I-TRON ZERO 5P5 70DE.100-4M		5090lm	39.6W	100mA (100%)	3830lm	33.1W	83mA (83%)
I-TRON ZERO 5P5 70DE.120-4M		6050lm	47W	120mA (100%)	4580lm	39.6W	100mA (83%)
I-TRON ZERO 5P5 70DE.140-4M		6980lm	54.9W	140mA (100%)	5270lm	45.5W	116mA (82%)
I-TRON ZERO 5P5 70DE.160-4M		7870lm	61.7W	160mA (100%)	5910lm	51.3W	131mA (81%)
I-TRON ZERO 5P5 70DE.180-4M	STE-M STU-M STW SV	8700lm	69.7W	180mA (100%)	6530lm	56.2W	146mA (81%)
I-TRON ZERO 5P5 70DE.200-4M		9460lm	77.9W	200mA (100%)	7120lm	62.1W	161mA (80%)
I-TRON ZERO 5P5 70DE.090-2M		2350lm	19.1W	90mA (100%)	1770lm	16.1W	75mA (83%)
I-TRON ZERO 5P5 70DE.100-2M		2600lm	21.2W	100mA (100%)	1950lm	17.7W	83mA (83%)
I-TRON ZERO 5P5 70DE.120-2M		3110lm	24.5W	120mA (100%)	2340lm	21.2W	100mA (83%)
I-TRON ZERO 5P5 70DE.140-2M		3600lm	28.7W	140mA (100%)	2710lm	23.7W	116mA (82%)
I-TRON ZERO 5P5 70DE.160-2M		4070lm	31.7W	160mA (100%)	3070lm	27W	132mA (82%)
I-TRON ZERO 5P5 70DE.180-2M		4500lm	35.8W	180mA (100%)	3390lm	29W	147mA (81%)
I-TRON ZERO 5P5 70DE.200-2M		4880lm	40W	200mA (100%)	3660lm	31.7W	160mA (80%)
I-TRON ZERO 5P5 70DE.060-4M		3200lm	24.4W	60mA (100%)	2420lm	20.7W	50mA (83%)
I-TRON ZERO 5P5 70DE.070-4M		3700lm	28.2W	70mA (100%)	2790lm	23.6W	58mA (82%)
I-TRON ZERO 5P5 70DE.080-4M		4210lm	31.9W	80mA (100%)	3200lm	27W	67mA (83%)
I-TRON ZERO 5P5 70DE.090-4M		4710lm	35.8W	90mA (100%)	3560lm	30W	75mA (83%)
I-TRON ZERO 5P5 70DE.100-4M		5210lm	39.6W	100mA (100%)	3920lm	33.1W	83mA (83%)
I-TRON ZERO 5P5 70DE.120-4M		6190lm	47W	120mA (100%)	4650lm	39.3W	99mA (82%)
I-TRON ZERO 5P5 70DE.140-4M		7140lm	54.9W	140mA (100%)	5400lm	45.5W	116mA (82%)
I-TRON ZERO 5P5 70DE.160-4M		8040lm	61.7W	160mA (100%)	6040lm	51.3W	131mA (81%)
I-TRON ZERO 5P5 70DE.180-4M		8890lm	69.7W	180mA (100%)	6670lm	56.2W	146mA (81%)
I-TRON ZERO 5P5 70DE.200-4M		9670lm	77.9W	200mA (100%)	7270lm	62.1W	161mA (80%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.

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

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LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2400K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
I-TRON ZERO 5P5 70DE.090-2M	S05 S07 STA STA1 STE-S STU-S	2300lm	19.1W	90mA (100%)	1730lm	15.3W		1160lm	11.1W	49mA (54%)
I-TRON ZERO 5P5 70DE.100-2M		2550lm	21.2W	100mA (100%)	1940lm	17.1W		1290lm	12.2W	55mA (55%)
I-TRON ZERO 5P5 70DE.120-2M		3040lm	24.5W	120mA (100%)	2290lm	20.2W		1530lm	14.3W	66mA (55%)
I-TRON ZERO 5P5 70DE.140-2M		3510lm	28.7W	140mA (100%)	2640lm	22.5W		1760lm	16.3W	76mA (54%)
I-TRON ZERO 5P5 70DE.160-2M		3960lm	31.7W	160mA (100%)	2980lm	25.5W		1980lm	18.3W	86mA (53%)
I-TRON ZERO 5P5 70DE.180-2M		4380lm	35.8W	180mA (100%)	3290lm	28.5W		2200lm	20.4W	96mA (53%)
I-TRON ZERO 5P5 70DE.200-2M		4760lm	40W	200mA (100%)	3570lm	30W		2380lm	21.2W	104mA (52%)
I-TRON ZERO 5P5 70DE.060-4M		3120lm	24.4W	60mA (100%)	2340lm	19.5W		1580lm	14W	32mA (53%)
I-TRON ZERO 5P5 70DE.070-4M		3610lm	28.2W	70mA (100%)	2710lm	22.5W		1840lm	16.2W	38mA (54%)
I-TRON ZERO 5P5 70DE.080-4M		4100lm	31.9W	80mA (100%)	3080lm	25.5W		2060lm	18.1W	43mA (53%)
I-TRON ZERO 5P5 70DE.090-4M		4600lm	35.8W	90mA (100%)	3460lm	28.5W		2320lm	20.3W	49mA (54%)
I-TRON ZERO 5P5 70DE.100-4M		5090lm	39.6W	100mA (100%)	3830lm	31.6W		2580lm	22.5W	55mA (55%)
I-TRON ZERO 5P5 70DE.120-4M		6050lm	47W	120mA (100%)	4570lm	37.7W		3030lm	26.3W	65mA (54%)
I-TRON ZERO 5P5 70DE.140-4M		6980lm	54.9W	140mA (100%)	5260lm	43.1W		3510lm	30.4W	76mA (54%)
I-TRON ZERO 5P5 70DE.160-4M		7870lm	61.7W	160mA (100%)	5940lm	49W		3960lm	34.2W	86mA (53%)
I-TRON ZERO 5P5 70DE.180-4M		8700lm	69.7W	180mA (100%)	6550lm	54.5W		4360lm	37.7W	95mA (52%)
I-TRON ZERO 5P5 70DE.200-4M		9460lm	77.9W	200mA (100%)	7110lm	58.6W		4750lm	40.8W	104mA (52%)
I-TRON ZERO 5P5 70DE.090-2M	STE-M STU-M STW SV	2350lm	19.1W	90mA (100%)	1780lm	15.5W		1180lm	11.1W	49mA (54%)
I-TRON ZERO 5P5 70DE.100-2M		2600lm	21.2W	100mA (100%)	1950lm	16.9W		1320lm	12.2W	55mA (55%)
I-TRON ZERO 5P5 70DE.120-2M		3110lm	24.5W	120mA (100%)	2340lm	20.2W		1560lm	14.3W	66mA (55%)
I-TRON ZERO 5P5 70DE.140-2M		3600lm	28.7W	140mA (100%)	2700lm	22.5W		1810lm	16.5W	77mA (55%)
I-TRON ZERO 5P5 70DE.160-2M		4070lm	31.7W	160mA (100%)	3080lm	25.7W		2040lm	18.5W	87mA (54%)
I-TRON ZERO 5P5 70DE.180-2M		4500lm	35.8W	180mA (100%)	3380lm	28.5W		2250lm	20.4W	96mA (53%)
I-TRON ZERO 5P5 70DE.200-2M		4880lm	40W	200mA (100%)	3670lm	30W		2460lm	21.4W	105mA (52%)
I-TRON ZERO 5P5 70DE.060-4M		3200lm	24.4W	60mA (100%)	2400lm	19.5W		1610lm	14W	32mA (53%)
I-TRON ZERO 5P5 70DE.070-4M		3700lm	28.2W	70mA (100%)	2780lm	22.5W		1880lm	16.2W	38mA (54%)
I-TRON ZERO 5P5 70DE.080-4M		4210lm	31.9W	80mA (100%)	3160lm	25.5W		2150lm	18.4W	44mA (55%)
I-TRON ZERO 5P5 70DE.090-4M		4710lm	35.8W	90mA (100%)	3550lm	28.5W		2380lm	20.3W	49mA (54%)
I-TRON ZERO 5P5 70DE.100-4M		5210lm	39.6W	100mA (100%)	3930lm	31.6W		2650lm	22.5W	55mA (55%)
I-TRON ZERO 5P5 70DE.120-4M		6190lm	47W	120mA (100%)	4690lm	37.7W		3110lm	26.3W	65mA (54%)
I-TRON ZERO 5P5 70DE.140-4M		7140lm	54.9W	140mA (100%)	5390lm	43.1W		3610lm	30.4W	76mA (54%)
I-TRON ZERO 5P5 70DE.160-4M		8040lm	61.7W	160mA (100%)	6030lm	48.6W		4060lm	34.2W	86mA (53%)
I-TRON ZERO 5P5 70DE.180-4M		8890lm	69.7W	180mA (100%)	6700lm	54.5W		4470lm	37.7W	95mA (52%)
I-TRON ZERO 5P5 70DE.200-4M		9670lm	77.9W	200mA (100%)	7260lm	58.6W		4870lm	40.8W	104mA (52%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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 ZERO 4P4 DE

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE FLUX* (2400K, lm)	LUMINAIRE FLUX* (2200K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (2700K, lm/W)
I-TRON ZERO 4P4 70DE.120-2M	S05 S07 STE-S	120	2430	2290	2180	19.6	123.9
I-TRON ZERO 4P4 70DE.140-2M		140	2810	2650	2530	23	122.1
I-TRON ZERO 4P4 70DE.160-2M		160	3170	2990	2850	25.4	124.8
I-TRON ZERO 4P4 70DE.180-2M		180	3510	3310	3150	28.7	122.2
I-TRON ZERO 4P4 70DE.200-2M		200	3810	3600	3430	31.9	119.4
I-TRON ZERO 4P4 70DE.080-4M		80	3280	3100	2950	25.7	127.6
I-TRON ZERO 4P4 70DE.090-4M		90	3680	3470	3310	28.7	128.2
I-TRON ZERO 4P4 70DE.100-4M		100	4070	3840	3660	31.8	127.9
I-TRON ZERO 4P4 70DE.120-4M		120	4840	4570	4360	37.7	128.3
I-TRON ZERO 4P4 70DE.140-4M		140	5590	5280	5030	44	127.0
I-TRON ZERO 4P4 70DE.160-4M		160	6300	5950	5670	49.5	127.2
I-TRON ZERO 4P4 70DE.180-4M		180	6960	6580	6270	55.9	124.5
I-TRON ZERO 4P4 70DE.200-4M	STA STA1 STU-S	200	7570	7150	6810	62.3	121.5
I-TRON ZERO 4P4 70DE.120-2M		120	2460	2320	2210	19.6	125.5
I-TRON ZERO 4P4 70DE.140-2M		140	2840	2690	2560	23	123.4
I-TRON ZERO 4P4 70DE.160-2M		160	3210	3030	2890	25.4	126.3
I-TRON ZERO 4P4 70DE.180-2M		180	3550	3350	3190	28.7	123.6
I-TRON ZERO 4P4 70DE.200-2M		200	3850	3640	3470	31.9	120.6
I-TRON ZERO 4P4 70DE.080-4M		80	3320	3130	2990	25.7	129.1
I-TRON ZERO 4P4 70DE.090-4M		90	3720	3510	3340	28.7	129.6
I-TRON ZERO 4P4 70DE.100-4M		100	4110	3880	3700	31.8	129.2
I-TRON ZERO 4P4 70DE.120-4M		120	4900	4620	4410	37.7	129.9
I-TRON ZERO 4P4 70DE.140-4M		140	5650	5340	5090	44	128.4
I-TRON ZERO 4P4 70DE.160-4M		160	6370	6020	5730	49.5	128.6
I-TRON ZERO 4P4 70DE.180-4M	STE-M STU-M STW SV	180	7040	6650	6340	55.9	125.9
I-TRON ZERO 4P4 70DE.200-4M		200	7650	7230	6890	62.3	122.7
I-TRON ZERO 4P4 70DE.120-2M		120	2510	2370	2260	19.6	128.0
I-TRON ZERO 4P4 70DE.140-2M		140	2910	2750	2620	23	126.5
I-TRON ZERO 4P4 70DE.160-2M		160	3280	3100	2950	25.4	129.1
I-TRON ZERO 4P4 70DE.180-2M		180	3630	3430	3270	28.7	126.4
I-TRON ZERO 4P4 70DE.200-2M		200	3940	3720	3550	31.9	123.5
I-TRON ZERO 4P4 70DE.080-4M		80	3400	3210	3060	25.7	132.2
I-TRON ZERO 4P4 70DE.090-4M		90	3810	3600	3430	28.7	132.7
I-TRON ZERO 4P4 70DE.100-4M		100	4210	3980	3790	31.8	132.3
I-TRON ZERO 4P4 70DE.120-4M		120	5010	4730	4510	37.7	132.8
I-TRON ZERO 4P4 70DE.140-4M		140	5780	5460	5200	44	131.3
I-TRON ZERO 4P4 70DE.160-4M		160	6510	6150	5860	49.5	131.5
I-TRON ZERO 4P4 70DE.180-4M		180	7200	6800	6480	55.9	128.8
I-TRON ZERO 4P4 70DE.200-4M		200	7830	7400	7050	62.3	125.6

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2200K, 100% of flux)		
I-TRON ZERO 4P4 70DE.120-2M	S05 S07 STE-S	2190lm	17.7W	108mA (90%)	2180lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70DE.140-2M		2540lm	20.6W	126mA (90%)	2530lm	23W	140mA (100%)
I-TRON ZERO 4P4 70DE.160-2M		2850lm	22.5W	142mA (88%)	2850lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70DE.180-2M		3150lm	25.3W	159mA (88%)	3150lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70DE.200-2M		3440lm	28W	176mA (88%)	3430lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70DE.080-4M		2960lm	23.3W	72mA (90%)	2950lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70DE.090-4M		3320lm	26W	81mA (90%)	3310lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70DE.100-4M		3680lm	28.7W	90mA (90%)	3660lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70DE.120-4M		4380lm	34W	108mA (90%)	4360lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70DE.140-4M		5030lm	39.2W	125mA (89%)	5030lm	44W	140mA (100%)
I-TRON ZERO 4P4 70DE.160-4M	STA STA1 STU-S	5700lm	44.1W	143mA (89%)	5670lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70DE.180-4M		6270lm	49.1W	159mA (88%)	6270lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70DE.200-4M		6840lm	54.6W	176mA (88%)	6810lm	62.3W	200mA (100%)
I-TRON ZERO 4P4 70DE.120-2M		2220lm	17.7W	108mA (90%)	2210lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70DE.140-2M		2560lm	20.5W	125mA (89%)	2560lm	23W	140mA (100%)
I-TRON ZERO 4P4 70DE.160-2M		2900lm	22.6W	143mA (89%)	2890lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70DE.180-2M		3190lm	25.3W	159mA (88%)	3190lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70DE.200-2M		3480lm	28W	176mA (88%)	3470lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70DE.080-4M		3000lm	23.3W	72mA (90%)	2990lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70DE.090-4M		3360lm	26W	81mA (90%)	3340lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70DE.100-4M	STE-M STU-M STW SV	3720lm	28.7W	90mA (90%)	3700lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70DE.120-4M		4430lm	34W	108mA (90%)	4410lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70DE.140-4M		5090lm	39.2W	125mA (89%)	5090lm	44W	140mA (100%)
I-TRON ZERO 4P4 70DE.160-4M		5730lm	43.8W	142mA (88%)	5730lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70DE.180-4M		6340lm	49.1W	159mA (88%)	6340lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70DE.200-4M		6910lm	54.6W	176mA (88%)	6890lm	62.3W	200mA (100%)
I-TRON ZERO 4P4 70DE.120-2M		2270lm	17.7W	108mA (90%)	2260lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70DE.140-2M		2630lm	20.6W	126mA (90%)	2620lm	23W	140mA (100%)
I-TRON ZERO 4P4 70DE.160-2M		2950lm	22.5W	142mA (88%)	2950lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70DE.180-2M		3280lm	25.4W	160mA (88%)	3270lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70DE.200-2M		3560lm	28W	176mA (88%)	3550lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70DE.080-4M		3070lm	23.3W	72mA (90%)	3060lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70DE.090-4M		3440lm	26W	81mA (90%)	3430lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70DE.100-4M		3810lm	28.7W	90mA (90%)	3790lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70DE.120-4M		4530lm	34W	108mA (90%)	4510lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70DE.140-4M		5200lm	39.2W	125mA (89%)	5200lm	44W	140mA (100%)
I-TRON ZERO 4P4 70DE.160-4M		5890lm	44.1W	143mA (89%)	5860lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70DE.180-4M		6480lm	49.1W	159mA (88%)	6480lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70DE.200-4M		7070lm	54.6W	176mA (88%)	7050lm	62.3W	200mA (100%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2200K, 75% of flux)		
I-TRON ZERO 4P4 70DE.120-2M	S05 S07 STE-S	2430lm	19.6W	120mA (100%)	1830lm	17W	100mA (83%)
I-TRON ZERO 4P4 70DE.140-2M		2810lm	23W	140mA (100%)	2110lm	19W	116mA (82%)
I-TRON ZERO 4P4 70DE.160-2M		3170lm	25.4W	160mA (100%)	2390lm	21.7W	132mA (82%)
I-TRON ZERO 4P4 70DE.180-2M		3510lm	28.7W	180mA (100%)	2640lm	23.3W	147mA (81%)
I-TRON ZERO 4P4 70DE.200-2M		3810lm	31.9W	200mA (100%)	2870lm	25.6W	161mA (80%)
I-TRON ZERO 4P4 70DE.080-4M		3280lm	25.7W	80mA (100%)	2490lm	21.9W	67mA (83%)
I-TRON ZERO 4P4 70DE.090-4M		3680lm	28.7W	90mA (100%)	2770lm	24.2W	75mA (83%)
I-TRON ZERO 4P4 70DE.100-4M		4070lm	31.8W	100mA (100%)	3060lm	26.6W	83mA (83%)
I-TRON ZERO 4P4 70DE.120-4M		4840lm	37.7W	120mA (100%)	3630lm	31.5W	99mA (82%)
I-TRON ZERO 4P4 70DE.140-4M		5590lm	44W	140mA (100%)	4220lm	36.4W	116mA (82%)
I-TRON ZERO 4P4 70DE.160-4M	STA STA1 STU-S	6300lm	49.5W	160mA (100%)	4730lm	41.1W	131mA (81%)
I-TRON ZERO 4P4 70DE.180-4M		6960lm	55.9W	180mA (100%)	5230lm	45W	146mA (81%)
I-TRON ZERO 4P4 70DE.200-4M		7570lm	62.3W	200mA (100%)	5700lm	49.8W	161mA (80%)
I-TRON ZERO 4P4 70DE.120-2M		2460lm	19.6W	120mA (100%)	1850lm	17W	100mA (83%)
I-TRON ZERO 4P4 70DE.140-2M		2840lm	23W	140mA (100%)	2140lm	19W	116mA (82%)
I-TRON ZERO 4P4 70DE.160-2M		3210lm	25.4W	160mA (100%)	2410lm	21.5W	131mA (81%)
I-TRON ZERO 4P4 70DE.180-2M		3550lm	28.7W	180mA (100%)	2680lm	23.3W	147mA (81%)
I-TRON ZERO 4P4 70DE.200-2M		3850lm	31.9W	200mA (100%)	2890lm	25.4W	160mA (80%)
I-TRON ZERO 4P4 70DE.080-4M		3320lm	25.7W	80mA (100%)	2520lm	21.9W	67mA (83%)
I-TRON ZERO 4P4 70DE.090-4M		3720lm	28.7W	90mA (100%)	2810lm	24.2W	75mA (83%)
I-TRON ZERO 4P4 70DE.100-4M	STE-M STU-M STW SV	4110lm	31.8W	100mA (100%)	3090lm	26.6W	83mA (83%)
I-TRON ZERO 4P4 70DE.120-4M		4900lm	37.7W	120mA (100%)	3700lm	31.8W	100mA (83%)
I-TRON ZERO 4P4 70DE.140-4M		5650lm	44W	140mA (100%)	4270lm	36.4W	116mA (82%)
I-TRON ZERO 4P4 70DE.160-4M		6370lm	49.5W	160mA (100%)	4780lm	41.1W	131mA (81%)
I-TRON ZERO 4P4 70DE.180-4M		7040lm	55.9W	180mA (100%)	5290lm	45W	146mA (81%)
I-TRON ZERO 4P4 70DE.200-4M		7650lm	62.3W	200mA (100%)	5770lm	49.8W	161mA (80%)
I-TRON ZERO 4P4 70DE.120-2M		2510lm	19.6W	120mA (100%)	1900lm	17W	100mA (83%)
I-TRON ZERO 4P4 70DE.140-2M		2910lm	23W	140mA (100%)	2190lm	19W	116mA (82%)
I-TRON ZERO 4P4 70DE.160-2M		3280lm	25.4W	160mA (100%)	2460lm	21.5W	131mA (81%)
I-TRON ZERO 4P4 70DE.180-2M		3630lm	28.7W	180mA (100%)	2740lm	23.3W	147mA (81%)
I-TRON ZERO 4P4 70DE.200-2M		3940lm	31.9W	200mA (100%)	2970lm	25.6W	161mA (80%)
I-TRON ZERO 4P4 70DE.080-4M		3400lm	25.7W	80mA (100%)	2550lm	21.6W	66mA (82%)
I-TRON ZERO 4P4 70DE.090-4M		3810lm	28.7W	90mA (100%)	2880lm	24.2W	75mA (83%)
I-TRON ZERO 4P4 70DE.100-4M		4210lm	31.8W	100mA (100%)	3170lm	26.6W	83mA (83%)
I-TRON ZERO 4P4 70DE.120-4M		5010lm	37.7W	120mA (100%)	3790lm	31.8W	100mA (83%)
I-TRON ZERO 4P4 70DE.140-4M		5780lm	44W	140mA (100%)	4370lm	36.4W	116mA (82%)
I-TRON ZERO 4P4 70DE.160-4M		6510lm	49.5W	160mA (100%)	4890lm	41.1W	131mA (81%)
I-TRON ZERO 4P4 70DE.180-4M		7200lm	55.9W	180mA (100%)	5400lm	45W	146mA (81%)
I-TRON ZERO 4P4 70DE.200-4M		7830lm	62.3W	200mA (100%)	5890lm	49.8W	161mA (80%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2400K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
I-TRON ZERO 4P4 70DE.120-2M	S05	2430lm	19.6W	120mA (100%)	1830lm	16.2W		1220lm	11.6W	66mA (55%)
I-TRON ZERO 4P4 70DE.140-2M		2810lm	23W	140mA (100%)	2110lm	18W		1420lm	13.3W	77mA (55%)
I-TRON ZERO 4P4 70DE.160-2M		3170lm	25.4W	160mA (100%)	2380lm	20.5W		1600lm	14.9W	87mA (54%)
I-TRON ZERO 4P4 70DE.180-2M		3510lm	28.7W	180mA (100%)	2650lm	23W		1760lm	16.3W	96mA (53%)
I-TRON ZERO 4P4 70DE.200-2M		3810lm	31.9W	200mA (100%)	2860lm	24.1W		1920lm	17.2W	105mA (52%)
I-TRON ZERO 4P4 70DE.080-4M		3280lm	25.7W	80mA (100%)	2460lm	20.7W		1640lm	14.9W	43mA (53%)
I-TRON ZERO 4P4 70DE.090-4M		3680lm	28.7W	90mA (100%)	2760lm	23W		1850lm	16.6W	49mA (54%)
I-TRON ZERO 4P4 70DE.100-4M		4070lm	31.8W	100mA (100%)	3060lm	25.4W		2070lm	18.4W	55mA (55%)
I-TRON ZERO 4P4 70DE.120-4M		4840lm	37.7W	120mA (100%)	3660lm	30.3W		2420lm	21.3W	65mA (54%)
I-TRON ZERO 4P4 70DE.140-4M		5590lm	44W	140mA (100%)	4210lm	34.6W		2810lm	24.5W	76mA (54%)
I-TRON ZERO 4P4 70DE.160-4M	STA	6300lm	49.5W	160mA (100%)	4750lm	39.2W		3170lm	27.5W	86mA (53%)
I-TRON ZERO 4P4 70DE.180-4M		6960lm	55.9W	180mA (100%)	5240lm	43.7W		3480lm	30.3W	95mA (52%)
I-TRON ZERO 4P4 70DE.200-4M		7570lm	62.3W	200mA (100%)	5690lm	46.9W		3800lm	32.7W	104mA (52%)
I-TRON ZERO 4P4 70DE.120-2M		2460lm	19.6W	120mA (100%)	1850lm	16.2W		1240lm	11.6W	66mA (55%)
I-TRON ZERO 4P4 70DE.140-2M		2840lm	23W	140mA (100%)	2140lm	18W		1420lm	13.1W	76mA (54%)
I-TRON ZERO 4P4 70DE.160-2M		3210lm	25.4W	160mA (100%)	2410lm	20.5W		1620lm	14.9W	87mA (54%)
I-TRON ZERO 4P4 70DE.180-2M		3550lm	28.7W	180mA (100%)	2670lm	22.8W		1780lm	16.3W	96mA (53%)
I-TRON ZERO 4P4 70DE.200-2M		3850lm	31.9W	200mA (100%)	2900lm	24.1W		1930lm	17W	104mA (52%)
I-TRON ZERO 4P4 70DE.080-4M		3320lm	25.7W	80mA (100%)	2490lm	20.7W		1670lm	14.9W	43mA (53%)
I-TRON ZERO 4P4 70DE.090-4M		3720lm	28.7W	90mA (100%)	2790lm	23W		1880lm	16.6W	49mA (54%)
I-TRON ZERO 4P4 70DE.100-4M	STU-S	4110lm	31.8W	100mA (100%)	3100lm	25.4W		2060lm	18.1W	54mA (54%)
I-TRON ZERO 4P4 70DE.120-4M		4900lm	37.7W	120mA (100%)	3700lm	30.3W		2450lm	21.3W	65mA (54%)
I-TRON ZERO 4P4 70DE.140-4M		5650lm	44W	140mA (100%)	4260lm	34.6W		2840lm	24.5W	76mA (54%)
I-TRON ZERO 4P4 70DE.160-4M		6370lm	49.5W	160mA (100%)	4800lm	39.2W		3200lm	27.5W	86mA (53%)
I-TRON ZERO 4P4 70DE.180-4M		7040lm	55.9W	180mA (100%)	5300lm	43.7W		3560lm	30.6W	96mA (53%)
I-TRON ZERO 4P4 70DE.200-4M		7650lm	62.3W	200mA (100%)	5750lm	46.9W		3840lm	32.7W	104mA (52%)
I-TRON ZERO 4P4 70DE.120-2M		2510lm	19.6W	120mA (100%)	1890lm	16.2W		1270lm	11.6W	66mA (55%)
I-TRON ZERO 4P4 70DE.140-2M		2910lm	23W	140mA (100%)	2200lm	18.2W		1470lm	13.3W	77mA (55%)
I-TRON ZERO 4P4 70DE.160-2M		3280lm	25.4W	160mA (100%)	2470lm	20.5W		1640lm	14.7W	86mA (53%)
I-TRON ZERO 4P4 70DE.180-2M		3630lm	28.7W	180mA (100%)	2730lm	22.8W		1820lm	16.3W	96mA (53%)
I-TRON ZERO 4P4 70DE.200-2M	STE-M	3940lm	31.9W	200mA (100%)	2960lm	24.1W		1970lm	17W	104mA (52%)
I-TRON ZERO 4P4 70DE.080-4M		3400lm	25.7W	80mA (100%)	2560lm	20.7W		1700lm	14.9W	43mA (53%)
I-TRON ZERO 4P4 70DE.090-4M		3810lm	28.7W	90mA (100%)	2860lm	23W		1920lm	16.6W	49mA (54%)
I-TRON ZERO 4P4 70DE.100-4M		4210lm	31.8W	100mA (100%)	3170lm	25.4W		2110lm	18.1W	54mA (54%)
I-TRON ZERO 4P4 70DE.120-4M		5010lm	37.7W	120mA (100%)	3790lm	30.3W		2510lm	21.3W	65mA (54%)
I-TRON ZERO 4P4 70DE.140-4M		5780lm	44W	140mA (100%)	4360lm	34.6W		2910lm	24.5W	76mA (54%)
I-TRON ZERO 4P4 70DE.160-4M		6510lm	49.5W	160mA (100%)	4910lm	39.2W		3280lm	27.5W	86mA (53%)
I-TRON ZERO 4P4 70DE.180-4M		7200lm	55.9W	180mA (100%)	5420lm	43.7W		3610lm	30.3W	95mA (52%)
I-TRON ZERO 4P4 70DE.200-4M		7830lm	62.3W	200mA (100%)	5880lm	46.9W		3940lm	32.7W	104mA (52%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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 ZERO 5P5 DF

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (3000K, lm)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE FLUX* (2200K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (3000K, lm/W)
I-TRON ZERO 5P5 70DF.090-2M	S05 S07 STA STA1 STE-S STU-S	90	2400	2300	2070	19.1	125.6
I-TRON ZERO 5P5 70DF.100-2M		100	2660	2550	2290	21.2	125.4
I-TRON ZERO 5P5 70DF.120-2M		120	3170	3040	2730	24.5	129.3
I-TRON ZERO 5P5 70DF.140-2M		140	3670	3510	3160	28.7	127.8
I-TRON ZERO 5P5 70DF.160-2M		160	4140	3960	3560	31.7	130.5
I-TRON ZERO 5P5 70DF.180-2M		180	4580	4380	3940	35.8	127.9
I-TRON ZERO 5P5 70DF.200-2M		200	4970	4760	4280	40	124.2
I-TRON ZERO 5P5 70DF.060-4M		60	3260	3120	2810	24.4	133.6
I-TRON ZERO 5P5 70DF.070-4M		70	3770	3610	3250	28.2	133.6
I-TRON ZERO 5P5 70DF.080-4M		80	4280	4100	3690	31.9	134.1
I-TRON ZERO 5P5 70DF.090-4M		90	4800	4600	4140	35.8	134.0
I-TRON ZERO 5P5 70DF.100-4M		100	5310	5090	4580	39.6	134.0
I-TRON ZERO 5P5 70DF.120-4M		120	6320	6050	5450	47	134.4
I-TRON ZERO 5P5 70DF.140-4M		140	7290	6980	6290	54.9	132.7
I-TRON ZERO 5P5 70DF.160-4M		160	8220	7870	7090	61.7	133.2
I-TRON ZERO 5P5 70DF.180-4M		180	9090	8700	7830	69.7	130.4
I-TRON ZERO 5P5 70DF.200-4M		200	9880	9460	8510	77.9	126.8
I-TRON ZERO 5P5 70DF.090-2M	STE-M STU-M STW SV	90	2450	2350	2110	19.1	128.2
I-TRON ZERO 5P5 70DF.100-2M		100	2720	2600	2340	21.2	128.3
I-TRON ZERO 5P5 70DF.120-2M		120	3250	3110	2800	24.5	132.6
I-TRON ZERO 5P5 70DF.140-2M		140	3760	3600	3240	28.7	131.0
I-TRON ZERO 5P5 70DF.160-2M		160	4250	4070	3660	31.7	134.0
I-TRON ZERO 5P5 70DF.180-2M		180	4700	4500	4050	35.8	131.2
I-TRON ZERO 5P5 70DF.200-2M		200	5090	4880	4390	40	127.2
I-TRON ZERO 5P5 70DF.060-4M		60	3340	3200	2880	24.4	136.8
I-TRON ZERO 5P5 70DF.070-4M		70	3870	3700	3330	28.2	137.2
I-TRON ZERO 5P5 70DF.080-4M		80	4400	4210	3790	31.9	137.9
I-TRON ZERO 5P5 70DF.090-4M		90	4920	4710	4240	35.8	137.4
I-TRON ZERO 5P5 70DF.100-4M		100	5440	5210	4690	39.6	137.3
I-TRON ZERO 5P5 70DF.120-4M		120	6470	6190	5570	47	137.6
I-TRON ZERO 5P5 70DF.140-4M		140	7450	7140	6420	54.9	135.7
I-TRON ZERO 5P5 70DF.160-4M		160	8400	8040	7240	61.7	136.1
I-TRON ZERO 5P5 70DF.180-4M		180	9280	8890	8000	69.7	133.1
I-TRON ZERO 5P5 70DF.200-4M		200	10100	9670	8700	77.9	129.6

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2200K, 100% of flux)		
I-TRON ZERO 5P5 70DF.090-2M	S05 S07 STA STA1 STE-S STU-S	2090lm	16.7W	78mA (86%)	2070lm	19.1W	90mA (100%)
I-TRON ZERO 5P5 70DF.100-2M		2300lm	18.3W	86mA (86%)	2290lm	21.2W	100mA (100%)
I-TRON ZERO 5P5 70DF.120-2M		2740lm	21W	103mA (85%)	2730lm	24.5W	120mA (100%)
I-TRON ZERO 5P5 70DF.140-2M		3170lm	24.5W	120mA (85%)	3160lm	28.7W	140mA (100%)
I-TRON ZERO 5P5 70DF.160-2M		3570lm	27.8W	136mA (85%)	3560lm	31.7W	160mA (100%)
I-TRON ZERO 5P5 70DF.180-2M		3950lm	30W	152mA (84%)	3940lm	35.8W	180mA (100%)
I-TRON ZERO 5P5 70DF.200-2M		4290lm	33.1W	167mA (83%)	4280lm	40W	200mA (100%)
I-TRON ZERO 5P5 70DF.060-4M		2850lm	21.4W	52mA (86%)	2810lm	24.4W	60mA (100%)
I-TRON ZERO 5P5 70DF.070-4M		3260lm	24.4W	60mA (85%)	3250lm	28.2W	70mA (100%)
I-TRON ZERO 5P5 70DF.080-4M		3720lm	27.8W	69mA (86%)	3690lm	31.9W	80mA (100%)
I-TRON ZERO 5P5 70DF.090-4M		4180lm	31.2W	78mA (86%)	4140lm	35.8W	90mA (100%)
I-TRON ZERO 5P5 70DF.100-4M		4590lm	34.2W	86mA (86%)	4580lm	39.6W	100mA (100%)
I-TRON ZERO 5P5 70DF.120-4M		5460lm	40.4W	103mA (85%)	5450lm	47W	120mA (100%)
I-TRON ZERO 5P5 70DF.140-4M		6320lm	47W	120mA (85%)	6290lm	54.9W	140mA (100%)
I-TRON ZERO 5P5 70DF.160-4M		7100lm	53.3W	136mA (85%)	7090lm	61.7W	160mA (100%)
I-TRON ZERO 5P5 70DF.180-4M		7860lm	58.6W	152mA (84%)	7830lm	69.7W	180mA (100%)
I-TRON ZERO 5P5 70DF.200-4M	STE-M STU-M STW SV	8530lm	64.5W	167mA (83%)	8510lm	77.9W	200mA (100%)
I-TRON ZERO 5P5 70DF.090-2M		2130lm	16.7W	78mA (86%)	2110lm	19.1W	90mA (100%)
I-TRON ZERO 5P5 70DF.100-2M		2340lm	18.3W	86mA (86%)	2340lm	21.2W	100mA (100%)
I-TRON ZERO 5P5 70DF.120-2M		2800lm	21W	103mA (85%)	2800lm	24.5W	120mA (100%)
I-TRON ZERO 5P5 70DF.140-2M		3250lm	24.5W	120mA (85%)	3240lm	28.7W	140mA (100%)
I-TRON ZERO 5P5 70DF.160-2M		3660lm	27.8W	136mA (85%)	3660lm	31.7W	160mA (100%)
I-TRON ZERO 5P5 70DF.180-2M		4060lm	30W	152mA (84%)	4050lm	35.8W	180mA (100%)
I-TRON ZERO 5P5 70DF.200-2M		4390lm	32.9W	166mA (83%)	4390lm	40W	200mA (100%)
I-TRON ZERO 5P5 70DF.060-4M		2920lm	21.4W	52mA (86%)	2880lm	24.4W	60mA (100%)
I-TRON ZERO 5P5 70DF.070-4M		3340lm	24.4W	60mA (85%)	3330lm	28.2W	70mA (100%)
I-TRON ZERO 5P5 70DF.080-4M		3820lm	27.8W	69mA (86%)	3790lm	31.9W	80mA (100%)
I-TRON ZERO 5P5 70DF.090-4M		4240lm	30.8W	77mA (85%)	4240lm	35.8W	90mA (100%)
I-TRON ZERO 5P5 70DF.100-4M		4710lm	34.2W	86mA (86%)	4690lm	39.6W	100mA (100%)
I-TRON ZERO 5P5 70DF.120-4M		5600lm	40.4W	103mA (85%)	5570lm	47W	120mA (100%)
I-TRON ZERO 5P5 70DF.140-4M		6420lm	46.6W	119mA (85%)	6420lm	54.9W	140mA (100%)
I-TRON ZERO 5P5 70DF.160-4M		7260lm	53.3W	136mA (85%)	7240lm	61.7W	160mA (100%)
I-TRON ZERO 5P5 70DF.180-4M		8030lm	58.6W	152mA (84%)	8000lm	69.7W	180mA (100%)
I-TRON ZERO 5P5 70DF.200-4M		8710lm	64.5W	167mA (83%)	8700lm	77.9W	200mA (100%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 3000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 75% of flux)		
I-TRON ZERO 5P5 70DF.090-2M	S05 S07 STA STA1 STE-S STU-S	2400lm	19.1W	90mA (100%)	1800lm	16.7W	78mA (86%)
I-TRON ZERO 5P5 70DF.100-2M		2660lm	21.2W	100mA (100%)	2000lm	18.5W	87mA (87%)
I-TRON ZERO 5P5 70DF.120-2M		3170lm	24.5W	120mA (100%)	2380lm	21.2W	104mA (86%)
I-TRON ZERO 5P5 70DF.140-2M		3670lm	28.7W	140mA (100%)	2780lm	24.9W	122mA (87%)
I-TRON ZERO 5P5 70DF.160-2M		4140lm	31.7W	160mA (100%)	3120lm	28.3W	138mA (86%)
I-TRON ZERO 5P5 70DF.180-2M		4580lm	35.8W	180mA (100%)	3450lm	30.5W	154mA (85%)
I-TRON ZERO 5P5 70DF.200-2M		4970lm	40W	200mA (100%)	3740lm	33.5W	169mA (84%)
I-TRON ZERO 5P5 70DF.060-4M		3260lm	24.4W	60mA (100%)	2450lm	21.4W	52mA (86%)
I-TRON ZERO 5P5 70DF.070-4M		3770lm	28.2W	70mA (100%)	2850lm	24.8W	61mA (87%)
I-TRON ZERO 5P5 70DF.080-4M		4280lm	31.9W	80mA (100%)	3250lm	28.2W	70mA (87%)
I-TRON ZERO 5P5 70DF.090-4M		4800lm	35.8W	90mA (100%)	3600lm	31.2W	78mA (86%)
I-TRON ZERO 5P5 70DF.100-4M		5310lm	39.6W	100mA (100%)	4000lm	34.6W	87mA (87%)
I-TRON ZERO 5P5 70DF.120-4M		6320lm	47W	120mA (100%)	4750lm	40.8W	104mA (86%)
I-TRON ZERO 5P5 70DF.140-4M		7290lm	54.9W	140mA (100%)	5490lm	47.4W	121mA (86%)
I-TRON ZERO 5P5 70DF.160-4M		8220lm	61.7W	160mA (100%)	6200lm	54.1W	138mA (86%)
I-TRON ZERO 5P5 70DF.180-4M	STE-M STU-M STW SV	9090lm	69.7W	180mA (100%)	6850lm	59.4W	154mA (85%)
I-TRON ZERO 5P5 70DF.200-4M		9880lm	77.9W	200mA (100%)	7430lm	65.3W	169mA (84%)
I-TRON ZERO 5P5 70DF.090-2M		2450lm	19.1W	90mA (100%)	1860lm	16.9W	79mA (87%)
I-TRON ZERO 5P5 70DF.100-2M		2720lm	21.2W	100mA (100%)	2040lm	18.5W	87mA (87%)
I-TRON ZERO 5P5 70DF.120-2M		3250lm	24.5W	120mA (100%)	2460lm	21.4W	105mA (87%)
I-TRON ZERO 5P5 70DF.140-2M		3760lm	28.7W	140mA (100%)	2820lm	24.7W	121mA (86%)
I-TRON ZERO 5P5 70DF.160-2M		4250lm	31.7W	160mA (100%)	3200lm	28.3W	138mA (86%)
I-TRON ZERO 5P5 70DF.180-2M		4700lm	35.8W	180mA (100%)	3540lm	30.5W	154mA (85%)
I-TRON ZERO 5P5 70DF.200-2M		5090lm	40W	200mA (100%)	3820lm	33.3W	168mA (84%)
I-TRON ZERO 5P5 70DF.060-4M		3340lm	24.4W	60mA (100%)	2510lm	21.4W	52mA (86%)
I-TRON ZERO 5P5 70DF.070-4M		3870lm	28.2W	70mA (100%)	2920lm	24.8W	61mA (87%)
I-TRON ZERO 5P5 70DF.080-4M		4400lm	31.9W	80mA (100%)	3330lm	28.2W	70mA (87%)
I-TRON ZERO 5P5 70DF.090-4M		4920lm	35.8W	90mA (100%)	3700lm	31.2W	78mA (86%)
I-TRON ZERO 5P5 70DF.100-4M		5440lm	39.6W	100mA (100%)	4110lm	34.6W	87mA (87%)
I-TRON ZERO 5P5 70DF.120-4M		6470lm	47W	120mA (100%)	4870lm	40.8W	104mA (86%)
I-TRON ZERO 5P5 70DF.140-4M		7450lm	54.9W	140mA (100%)	5610lm	47.4W	121mA (86%)
I-TRON ZERO 5P5 70DF.160-4M		8400lm	61.7W	160mA (100%)	6300lm	53.7W	137mA (85%)
I-TRON ZERO 5P5 70DF.180-4M		9280lm	69.7W	180mA (100%)	6960lm	59W	153mA (85%)
I-TRON ZERO 5P5 70DF.200-4M		10100lm	77.9W	200mA (100%)	7590lm	65.3W	169mA (84%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
I-TRON ZERO 5P5 70DF.090-2M	S05 S07 STA STA1 STE-S STU-S	2400lm	19.1W	90mA (100%)	1800lm	15.1W		1200lm	11.5W	51mA (56%)
I-TRON ZERO 5P5 70DF.100-2M		2660lm	21.2W	100mA (100%)	2000lm	16.7W		1330lm	12.6W	57mA (56%)
I-TRON ZERO 5P5 70DF.120-2M		3170lm	24.5W	120mA (100%)	2400lm	20W		1600lm	14.9W	69mA (57%)
I-TRON ZERO 5P5 70DF.140-2M		3670lm	28.7W	140mA (100%)	2770lm	22.3W		1850lm	17.1W	80mA (57%)
I-TRON ZERO 5P5 70DF.160-2M		4140lm	31.7W	160mA (100%)	3110lm	25.1W		2070lm	19.1W	90mA (56%)
I-TRON ZERO 5P5 70DF.180-2M		4580lm	35.8W	180mA (100%)	3440lm	28W		2290lm	21.2W	100mA (55%)
I-TRON ZERO 5P5 70DF.200-2M		4970lm	40W	200mA (100%)	3740lm	29.6W		2490lm	22.3W	109mA (54%)
I-TRON ZERO 5P5 70DF.060-4M		3260lm	24.4W	60mA (100%)	2480lm	19.5W		1630lm	14.4W	33mA (55%)
I-TRON ZERO 5P5 70DF.070-4M		3770lm	28.2W	70mA (100%)	2870lm	22.5W		1930lm	17W	40mA (57%)
I-TRON ZERO 5P5 70DF.080-4M		4280lm	31.9W	80mA (100%)	3220lm	25.1W		2150lm	18.8W	45mA (56%)
I-TRON ZERO 5P5 70DF.090-4M		4800lm	35.8W	90mA (100%)	3610lm	28.2W		2410lm	21W	51mA (56%)
I-TRON ZERO 5P5 70DF.100-4M		5310lm	39.6W	100mA (100%)	4000lm	31.2W		2670lm	23.3W	57mA (56%)
I-TRON ZERO 5P5 70DF.120-4M		6320lm	47W	120mA (100%)	4740lm	36.9W		3160lm	27.4W	68mA (56%)
I-TRON ZERO 5P5 70DF.140-4M		7290lm	54.9W	140mA (100%)	5470lm	42.4W		3650lm	31.6W	79mA (56%)
I-TRON ZERO 5P5 70DF.160-4M		8220lm	61.7W	160mA (100%)	6190lm	48.2W		4140lm	35.8W	90mA (56%)
I-TRON ZERO 5P5 70DF.180-4M		9090lm	69.7W	180mA (100%)	6850lm	53.7W		4580lm	39.6W	100mA (55%)
I-TRON ZERO 5P5 70DF.200-4M		9880lm	77.9W	200mA (100%)	7430lm	57.8W		4970lm	42.7W	109mA (54%)
I-TRON ZERO 5P5 70DF.090-2M	STE-M STU-M STW SV	2450lm	19.1W	90mA (100%)	1840lm	15.1W		1230lm	11.5W	51mA (56%)
I-TRON ZERO 5P5 70DF.100-2M		2720lm	21.2W	100mA (100%)	2040lm	16.7W		1360lm	12.6W	57mA (56%)
I-TRON ZERO 5P5 70DF.120-2M		3250lm	24.5W	120mA (100%)	2450lm	20W		1630lm	14.9W	69mA (57%)
I-TRON ZERO 5P5 70DF.140-2M		3760lm	28.7W	140mA (100%)	2830lm	22.3W		1880lm	17.1W	80mA (57%)
I-TRON ZERO 5P5 70DF.160-2M		4250lm	31.7W	160mA (100%)	3210lm	25.3W		2130lm	19.3W	91mA (56%)
I-TRON ZERO 5P5 70DF.180-2M		4700lm	35.8W	180mA (100%)	3530lm	28W		2360lm	20.6W	101mA (56%)
I-TRON ZERO 5P5 70DF.200-2M		5090lm	40W	200mA (100%)	3840lm	29.6W		2550lm	22.3W	109mA (54%)
I-TRON ZERO 5P5 70DF.060-4M		3340lm	24.4W	60mA (100%)	2540lm	19.5W		1700lm	14.8W	34mA (56%)
I-TRON ZERO 5P5 70DF.070-4M		3870lm	28.2W	70mA (100%)	2940lm	22.5W		1970lm	17W	40mA (57%)
I-TRON ZERO 5P5 70DF.080-4M		4400lm	31.9W	80mA (100%)	3300lm	25.1W		2200lm	18.8W	45mA (56%)
I-TRON ZERO 5P5 70DF.090-4M		4920lm	35.8W	90mA (100%)	3700lm	28.2W		2470lm	21W	51mA (56%)
I-TRON ZERO 5P5 70DF.100-4M		5440lm	39.6W	100mA (100%)	4110lm	31.2W		2740lm	23.3W	57mA (56%)
I-TRON ZERO 5P5 70DF.120-4M		6470lm	47W	120mA (100%)	4860lm	36.9W		3240lm	27.4W	68mA (56%)
I-TRON ZERO 5P5 70DF.140-4M		7450lm	54.9W	140mA (100%)	5610lm	42.4W		3740lm	31.6W	79mA (56%)
I-TRON ZERO 5P5 70DF.160-4M		8400lm	61.7W	160mA (100%)	6330lm	48.2W		4200lm	35.4W	89mA (55%)
I-TRON ZERO 5P5 70DF.180-4M		9280lm	69.7W	180mA (100%)	7000lm	53.7W		4650lm	39.3W	99mA (55%)
I-TRON ZERO 5P5 70DF.200-4M		10100lm	77.9W	200mA (100%)	7590lm	57.8W		5050lm	42.4W	108mA (54%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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 ZERO 4P4 DF

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (3000K, lm)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE FLUX* (2200K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (3000K, lm/W)
I-TRON ZERO 4P4 70DF.120-2M	S05 S07 STE-S	120	2530	2430	2180	19.6	129.0
I-TRON ZERO 4P4 70DF.140-2M		140	2930	2810	2530	23	127.3
I-TRON ZERO 4P4 70DF.160-2M		160	3310	3170	2850	25.4	130.3
I-TRON ZERO 4P4 70DF.180-2M		180	3660	3510	3150	28.7	127.5
I-TRON ZERO 4P4 70DF.200-2M		200	3980	3810	3430	31.9	124.7
I-TRON ZERO 4P4 70DF.080-4M		80	3430	3280	2950	25.7	133.4
I-TRON ZERO 4P4 70DF.090-4M		90	3840	3680	3310	28.7	133.7
I-TRON ZERO 4P4 70DF.100-4M		100	4250	4070	3660	31.8	133.6
I-TRON ZERO 4P4 70DF.120-4M		120	5060	4840	4360	37.7	134.2
I-TRON ZERO 4P4 70DF.140-4M		140	5840	5590	5030	44	132.7
I-TRON ZERO 4P4 70DF.160-4M		160	6580	6300	5670	49.5	132.9
I-TRON ZERO 4P4 70DF.180-4M		180	7270	6960	6270	55.9	130.0
I-TRON ZERO 4P4 70DF.200-4M	STA STA1 STU-S	200	7910	7570	6810	62.3	126.9
I-TRON ZERO 4P4 70DF.120-2M		120	2570	2460	2210	19.6	131.1
I-TRON ZERO 4P4 70DF.140-2M		140	2970	2840	2560	23	129.1
I-TRON ZERO 4P4 70DF.160-2M		160	3350	3210	2890	25.4	131.8
I-TRON ZERO 4P4 70DF.180-2M		180	3710	3550	3190	28.7	129.2
I-TRON ZERO 4P4 70DF.200-2M		200	4020	3850	3470	31.9	126.0
I-TRON ZERO 4P4 70DF.080-4M		80	3470	3320	2990	25.7	135.0
I-TRON ZERO 4P4 70DF.090-4M		90	3880	3720	3340	28.7	135.1
I-TRON ZERO 4P4 70DF.100-4M		100	4300	4110	3700	31.8	135.2
I-TRON ZERO 4P4 70DF.120-4M		120	5110	4900	4410	37.7	135.5
I-TRON ZERO 4P4 70DF.140-4M		140	5900	5650	5090	44	134.0
I-TRON ZERO 4P4 70DF.160-4M		160	6650	6370	5730	49.5	134.3
I-TRON ZERO 4P4 70DF.180-4M	STE-M STU-M STW SV	180	7350	7040	6340	55.9	131.4
I-TRON ZERO 4P4 70DF.200-4M		200	7990	7650	6890	62.3	128.2
I-TRON ZERO 4P4 70DF.120-2M		120	2620	2510	2260	19.6	133.6
I-TRON ZERO 4P4 70DF.140-2M		140	3040	2910	2620	23	132.1
I-TRON ZERO 4P4 70DF.160-2M		160	3430	3280	2950	25.4	135.0
I-TRON ZERO 4P4 70DF.180-2M		180	3790	3630	3270	28.7	132.0
I-TRON ZERO 4P4 70DF.200-2M		200	4120	3940	3550	31.9	129.1
I-TRON ZERO 4P4 70DF.080-4M		80	3550	3400	3060	25.7	138.1
I-TRON ZERO 4P4 70DF.090-4M		90	3980	3810	3430	28.7	138.6
I-TRON ZERO 4P4 70DF.100-4M		100	4400	4210	3790	31.8	138.3
I-TRON ZERO 4P4 70DF.120-4M		120	5230	5010	4510	37.7	138.7
I-TRON ZERO 4P4 70DF.140-4M		140	6030	5780	5200	44	137.0
I-TRON ZERO 4P4 70DF.160-4M		160	6800	6510	5860	49.5	137.3
I-TRON ZERO 4P4 70DF.180-4M		180	7520	7200	6480	55.9	134.5
I-TRON ZERO 4P4 70DF.200-4M		200	8180	7830	7050	62.3	131.3

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2200K, 100% of flux)		
I-TRON ZERO 4P4 70DF.120-2M	S05 S07 STE-S	2190lm	16.9W	103mA (85%)	2180lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70DF.140-2M		2530lm	19.6W	120mA (85%)	2530lm	23W	140mA (100%)
I-TRON ZERO 4P4 70DF.160-2M		2850lm	22.3W	136mA (85%)	2850lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70DF.180-2M		3160lm	24.1W	152mA (84%)	3150lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70DF.200-2M		3440lm	26.6W	167mA (83%)	3430lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70DF.080-4M		2970lm	22.4W	69mA (86%)	2950lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70DF.090-4M		3340lm	25.1W	78mA (86%)	3310lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70DF.100-4M		3670lm	27.5W	86mA (86%)	3660lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70DF.120-4M		4370lm	32.4W	103mA (85%)	4360lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70DF.140-4M		5060lm	37.7W	120mA (85%)	5030lm	44W	140mA (100%)
I-TRON ZERO 4P4 70DF.160-4M	STA STA1 STU-S	5680lm	42.7W	136mA (85%)	5670lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70DF.180-4M		6290lm	46.9W	152mA (84%)	6270lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70DF.200-4M		6830lm	51.7W	167mA (83%)	6810lm	62.3W	200mA (100%)
I-TRON ZERO 4P4 70DF.120-2M		2220lm	16.9W	103mA (85%)	2210lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70DF.140-2M		2570lm	19.6W	120mA (85%)	2560lm	23W	140mA (100%)
I-TRON ZERO 4P4 70DF.160-2M		2890lm	22.3W	136mA (85%)	2890lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70DF.180-2M		3200lm	24.1W	152mA (84%)	3190lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70DF.200-2M		3480lm	26.6W	167mA (83%)	3470lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70DF.080-4M		3010lm	22.4W	69mA (86%)	2990lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70DF.090-4M		3340lm	24.8W	77mA (85%)	3340lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70DF.100-4M	STE-M STU-M STW SV	3720lm	27.5W	86mA (86%)	3700lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70DF.120-4M		4420lm	32.4W	103mA (85%)	4410lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70DF.140-4M		5110lm	37.7W	120mA (85%)	5090lm	44W	140mA (100%)
I-TRON ZERO 4P4 70DF.160-4M		5750lm	42.7W	136mA (85%)	5730lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70DF.180-4M		6360lm	46.9W	152mA (84%)	6340lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70DF.200-4M		6910lm	51.7W	167mA (83%)	6890lm	62.3W	200mA (100%)
I-TRON ZERO 4P4 70DF.120-2M		2260lm	16.9W	103mA (85%)	2260lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70DF.140-2M		2620lm	19.6W	120mA (85%)	2620lm	23W	140mA (100%)
I-TRON ZERO 4P4 70DF.160-2M		2960lm	22.3W	136mA (85%)	2950lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70DF.180-2M		3290lm	24.3W	153mA (85%)	3270lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70DF.200-2M		3560lm	26.6W	167mA (83%)	3550lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70DF.080-4M		3080lm	22.4W	69mA (86%)	3060lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70DF.090-4M		3470lm	25.1W	78mA (86%)	3430lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70DF.100-4M		3810lm	27.5W	86mA (86%)	3790lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70DF.120-4M		4530lm	32.4W	103mA (85%)	4510lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70DF.140-4M		5230lm	37.7W	120mA (85%)	5200lm	44W	140mA (100%)
I-TRON ZERO 4P4 70DF.160-4M		5880lm	42.7W	136mA (85%)	5860lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70DF.180-4M		6500lm	46.9W	152mA (84%)	6480lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70DF.200-4M		7060lm	51.7W	167mA (83%)	7050lm	62.3W	200mA (100%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2200K, 75% of flux)		
I-TRON ZERO 4P4 70DF.120-2M	S05 S07 STE-S	2530lm	19.6W	120mA (100%)	1900lm	17W	104mA (86%)
I-TRON ZERO 4P4 70DF.140-2M		2930lm	23W	140mA (100%)	2200lm	19.8W	121mA (86%)
I-TRON ZERO 4P4 70DF.160-2M		3310lm	25.4W	160mA (100%)	2490lm	22.7W	138mA (86%)
I-TRON ZERO 4P4 70DF.180-2M		3660lm	28.7W	180mA (100%)	2760lm	24.4W	154mA (85%)
I-TRON ZERO 4P4 70DF.200-2M		3980lm	31.9W	200mA (100%)	2990lm	26.9W	169mA (84%)
I-TRON ZERO 4P4 70DF.080-4M		3430lm	25.7W	80mA (100%)	2600lm	22.7W	70mA (87%)
I-TRON ZERO 4P4 70DF.090-4M		3840lm	28.7W	90mA (100%)	2880lm	25.1W	78mA (86%)
I-TRON ZERO 4P4 70DF.100-4M		4250lm	31.8W	100mA (100%)	3200lm	27.8W	87mA (87%)
I-TRON ZERO 4P4 70DF.120-4M		5060lm	37.7W	120mA (100%)	3800lm	32.7W	104mA (86%)
I-TRON ZERO 4P4 70DF.140-4M		5840lm	44W	140mA (100%)	4390lm	38W	121mA (86%)
I-TRON ZERO 4P4 70DF.160-4M	STA STA1 STU-S	6580lm	49.5W	160mA (100%)	4960lm	43.4W	138mA (86%)
I-TRON ZERO 4P4 70DF.180-4M		7270lm	55.9W	180mA (100%)	5480lm	47.6W	154mA (85%)
I-TRON ZERO 4P4 70DF.200-4M		7910lm	62.3W	200mA (100%)	5950lm	52.3W	169mA (84%)
I-TRON ZERO 4P4 70DF.120-2M		2570lm	19.6W	120mA (100%)	1930lm	17W	104mA (86%)
I-TRON ZERO 4P4 70DF.140-2M		2970lm	23W	140mA (100%)	2230lm	19.8W	121mA (86%)
I-TRON ZERO 4P4 70DF.160-2M		3350lm	25.4W	160mA (100%)	2530lm	22.7W	138mA (86%)
I-TRON ZERO 4P4 70DF.180-2M		3710lm	28.7W	180mA (100%)	2790lm	24.4W	154mA (85%)
I-TRON ZERO 4P4 70DF.200-2M		4020lm	31.9W	200mA (100%)	3030lm	26.9W	169mA (84%)
I-TRON ZERO 4P4 70DF.080-4M		3470lm	25.7W	80mA (100%)	2630lm	22.7W	70mA (87%)
I-TRON ZERO 4P4 70DF.090-4M		3880lm	28.7W	90mA (100%)	2910lm	25.1W	78mA (86%)
I-TRON ZERO 4P4 70DF.100-4M	STE-M STU-M STW SV	4300lm	31.8W	100mA (100%)	3240lm	27.8W	87mA (87%)
I-TRON ZERO 4P4 70DF.120-4M		5110lm	37.7W	120mA (100%)	3840lm	32.7W	104mA (86%)
I-TRON ZERO 4P4 70DF.140-4M		5900lm	44W	140mA (100%)	4440lm	38W	121mA (86%)
I-TRON ZERO 4P4 70DF.160-4M		6650lm	49.5W	160mA (100%)	4990lm	43W	137mA (85%)
I-TRON ZERO 4P4 70DF.180-4M		7350lm	55.9W	180mA (100%)	5540lm	47.6W	154mA (85%)
I-TRON ZERO 4P4 70DF.200-4M		7990lm	62.3W	200mA (100%)	6010lm	52.3W	169mA (84%)
I-TRON ZERO 4P4 70DF.120-2M		2620lm	19.6W	120mA (100%)	1970lm	17W	104mA (86%)
I-TRON ZERO 4P4 70DF.140-2M		3040lm	23W	140mA (100%)	2280lm	19.8W	121mA (86%)
I-TRON ZERO 4P4 70DF.160-2M		3430lm	25.4W	160mA (100%)	2580lm	22.7W	138mA (86%)
I-TRON ZERO 4P4 70DF.180-2M		3790lm	28.7W	180mA (100%)	2850lm	24.4W	154mA (85%)
I-TRON ZERO 4P4 70DF.200-2M		4120lm	31.9W	200mA (100%)	3100lm	26.9W	169mA (84%)
I-TRON ZERO 4P4 70DF.080-4M		3550lm	25.7W	80mA (100%)	2690lm	22.7W	70mA (87%)
I-TRON ZERO 4P4 70DF.090-4M		3980lm	28.7W	90mA (100%)	2990lm	25.1W	78mA (86%)
I-TRON ZERO 4P4 70DF.100-4M		4400lm	31.8W	100mA (100%)	3320lm	27.8W	87mA (87%)
I-TRON ZERO 4P4 70DF.120-4M		5230lm	37.7W	120mA (100%)	3940lm	32.7W	104mA (86%)
I-TRON ZERO 4P4 70DF.140-4M		6030lm	44W	140mA (100%)	4540lm	38W	121mA (86%)
I-TRON ZERO 4P4 70DF.160-4M		6800lm	49.5W	160mA (100%)	5100lm	43W	137mA (85%)
I-TRON ZERO 4P4 70DF.180-4M		7520lm	55.9W	180mA (100%)	5670lm	47.6W	154mA (85%)
I-TRON ZERO 4P4 70DF.200-4M		8180lm	62.3W	200mA (100%)	6140lm	52.3W	169mA (84%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
I-TRON ZERO 4P4 70DF.120-2M	S05	2530lm	19.6W	120mA (100%)	1910lm	16W		1280lm	12W	69mA (57%)
I-TRON ZERO 4P4 70DF.140-2M		2930lm	23W	140mA (100%)	2210lm	17.8W		1470lm	13.7W	80mA (57%)
I-TRON ZERO 4P4 70DF.160-2M		3310lm	25.4W	160mA (100%)	2490lm	20.1W		1670lm	15.5W	91mA (56%)
I-TRON ZERO 4P4 70DF.180-2M		3660lm	28.7W	180mA (100%)	2750lm	22.5W		1830lm	17W	100mA (55%)
I-TRON ZERO 4P4 70DF.200-2M		3980lm	31.9W	200mA (100%)	2990lm	23.8W		1990lm	17.8W	109mA (54%)
I-TRON ZERO 4P4 70DF.080-4M		3430lm	25.7W	80mA (100%)	2610lm	20.7W		1750lm	15.8W	46mA (57%)
I-TRON ZERO 4P4 70DF.090-4M		3840lm	28.7W	90mA (100%)	2890lm	22.7W		1920lm	17.2W	51mA (56%)
I-TRON ZERO 4P4 70DF.100-4M		4250lm	31.8W	100mA (100%)	3200lm	25.1W		2140lm	18.9W	57mA (56%)
I-TRON ZERO 4P4 70DF.120-4M		5060lm	37.7W	120mA (100%)	3830lm	30W		2530lm	22.1W	68mA (56%)
I-TRON ZERO 4P4 70DF.140-4M		5840lm	44W	140mA (100%)	4380lm	34W		2920lm	25.4W	79mA (56%)
I-TRON ZERO 4P4 70DF.160-4M	STE-S	6580lm	49.5W	160mA (100%)	4960lm	38.6W		3310lm	28.7W	90mA (56%)
I-TRON ZERO 4P4 70DF.180-4M		7270lm	55.9W	180mA (100%)	5480lm	43W		3660lm	31.8W	100mA (55%)
I-TRON ZERO 4P4 70DF.200-4M		7910lm	62.3W	200mA (100%)	5950lm	46.3W		3980lm	34.3W	109mA (54%)
I-TRON ZERO 4P4 70DF.120-2M		2570lm	19.6W	120mA (100%)	1940lm	16W		1290lm	12W	69mA (57%)
I-TRON ZERO 4P4 70DF.140-2M		2970lm	23W	140mA (100%)	2240lm	17.8W		1490lm	13.7W	80mA (57%)
I-TRON ZERO 4P4 70DF.160-2M		3350lm	25.4W	160mA (100%)	2520lm	20.1W		1690lm	15.5W	91mA (56%)
I-TRON ZERO 4P4 70DF.180-2M		3710lm	28.7W	180mA (100%)	2790lm	22.5W		1870lm	16.5W	101mA (56%)
I-TRON ZERO 4P4 70DF.200-2M		4020lm	31.9W	200mA (100%)	3030lm	23.8W		2020lm	17.8W	109mA (54%)
I-TRON ZERO 4P4 70DF.080-4M		3470lm	25.7W	80mA (100%)	2640lm	20.7W		1740lm	15.5W	45mA (56%)
I-TRON ZERO 4P4 70DF.090-4M		3880lm	28.7W	90mA (100%)	2920lm	22.7W		1950lm	17.2W	51mA (56%)
I-TRON ZERO 4P4 70DF.100-4M	STA1	4300lm	31.8W	100mA (100%)	3240lm	25.1W		2160lm	18.9W	57mA (56%)
I-TRON ZERO 4P4 70DF.120-4M		5110lm	37.7W	120mA (100%)	3840lm	29.7W		2560lm	22.1W	68mA (56%)
I-TRON ZERO 4P4 70DF.140-4M		5900lm	44W	140mA (100%)	4430lm	34W		2950lm	25.4W	79mA (56%)
I-TRON ZERO 4P4 70DF.160-4M		6650lm	49.5W	160mA (100%)	5010lm	38.6W		3340lm	28.7W	90mA (56%)
I-TRON ZERO 4P4 70DF.180-4M		7350lm	55.9W	180mA (100%)	5540lm	43W		3700lm	31.8W	100mA (55%)
I-TRON ZERO 4P4 70DF.200-4M		7990lm	62.3W	200mA (100%)	6020lm	46.3W		4020lm	34.3W	109mA (54%)
I-TRON ZERO 4P4 70DF.120-2M		2620lm	19.6W	120mA (100%)	1980lm	16W		1320lm	12W	69mA (57%)
I-TRON ZERO 4P4 70DF.140-2M		3040lm	23W	140mA (100%)	2290lm	17.8W		1520lm	13.7W	80mA (57%)
I-TRON ZERO 4P4 70DF.160-2M		3430lm	25.4W	160mA (100%)	2590lm	20.3W		1730lm	15.5W	91mA (56%)
I-TRON ZERO 4P4 70DF.180-2M		3790lm	28.7W	180mA (100%)	2850lm	22.5W		1900lm	17W	100mA (55%)
I-TRON ZERO 4P4 70DF.200-2M	STE-M	4120lm	31.9W	200mA (100%)	3100lm	23.8W		2060lm	17.8W	109mA (54%)
I-TRON ZERO 4P4 70DF.080-4M		3550lm	25.7W	80mA (100%)	2670lm	20.4W		1780lm	15.5W	45mA (56%)
I-TRON ZERO 4P4 70DF.090-4M		3980lm	28.7W	90mA (100%)	2990lm	22.7W		2000lm	17.2W	51mA (56%)
I-TRON ZERO 4P4 70DF.100-4M		4400lm	31.8W	100mA (100%)	3320lm	25.1W		2220lm	18.9W	57mA (56%)
I-TRON ZERO 4P4 70DF.120-4M		5230lm	37.7W	120mA (100%)	3930lm	29.7W		2620lm	22.1W	68mA (56%)
I-TRON ZERO 4P4 70DF.140-4M		6030lm	44W	140mA (100%)	4530lm	34W		3020lm	25.4W	79mA (56%)
I-TRON ZERO 4P4 70DF.160-4M		6800lm	49.5W	160mA (100%)	5130lm	38.6W		3430lm	28.7W	90mA (56%)
I-TRON ZERO 4P4 70DF.180-4M		7520lm	55.9W	180mA (100%)	5660lm	43W		3790lm	31.8W	100mA (55%)
I-TRON ZERO 4P4 70DF.200-4M		8180lm	62.3W	200mA (100%)	6150lm	46.3W		4120lm	34.3W	109mA (54%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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 ZERO 5P5 EG

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (4000K, lm)	LUMINAIRE FLUX* (3000K, lm)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (4000K, lm/W)
I-TRON ZERO 5P5 70EG.090-2M	S05 S07 STA STA1 STE-S STU-S	90	2550	2400	2300	19.1	133.5
I-TRON ZERO 5P5 70EG.100-2M		100	2830	2660	2550	21.2	133.4
I-TRON ZERO 5P5 70EG.120-2M		120	3370	3170	3040	24.5	137.5
I-TRON ZERO 5P5 70EG.140-2M		140	3900	3670	3510	28.7	135.8
I-TRON ZERO 5P5 70EG.160-2M		160	4400	4140	3960	31.7	138.8
I-TRON ZERO 5P5 70EG.180-2M		180	4870	4580	4380	35.8	136.0
I-TRON ZERO 5P5 70EG.200-2M		200	5290	4970	4760	40	132.2
I-TRON ZERO 5P5 70EG.060-4M		60	3460	3260	3120	24.4	141.8
I-TRON ZERO 5P5 70EG.070-4M		70	4010	3770	3610	28.2	142.1
I-TRON ZERO 5P5 70EG.080-4M		80	4560	4280	4100	31.9	142.9
I-TRON ZERO 5P5 70EG.090-4M		90	5110	4800	4600	35.8	142.7
I-TRON ZERO 5P5 70EG.100-4M		100	5650	5310	5090	39.6	142.6
I-TRON ZERO 5P5 70EG.120-4M		120	6720	6320	6050	47	142.9
I-TRON ZERO 5P5 70EG.140-4M		140	7760	7290	6980	54.9	141.3
I-TRON ZERO 5P5 70EG.160-4M		160	8750	8220	7870	61.7	141.8
I-TRON ZERO 5P5 70EG.180-4M		180	9670	9090	8700	69.7	138.7
I-TRON ZERO 5P5 70EG.200-4M		200	10510	9880	9460	77.9	134.9
I-TRON ZERO 5P5 70EG.090-2M	STE-M STU-M STW SV	90	2610	2450	2350	19.1	136.6
I-TRON ZERO 5P5 70EG.100-2M		100	2890	2720	2600	21.2	136.3
I-TRON ZERO 5P5 70EG.120-2M		120	3450	3250	3110	24.5	140.8
I-TRON ZERO 5P5 70EG.140-2M		140	4000	3760	3600	28.7	139.3
I-TRON ZERO 5P5 70EG.160-2M		160	4520	4250	4070	31.7	142.5
I-TRON ZERO 5P5 70EG.180-2M		180	5000	4700	4500	35.8	139.6
I-TRON ZERO 5P5 70EG.200-2M		200	5420	5090	4880	40	135.5
I-TRON ZERO 5P5 70EG.060-4M		60	3550	3340	3200	24.4	145.4
I-TRON ZERO 5P5 70EG.070-4M		70	4120	3870	3700	28.2	146.0
I-TRON ZERO 5P5 70EG.080-4M		80	4680	4400	4210	31.9	146.7
I-TRON ZERO 5P5 70EG.090-4M		90	5240	4920	4710	35.8	146.3
I-TRON ZERO 5P5 70EG.100-4M		100	5790	5440	5210	39.6	146.2
I-TRON ZERO 5P5 70EG.120-4M		120	6880	6470	6190	47	146.3
I-TRON ZERO 5P5 70EG.140-4M		140	7930	7450	7140	54.9	144.4
I-TRON ZERO 5P5 70EG.160-4M		160	8930	8400	8040	61.7	144.7
I-TRON ZERO 5P5 70EG.180-4M		180	9870	9280	8890	69.7	141.6
I-TRON ZERO 5P5 70EG.200-4M		200	10740	10100	9670	77.9	137.8

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 2700K, 100% of flux)		
I-TRON ZERO 5P5 70EG.090-2M	S05 S07 STA STA1 STE-S STU-S	2310lm	17.3W	81mA (90%)	2300lm	19.1W	90mA (100%)
I-TRON ZERO 5P5 70EG.100-2M		2550lm	19.1W	90mA (90%)	2550lm	21.2W	100mA (100%)
I-TRON ZERO 5P5 70EG.120-2M		3050lm	22.1W	108mA (90%)	3040lm	24.5W	120mA (100%)
I-TRON ZERO 5P5 70EG.140-2M		3510lm	25.5W	125mA (89%)	3510lm	28.7W	140mA (100%)
I-TRON ZERO 5P5 70EG.160-2M		3980lm	28.2W	143mA (89%)	3960lm	31.7W	160mA (100%)
I-TRON ZERO 5P5 70EG.180-2M		4380lm	31.5W	159mA (88%)	4380lm	35.8W	180mA (100%)
I-TRON ZERO 5P5 70EG.200-2M		4780lm	35W	176mA (88%)	4760lm	40W	200mA (100%)
I-TRON ZERO 5P5 70EG.060-4M		3140lm	22.1W	54mA (90%)	3120lm	24.4W	60mA (100%)
I-TRON ZERO 5P5 70EG.070-4M		3630lm	25.5W	63mA (90%)	3610lm	28.2W	70mA (100%)
I-TRON ZERO 5P5 70EG.080-4M		4120lm	28.9W	72mA (90%)	4100lm	31.9W	80mA (100%)
I-TRON ZERO 5P5 70EG.090-4M		4610lm	32.3W	81mA (90%)	4600lm	35.8W	90mA (100%)
I-TRON ZERO 5P5 70EG.100-4M		5110lm	35.8W	90mA (90%)	5090lm	39.6W	100mA (100%)
I-TRON ZERO 5P5 70EG.120-4M		6080lm	42.4W	108mA (90%)	6050lm	47W	120mA (100%)
I-TRON ZERO 5P5 70EG.140-4M		6990lm	49W	125mA (89%)	6980lm	54.9W	140mA (100%)
I-TRON ZERO 5P5 70EG.160-4M		7910lm	55W	143mA (89%)	7870lm	61.7W	160mA (100%)
I-TRON ZERO 5P5 70EG.180-4M	STE-M STU-M STW SV	8700lm	61.3W	159mA (88%)	8700lm	69.7W	180mA (100%)
I-TRON ZERO 5P5 70EG.200-4M		9490lm	68.1W	176mA (88%)	9460lm	77.9W	200mA (100%)
I-TRON ZERO 5P5 70EG.090-2M		2350lm	17.3W	81mA (90%)	2350lm	19.1W	90mA (100%)
I-TRON ZERO 5P5 70EG.100-2M		2610lm	19.1W	90mA (90%)	2600lm	21.2W	100mA (100%)
I-TRON ZERO 5P5 70EG.120-2M		3120lm	22.1W	108mA (90%)	3110lm	24.5W	120mA (100%)
I-TRON ZERO 5P5 70EG.140-2M		3620lm	25.7W	126mA (90%)	3600lm	28.7W	140mA (100%)
I-TRON ZERO 5P5 70EG.160-2M		4080lm	28.2W	143mA (89%)	4070lm	31.7W	160mA (100%)
I-TRON ZERO 5P5 70EG.180-2M		4520lm	31.7W	160mA (88%)	4500lm	35.8W	180mA (100%)
I-TRON ZERO 5P5 70EG.200-2M		4880lm	34.8W	175mA (87%)	4880lm	40W	200mA (100%)
I-TRON ZERO 5P5 70EG.060-4M		3220lm	22.1W	54mA (90%)	3200lm	24.4W	60mA (100%)
I-TRON ZERO 5P5 70EG.070-4M		3720lm	25.5W	63mA (90%)	3700lm	28.2W	70mA (100%)
I-TRON ZERO 5P5 70EG.080-4M		4230lm	28.9W	72mA (90%)	4210lm	31.9W	80mA (100%)
I-TRON ZERO 5P5 70EG.090-4M		4730lm	32.3W	81mA (90%)	4710lm	35.8W	90mA (100%)
I-TRON ZERO 5P5 70EG.100-4M		5240lm	35.8W	90mA (90%)	5210lm	39.6W	100mA (100%)
I-TRON ZERO 5P5 70EG.120-4M		6230lm	42.4W	108mA (90%)	6190lm	47W	120mA (100%)
I-TRON ZERO 5P5 70EG.140-4M		7150lm	49W	125mA (89%)	7140lm	54.9W	140mA (100%)
I-TRON ZERO 5P5 70EG.160-4M		8080lm	55W	143mA (89%)	8040lm	61.7W	160mA (100%)
I-TRON ZERO 5P5 70EG.180-4M		8930lm	61.7W	160mA (88%)	8890lm	69.7W	180mA (100%)
I-TRON ZERO 5P5 70EG.200-4M		9690lm	68.1W	176mA (88%)	9670lm	77.9W	200mA (100%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)		
I-TRON ZERO 5P5 70EG.090-2M	S05 S07 STA STA1 STE-S STU-S	2550lm	19.1W	90mA (100%)	1930lm	16.1W	75mA (83%)
I-TRON ZERO 5P5 70EG.100-2M		2830lm	21.2W	100mA (100%)	2130lm	17.7W	83mA (83%)
I-TRON ZERO 5P5 70EG.120-2M		3370lm	24.5W	120mA (100%)	2550lm	21.2W	100mA (83%)
I-TRON ZERO 5P5 70EG.140-2M		3900lm	28.7W	140mA (100%)	2940lm	23.7W	116mA (82%)
I-TRON ZERO 5P5 70EG.160-2M		4400lm	31.7W	160mA (100%)	3300lm	26.8W	131mA (81%)
I-TRON ZERO 5P5 70EG.180-2M		4870lm	35.8W	180mA (100%)	3670lm	29W	147mA (81%)
I-TRON ZERO 5P5 70EG.200-2M		5290lm	40W	200mA (100%)	3980lm	31.9W	161mA (80%)
I-TRON ZERO 5P5 70EG.060-4M		3460lm	24.4W	60mA (100%)	2630lm	20.7W	50mA (83%)
I-TRON ZERO 5P5 70EG.070-4M		4010lm	28.2W	70mA (100%)	3020lm	23.6W	58mA (82%)
I-TRON ZERO 5P5 70EG.080-4M		4560lm	31.9W	80mA (100%)	3460lm	27W	67mA (83%)
I-TRON ZERO 5P5 70EG.090-4M		5110lm	35.8W	90mA (100%)	3860lm	30W	75mA (83%)
I-TRON ZERO 5P5 70EG.100-4M		5650lm	39.6W	100mA (100%)	4250lm	33.1W	83mA (83%)
I-TRON ZERO 5P5 70EG.120-4M		6720lm	47W	120mA (100%)	5040lm	39.3W	99mA (82%)
I-TRON ZERO 5P5 70EG.140-4M		7760lm	54.9W	140mA (100%)	5860lm	45.5W	116mA (82%)
I-TRON ZERO 5P5 70EG.160-4M		8750lm	61.7W	160mA (100%)	6570lm	51.3W	131mA (81%)
I-TRON ZERO 5P5 70EG.180-4M		9670lm	69.7W	180mA (100%)	7260lm	56.2W	146mA (81%)
I-TRON ZERO 5P5 70EG.200-4M	STE-M STU-M STW SV	10510lm	77.9W	200mA (100%)	7920lm	62.1W	161mA (80%)
I-TRON ZERO 5P5 70EG.090-2M		2610lm	19.1W	90mA (100%)	1960lm	16.1W	75mA (83%)
I-TRON ZERO 5P5 70EG.100-2M		2890lm	21.2W	100mA (100%)	2170lm	17.7W	83mA (83%)
I-TRON ZERO 5P5 70EG.120-2M		3450lm	24.5W	120mA (100%)	2600lm	21.2W	100mA (83%)
I-TRON ZERO 5P5 70EG.140-2M		4000lm	28.7W	140mA (100%)	3010lm	23.7W	116mA (82%)
I-TRON ZERO 5P5 70EG.160-2M		4520lm	31.7W	160mA (100%)	3410lm	27W	132mA (82%)
I-TRON ZERO 5P5 70EG.180-2M		5000lm	35.8W	180mA (100%)	3770lm	29W	147mA (81%)
I-TRON ZERO 5P5 70EG.200-2M		5420lm	40W	200mA (100%)	4070lm	31.7W	160mA (80%)
I-TRON ZERO 5P5 70EG.060-4M		3550lm	24.4W	60mA (100%)	2690lm	20.7W	50mA (83%)
I-TRON ZERO 5P5 70EG.070-4M		4120lm	28.2W	70mA (100%)	3100lm	23.6W	58mA (82%)
I-TRON ZERO 5P5 70EG.080-4M		4680lm	31.9W	80mA (100%)	3550lm	27W	67mA (83%)
I-TRON ZERO 5P5 70EG.090-4M		5240lm	35.8W	90mA (100%)	3960lm	30W	75mA (83%)
I-TRON ZERO 5P5 70EG.100-4M		5790lm	39.6W	100mA (100%)	4360lm	33.1W	83mA (83%)
I-TRON ZERO 5P5 70EG.120-4M		6880lm	47W	120mA (100%)	5160lm	39.3W	99mA (82%)
I-TRON ZERO 5P5 70EG.140-4M		7930lm	54.9W	140mA (100%)	5950lm	45.1W	115mA (82%)
I-TRON ZERO 5P5 70EG.160-4M		8930lm	61.7W	160mA (100%)	6720lm	51.3W	131mA (81%)
I-TRON ZERO 5P5 70EG.180-4M		9870lm	69.7W	180mA (100%)	7410lm	56.2W	146mA (81%)
I-TRON ZERO 5P5 70EG.200-4M		10740lm	77.9W	200mA (100%)	8080lm	62.1W	161mA (80%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 3000K, 75% of flux)			(Tq=25°C, 2700K, 50% of flux)		
I-TRON ZERO 5P5 70EG.090-2M	S05 S07 STA STA1 STE-S STU-S	2550lm	19.1W	90mA (100%)	1930lm	15.5W		1290lm	11.1W	49mA (54%)
I-TRON ZERO 5P5 70EG.100-2M		2830lm	21.2W	100mA (100%)	2140lm	17.1W		1430lm	12.2W	55mA (55%)
I-TRON ZERO 5P5 70EG.120-2M		3370lm	24.5W	120mA (100%)	2530lm	20.2W		1700lm	14.3W	66mA (55%)
I-TRON ZERO 5P5 70EG.140-2M		3900lm	28.7W	140mA (100%)	2940lm	22.7W		1950lm	16.3W	76mA (54%)
I-TRON ZERO 5P5 70EG.160-2M		4400lm	31.7W	160mA (100%)	3300lm	25.5W		2200lm	18.3W	86mA (53%)
I-TRON ZERO 5P5 70EG.180-2M		4870lm	35.8W	180mA (100%)	3670lm	28.7W		2450lm	20.4W	96mA (53%)
I-TRON ZERO 5P5 70EG.200-2M		5290lm	40W	200mA (100%)	3980lm	30.3W		2650lm	21.2W	104mA (52%)
I-TRON ZERO 5P5 70EG.060-4M		3460lm	24.4W	60mA (100%)	2640lm	19.9W		1760lm	14W	32mA (53%)
I-TRON ZERO 5P5 70EG.070-4M		4010lm	28.2W	70mA (100%)	3050lm	22.9W		2050lm	16.2W	38mA (54%)
I-TRON ZERO 5P5 70EG.080-4M		4560lm	31.9W	80mA (100%)	3460lm	25.9W		2290lm	18.1W	43mA (53%)
I-TRON ZERO 5P5 70EG.090-4M		5110lm	35.8W	90mA (100%)	3870lm	28.9W		2580lm	20.3W	49mA (54%)
I-TRON ZERO 5P5 70EG.100-4M		5650lm	39.6W	100mA (100%)	4280lm	31.9W		2870lm	22.5W	55mA (55%)
I-TRON ZERO 5P5 70EG.120-4M		6720lm	47W	120mA (100%)	5060lm	37.7W		3360lm	26.3W	65mA (54%)
I-TRON ZERO 5P5 70EG.140-4M		7760lm	54.9W	140mA (100%)	5820lm	43.1W		3910lm	30.4W	76mA (54%)
I-TRON ZERO 5P5 70EG.160-4M		8750lm	61.7W	160mA (100%)	6570lm	49W		4400lm	34.2W	86mA (53%)
I-TRON ZERO 5P5 70EG.180-4M		9670lm	69.7W	180mA (100%)	7290lm	54.9W		4840lm	37.7W	95mA (52%)
I-TRON ZERO 5P5 70EG.200-4M	STE-M STU-M STW SV	10510lm	77.9W	200mA (100%)	7900lm	59W		5280lm	40.8W	104mA (52%)
I-TRON ZERO 5P5 70EG.090-2M		2610lm	19.1W	90mA (100%)	1970lm	15.5W		1310lm	11.1W	49mA (54%)
I-TRON ZERO 5P5 70EG.100-2M		2890lm	21.2W	100mA (100%)	2180lm	17.1W		1460lm	12.2W	55mA (55%)
I-TRON ZERO 5P5 70EG.120-2M		3450lm	24.5W	120mA (100%)	2610lm	20.4W		1740lm	14.3W	66mA (55%)
I-TRON ZERO 5P5 70EG.140-2M		4000lm	28.7W	140mA (100%)	3010lm	22.7W		2010lm	16.5W	77mA (55%)
I-TRON ZERO 5P5 70EG.160-2M		4520lm	31.7W	160mA (100%)	3400lm	25.7W		2270lm	18.5W	87mA (54%)
I-TRON ZERO 5P5 70EG.180-2M		5000lm	35.8W	180mA (100%)	3760lm	28.7W		2500lm	20.4W	96mA (53%)
I-TRON ZERO 5P5 70EG.200-2M		5420lm	40W	200mA (100%)	4080lm	30.3W		2730lm	21.4W	105mA (52%)
I-TRON ZERO 5P5 70EG.060-4M		3550lm	24.4W	60mA (100%)	2710lm	19.9W		1790lm	14W	32mA (53%)
I-TRON ZERO 5P5 70EG.070-4M		4120lm	28.2W	70mA (100%)	3130lm	22.9W		2090lm	16.2W	38mA (54%)
I-TRON ZERO 5P5 70EG.080-4M		4680lm	31.9W	80mA (100%)	3550lm	25.9W		2340lm	18.1W	43mA (53%)
I-TRON ZERO 5P5 70EG.090-4M		5240lm	35.8W	90mA (100%)	3970lm	28.9W		2640lm	20.3W	49mA (54%)
I-TRON ZERO 5P5 70EG.100-4M		5790lm	39.6W	100mA (100%)	4400lm	31.9W		2940lm	22.5W	55mA (55%)
I-TRON ZERO 5P5 70EG.120-4M		6880lm	47W	120mA (100%)	5180lm	37.7W		3450lm	26.3W	65mA (54%)
I-TRON ZERO 5P5 70EG.140-4M		7930lm	54.9W	140mA (100%)	5960lm	43.1W		4010lm	30.4W	76mA (54%)
I-TRON ZERO 5P5 70EG.160-4M		8930lm	61.7W	160mA (100%)	6720lm	49W		4510lm	34.2W	86mA (53%)
I-TRON ZERO 5P5 70EG.180-4M		9870lm	69.7W	180mA (100%)	7410lm	54.5W		4960lm	37.7W	95mA (52%)
I-TRON ZERO 5P5 70EG.200-4M		10740lm	77.9W	200mA (100%)	8070lm	59W		5410lm	40.8W	104mA (52%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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 ZERO 4P4 EG

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (4000K, lm)	LUMINAIRE FLUX* (3000K, lm)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (4000K, lm/W)
I-TRON ZERO 4P4 70EG.120-2M	S05 S07 STE-S	120	2700	2530	2430	19.6	137.7
I-TRON ZERO 4P4 70EG.140-2M		140	3120	2930	2810	23	135.6
I-TRON ZERO 4P4 70EG.160-2M		160	3520	3310	3170	25.4	138.5
I-TRON ZERO 4P4 70EG.180-2M		180	3890	3660	3510	28.7	135.5
I-TRON ZERO 4P4 70EG.200-2M		200	4230	3980	3810	31.9	132.6
I-TRON ZERO 4P4 70EG.080-4M		80	3650	3430	3280	25.7	142.0
I-TRON ZERO 4P4 70EG.090-4M		90	4080	3840	3680	28.7	142.1
I-TRON ZERO 4P4 70EG.100-4M		100	4520	4250	4070	31.8	142.1
I-TRON ZERO 4P4 70EG.120-4M		120	5380	5060	4840	37.7	142.7
I-TRON ZERO 4P4 70EG.140-4M		140	6210	5840	5590	44	141.1
I-TRON ZERO 4P4 70EG.160-4M		160	7000	6580	6300	49.5	141.4
I-TRON ZERO 4P4 70EG.180-4M		180	7740	7270	6960	55.9	138.4
I-TRON ZERO 4P4 70EG.200-4M	STA STA1 STU-S	200	8410	7910	7570	62.3	134.9
I-TRON ZERO 4P4 70EG.120-2M		120	2730	2570	2460	19.6	139.2
I-TRON ZERO 4P4 70EG.140-2M		140	3160	2970	2840	23	137.3
I-TRON ZERO 4P4 70EG.160-2M		160	3570	3350	3210	25.4	140.5
I-TRON ZERO 4P4 70EG.180-2M		180	3940	3710	3550	28.7	137.2
I-TRON ZERO 4P4 70EG.200-2M		200	4280	4020	3850	31.9	134.1
I-TRON ZERO 4P4 70EG.080-4M		80	3690	3470	3320	25.7	143.5
I-TRON ZERO 4P4 70EG.090-4M		90	4130	3880	3720	28.7	143.9
I-TRON ZERO 4P4 70EG.100-4M		100	4570	4300	4110	31.8	143.7
I-TRON ZERO 4P4 70EG.120-4M		120	5440	5110	4900	37.7	144.2
I-TRON ZERO 4P4 70EG.140-4M		140	6280	5900	5650	44	142.7
I-TRON ZERO 4P4 70EG.160-4M		160	7080	6650	6370	49.5	143.0
I-TRON ZERO 4P4 70EG.180-4M	STE-M STU-M STW SV	180	7820	7350	7040	55.9	139.8
I-TRON ZERO 4P4 70EG.200-4M		200	8500	7990	7650	62.3	136.4
I-TRON ZERO 4P4 70EG.120-2M		120	2790	2620	2510	19.6	142.3
I-TRON ZERO 4P4 70EG.140-2M		140	3230	3040	2910	23	140.4
I-TRON ZERO 4P4 70EG.160-2M		160	3650	3430	3280	25.4	143.7
I-TRON ZERO 4P4 70EG.180-2M		180	4030	3790	3630	28.7	140.4
I-TRON ZERO 4P4 70EG.200-2M		200	4380	4120	3940	31.9	137.3
I-TRON ZERO 4P4 70EG.080-4M		80	3780	3550	3400	25.7	147.0
I-TRON ZERO 4P4 70EG.090-4M		90	4230	3980	3810	28.7	147.3
I-TRON ZERO 4P4 70EG.100-4M		100	4680	4400	4210	31.8	147.1
I-TRON ZERO 4P4 70EG.120-4M		120	5560	5230	5010	37.7	147.4
I-TRON ZERO 4P4 70EG.140-4M		140	6420	6030	5780	44	145.9
I-TRON ZERO 4P4 70EG.160-4M		160	7240	6800	6510	49.5	146.2
I-TRON ZERO 4P4 70EG.180-4M		180	8000	7520	7200	55.9	143.1
I-TRON ZERO 4P4 70EG.200-4M		200	8700	8180	7830	62.3	139.6

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 2700K, 100% of flux)		
I-TRON ZERO 4P4 70EG.120-2M	S05 S07 STE-S	2440lm	17.7W	108mA (90%)	2430lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70EG.140-2M		2830lm	20.6W	126mA (90%)	2810lm	23W	140mA (100%)
I-TRON ZERO 4P4 70EG.160-2M		3180lm	22.6W	143mA (89%)	3170lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70EG.180-2M		3520lm	25.4W	160mA (88%)	3510lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70EG.200-2M		3820lm	28W	176mA (88%)	3810lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70EG.080-4M		3290lm	23.3W	72mA (90%)	3280lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70EG.090-4M		3690lm	26W	81mA (90%)	3680lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70EG.100-4M		4080lm	28.7W	90mA (90%)	4070lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70EG.120-4M		4870lm	34W	108mA (90%)	4840lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70EG.140-4M		5590lm	39.2W	125mA (89%)	5590lm	44W	140mA (100%)
I-TRON ZERO 4P4 70EG.160-4M	STA STA1 STU-S	6330lm	44.1W	143mA (89%)	6300lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70EG.180-4M		6960lm	49.1W	159mA (88%)	6960lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70EG.200-4M		7600lm	54.6W	176mA (88%)	7570lm	62.3W	200mA (100%)
I-TRON ZERO 4P4 70EG.120-2M		2470lm	17.7W	108mA (90%)	2460lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70EG.140-2M		2840lm	20.5W	125mA (89%)	2840lm	23W	140mA (100%)
I-TRON ZERO 4P4 70EG.160-2M		3220lm	22.6W	143mA (89%)	3210lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70EG.180-2M		3550lm	25.3W	159mA (88%)	3550lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70EG.200-2M		3850lm	27.9W	175mA (87%)	3850lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70EG.080-4M		3330lm	23.3W	72mA (90%)	3320lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70EG.090-4M		3730lm	26W	81mA (90%)	3720lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70EG.100-4M	STE-M STU-M STW SV	4130lm	28.7W	90mA (90%)	4110lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70EG.120-4M		4920lm	34W	108mA (90%)	4900lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70EG.140-4M		5650lm	39.2W	125mA (89%)	5650lm	44W	140mA (100%)
I-TRON ZERO 4P4 70EG.160-4M		6400lm	44.1W	143mA (89%)	6370lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70EG.180-4M		7080lm	49.5W	160mA (88%)	7040lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70EG.200-4M		7680lm	54.6W	176mA (88%)	7650lm	62.3W	200mA (100%)
I-TRON ZERO 4P4 70EG.120-2M		2520lm	17.7W	108mA (90%)	2510lm	19.6W	120mA (100%)
I-TRON ZERO 4P4 70EG.140-2M		2930lm	20.6W	126mA (90%)	2910lm	23W	140mA (100%)
I-TRON ZERO 4P4 70EG.160-2M		3290lm	22.6W	143mA (89%)	3280lm	25.4W	160mA (100%)
I-TRON ZERO 4P4 70EG.180-2M		3630lm	25.3W	159mA (88%)	3630lm	28.7W	180mA (100%)
I-TRON ZERO 4P4 70EG.200-2M		3940lm	27.9W	175mA (87%)	3940lm	31.9W	200mA (100%)
I-TRON ZERO 4P4 70EG.080-4M		3420lm	23.3W	72mA (90%)	3400lm	25.7W	80mA (100%)
I-TRON ZERO 4P4 70EG.090-4M		3820lm	26W	81mA (90%)	3810lm	28.7W	90mA (100%)
I-TRON ZERO 4P4 70EG.100-4M		4230lm	28.7W	90mA (90%)	4210lm	31.8W	100mA (100%)
I-TRON ZERO 4P4 70EG.120-4M		5040lm	34W	108mA (90%)	5010lm	37.7W	120mA (100%)
I-TRON ZERO 4P4 70EG.140-4M		5780lm	39.2W	125mA (89%)	5780lm	44W	140mA (100%)
I-TRON ZERO 4P4 70EG.160-4M		6550lm	44.1W	143mA (89%)	6510lm	49.5W	160mA (100%)
I-TRON ZERO 4P4 70EG.180-4M		7200lm	49.1W	159mA (88%)	7200lm	55.9W	180mA (100%)
I-TRON ZERO 4P4 70EG.200-4M		7850lm	54.6W	176mA (88%)	7830lm	62.3W	200mA (100%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)		
I-TRON ZERO 4P4 70EG.120-2M	S05 S07 STE-S	2700lm	19.6W	120mA (100%)	2030lm	17W	100mA (83%)
I-TRON ZERO 4P4 70EG.140-2M		3120lm	23W	140mA (100%)	2350lm	19W	116mA (82%)
I-TRON ZERO 4P4 70EG.160-2M		3520lm	25.4W	160mA (100%)	2640lm	21.5W	131mA (81%)
I-TRON ZERO 4P4 70EG.180-2M		3890lm	28.7W	180mA (100%)	2920lm	23.1W	146mA (81%)
I-TRON ZERO 4P4 70EG.200-2M		4230lm	31.9W	200mA (100%)	3190lm	25.6W	161mA (80%)
I-TRON ZERO 4P4 70EG.080-4M		3650lm	25.7W	80mA (100%)	2770lm	21.9W	67mA (83%)
I-TRON ZERO 4P4 70EG.090-4M		4080lm	28.7W	90mA (100%)	3080lm	24.2W	75mA (83%)
I-TRON ZERO 4P4 70EG.100-4M		4520lm	31.8W	100mA (100%)	3400lm	26.6W	83mA (83%)
I-TRON ZERO 4P4 70EG.120-4M		5380lm	37.7W	120mA (100%)	4070lm	31.8W	100mA (83%)
I-TRON ZERO 4P4 70EG.140-4M		6210lm	44W	140mA (100%)	4690lm	36.4W	116mA (82%)
I-TRON ZERO 4P4 70EG.160-4M	STA STA1 STU-S	7000lm	49.5W	160mA (100%)	5260lm	41.1W	131mA (81%)
I-TRON ZERO 4P4 70EG.180-4M		7740lm	55.9W	180mA (100%)	5810lm	45W	146mA (81%)
I-TRON ZERO 4P4 70EG.200-4M		8410lm	62.3W	200mA (100%)	6330lm	49.8W	161mA (80%)
I-TRON ZERO 4P4 70EG.120-2M		2730lm	19.6W	120mA (100%)	2060lm	17W	100mA (83%)
I-TRON ZERO 4P4 70EG.140-2M		3160lm	23W	140mA (100%)	2380lm	19W	116mA (82%)
I-TRON ZERO 4P4 70EG.160-2M		3570lm	25.4W	160mA (100%)	2690lm	21.7W	132mA (82%)
I-TRON ZERO 4P4 70EG.180-2M		3940lm	28.7W	180mA (100%)	2960lm	23.1W	146mA (81%)
I-TRON ZERO 4P4 70EG.200-2M		4280lm	31.9W	200mA (100%)	3210lm	25.4W	160mA (80%)
I-TRON ZERO 4P4 70EG.080-4M		3690lm	25.7W	80mA (100%)	2800lm	21.9W	67mA (83%)
I-TRON ZERO 4P4 70EG.090-4M		4130lm	28.7W	90mA (100%)	3120lm	24.2W	75mA (83%)
I-TRON ZERO 4P4 70EG.100-4M	STE-M STU-M STW SV	4570lm	31.8W	100mA (100%)	3440lm	26.6W	83mA (83%)
I-TRON ZERO 4P4 70EG.120-4M		5440lm	37.7W	120mA (100%)	4110lm	31.8W	100mA (83%)
I-TRON ZERO 4P4 70EG.140-4M		6280lm	44W	140mA (100%)	4740lm	36.4W	116mA (82%)
I-TRON ZERO 4P4 70EG.160-4M		7080lm	49.5W	160mA (100%)	5320lm	41.1W	131mA (81%)
I-TRON ZERO 4P4 70EG.180-4M		7820lm	55.9W	180mA (100%)	5870lm	45W	146mA (81%)
I-TRON ZERO 4P4 70EG.200-4M		8500lm	62.3W	200mA (100%)	6410lm	49.8W	161mA (80%)
I-TRON ZERO 4P4 70EG.120-2M		2790lm	19.6W	120mA (100%)	2110lm	17W	100mA (83%)
I-TRON ZERO 4P4 70EG.140-2M		3230lm	23W	140mA (100%)	2430lm	19W	116mA (82%)
I-TRON ZERO 4P4 70EG.160-2M		3650lm	25.4W	160mA (100%)	2750lm	21.7W	132mA (82%)
I-TRON ZERO 4P4 70EG.180-2M		4030lm	28.7W	180mA (100%)	3040lm	23.3W	147mA (81%)
I-TRON ZERO 4P4 70EG.200-2M		4380lm	31.9W	200mA (100%)	3300lm	25.6W	161mA (80%)
I-TRON ZERO 4P4 70EG.080-4M		3780lm	25.7W	80mA (100%)	2870lm	21.9W	67mA (83%)
I-TRON ZERO 4P4 70EG.090-4M		4230lm	28.7W	90mA (100%)	3200lm	24.2W	75mA (83%)
I-TRON ZERO 4P4 70EG.100-4M		4680lm	31.8W	100mA (100%)	3520lm	26.6W	83mA (83%)
I-TRON ZERO 4P4 70EG.120-4M		5560lm	37.7W	120mA (100%)	4170lm	31.5W	99mA (82%)
I-TRON ZERO 4P4 70EG.140-4M		6420lm	44W	140mA (100%)	4850lm	36.4W	116mA (82%)
I-TRON ZERO 4P4 70EG.160-4M		7240lm	49.5W	160mA (100%)	5440lm	41.1W	131mA (81%)
I-TRON ZERO 4P4 70EG.180-4M		8000lm	55.9W	180mA (100%)	6000lm	45W	146mA (81%)
I-TRON ZERO 4P4 70EG.200-4M		8700lm	62.3W	200mA (100%)	6550lm	49.8W	161mA (80%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 3000K, 75% of flux)			(Tq=25°C, 2700K, 50% of flux)		
I-TRON ZERO 4P4 70EG.120-2M	S05	2700lm	19.6W	120mA (100%)	2040lm	16.3W		1360lm	11.6W	66mA (55%)
I-TRON ZERO 4P4 70EG.140-2M		3120lm	23W	140mA (100%)	2350lm	18.2W		1560lm	13.1W	76mA (54%)
I-TRON ZERO 4P4 70EG.160-2M		3520lm	25.4W	160mA (100%)	2640lm	20.5W		1780lm	14.9W	87mA (54%)
I-TRON ZERO 4P4 70EG.180-2M		3890lm	28.7W	180mA (100%)	2930lm	23W		1950lm	16.3W	96mA (53%)
I-TRON ZERO 4P4 70EG.200-2M		4230lm	31.9W	200mA (100%)	3180lm	24.3W		2130lm	17.2W	105mA (52%)
I-TRON ZERO 4P4 70EG.080-4M		3650lm	25.7W	80mA (100%)	2770lm	21W		1830lm	14.9W	43mA (53%)
I-TRON ZERO 4P4 70EG.090-4M		4080lm	28.7W	90mA (100%)	3060lm	23W		2060lm	16.6W	49mA (54%)
I-TRON ZERO 4P4 70EG.100-4M		4520lm	31.8W	100mA (100%)	3390lm	25.4W		2260lm	18.1W	54mA (54%)
I-TRON ZERO 4P4 70EG.120-4M		5380lm	37.7W	120mA (100%)	4040lm	30.3W		2690lm	21.3W	65mA (54%)
I-TRON ZERO 4P4 70EG.140-4M		6210lm	44W	140mA (100%)	4660lm	34.6W		3120lm	24.5W	76mA (54%)
I-TRON ZERO 4P4 70EG.160-4M	STE-S	7000lm	49.5W	160mA (100%)	5250lm	39.2W		3520lm	27.5W	86mA (53%)
I-TRON ZERO 4P4 70EG.180-4M		7740lm	55.9W	180mA (100%)	5840lm	44W		3910lm	30.6W	96mA (53%)
I-TRON ZERO 4P4 70EG.200-4M		8410lm	62.3W	200mA (100%)	6330lm	47.2W		4220lm	32.7W	104mA (52%)
I-TRON ZERO 4P4 70EG.120-2M		2730lm	19.6W	120mA (100%)	2050lm	16.2W		1380lm	11.6W	66mA (55%)
I-TRON ZERO 4P4 70EG.140-2M		3160lm	23W	140mA (100%)	2380lm	18.2W		1580lm	13.1W	76mA (54%)
I-TRON ZERO 4P4 70EG.160-2M		3570lm	25.4W	160mA (100%)	2690lm	20.6W		1800lm	14.9W	87mA (54%)
I-TRON ZERO 4P4 70EG.180-2M		3940lm	28.7W	180mA (100%)	2970lm	23W		1980lm	16.3W	96mA (53%)
I-TRON ZERO 4P4 70EG.200-2M		4280lm	31.9W	200mA (100%)	3220lm	24.3W		2140lm	17W	104mA (52%)
I-TRON ZERO 4P4 70EG.080-4M		3690lm	25.7W	80mA (100%)	2800lm	21W		1850lm	14.9W	43mA (53%)
I-TRON ZERO 4P4 70EG.090-4M		4130lm	28.7W	90mA (100%)	3130lm	23.3W		2090lm	16.6W	49mA (54%)
I-TRON ZERO 4P4 70EG.100-4M	STA1 STU-S	4570lm	31.8W	100mA (100%)	3470lm	25.7W		2320lm	18.4W	55mA (55%)
I-TRON ZERO 4P4 70EG.120-4M		5440lm	37.7W	120mA (100%)	4090lm	30.3W		2720lm	21.3W	65mA (54%)
I-TRON ZERO 4P4 70EG.140-4M		6280lm	44W	140mA (100%)	4710lm	34.6W		3160lm	24.5W	76mA (54%)
I-TRON ZERO 4P4 70EG.160-4M		7080lm	49.5W	160mA (100%)	5310lm	39.2W		3560lm	27.5W	86mA (53%)
I-TRON ZERO 4P4 70EG.180-4M		7820lm	55.9W	180mA (100%)	5900lm	44W		3910lm	30.3W	95mA (52%)
I-TRON ZERO 4P4 70EG.200-4M		8500lm	62.3W	200mA (100%)	6400lm	47.2W		4270lm	32.7W	104mA (52%)
I-TRON ZERO 4P4 70EG.120-2M		2790lm	19.6W	120mA (100%)	2110lm	16.3W		1410lm	11.6W	66mA (55%)
I-TRON ZERO 4P4 70EG.140-2M		3230lm	23W	140mA (100%)	2430lm	18.2W		1630lm	13.3W	77mA (55%)
I-TRON ZERO 4P4 70EG.160-2M		3650lm	25.4W	160mA (100%)	2750lm	20.6W		1840lm	14.9W	87mA (54%)
I-TRON ZERO 4P4 70EG.180-2M		4030lm	28.7W	180mA (100%)	3040lm	23W		2020lm	16.3W	96mA (53%)
I-TRON ZERO 4P4 70EG.200-2M	STE-M STU-M STW SV	4380lm	31.9W	200mA (100%)	3290lm	24.3W		2190lm	17W	104mA (52%)
I-TRON ZERO 4P4 70EG.080-4M		3780lm	25.7W	80mA (100%)	2870lm	21W		1890lm	14.9W	43mA (53%)
I-TRON ZERO 4P4 70EG.090-4M		4230lm	28.7W	90mA (100%)	3210lm	23.3W		2140lm	16.6W	49mA (54%)
I-TRON ZERO 4P4 70EG.100-4M		4680lm	31.8W	100mA (100%)	3510lm	25.4W		2340lm	18.1W	54mA (54%)
I-TRON ZERO 4P4 70EG.120-4M		5560lm	37.7W	120mA (100%)	4190lm	30.3W		2790lm	21.3W	65mA (54%)
I-TRON ZERO 4P4 70EG.140-4M		6420lm	44W	140mA (100%)	4820lm	34.6W		3240lm	24.5W	76mA (54%)
I-TRON ZERO 4P4 70EG.160-4M		7240lm	49.5W	160mA (100%)	5430lm	39.2W		3650lm	27.5W	86mA (53%)
I-TRON ZERO 4P4 70EG.180-4M		8000lm	55.9W	180mA (100%)	6000lm	43.7W		4010lm	30.3W	95mA (52%)
I-TRON ZERO 4P4 70EG.200-4M		8700lm	62.3W	200mA (100%)	6540lm	47.2W		4370lm	32.7W	104mA (52%)

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

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±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.