



I-TRON

MICRO

I-TRON MICRO

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: 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 4.3 kg
Exposed surface	Side: 0.024m ² – Top: 0.09 m ² SCx: 0.033m ²
Mounting	Bracket / Post-top: Ø33mm ÷ Ø60mm Ø60mm ÷ Ø76mm(optional)
Tilt Angle	Post-top: -5°/+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
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	
Lower frame	Die-cast aluminum UNI EN1706 powder painted.
Upper canopy	
Closure hook	AISI 301 stainless steel springs.
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

I-TRON MICRO 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 MICRO 5P5 7040.040-1M		1190	8,5	140	1240	6,2	50
I-TRON MICRO 5P5 7040.050-1M		1460	10,2	143	1545	7,8	50
I-TRON MICRO 5P5 7040.060-1M		1730	11,9	145	1847	9,4	50
I-TRON MICRO 5P5 7040.070-1M		2000	13,6	147	2146	11	50
I-TRON MICRO 5P5 7040.080-1M		2280	15,4	148	2441	12,7	50
I-TRON MICRO 5P5 7040.090-1M		2550	17,2	148	2734	14,3	50
I-TRON MICRO 5P5 7040.100-1M		2830	19,1	148	3023	16	50
I-TRON MICRO 5P5 7040.120-1M		3370	22,9	147	3592	19,3	50
I-TRON MICRO 5P5 7040.140-1M		3900	26,8	145	4150	22,7	50
I-TRON MICRO 5P5 7040.160-1M	STA	4400	30,8	142	4694	26,1	50
I-TRON MICRO 5P5 7040.180-1M	STA1	4870	34,8	139	5227	29,6	50
I-TRON MICRO 5P5 7040.200-1M	STU-S	5290	38,8	136	5746	33,1	50
I-TRON MICRO 5P5 7040.040-2M	S05	2380	16	148	2480	12,4	50
I-TRON MICRO 5P5 7040.050-2M	S07	2920	19,5	149	3090	15,6	50
I-TRON MICRO 5P5 7040.060-2M	STE-S	3460	23	150	3694	18,8	50
I-TRON MICRO 5P5 7040.070-2M		4010	26,6	150	4291	22	50
I-TRON MICRO 5P5 7040.080-2M		4560	30,1	151	4882	25,3	50
I-TRON MICRO 5P5 7040.090-2M		5110	33,8	151	5467	28,6	50
I-TRON MICRO 5P5 7040.100-2M		5650	37,4	151	6046	31,9	50
I-TRON MICRO 5P5 7040.120-2M		6720	44,8	149	7185	38,6	50
I-TRON MICRO 5P5 7040.140-2M		7760	52,3	148	8299	45,4	50
I-TRON MICRO 5P5 7040.160-2M		8750	59,9	146	9388	52,2	50
I-TRON MICRO 5P5 7040.180-2M		9670	67,7	142	10453	59,1	50
I-TRON MICRO 5P5 7040.200-2M		10510	75,6	139	11493	66,1	50
I-TRON MICRO 5P5 7040.040-1M		1220	8,5	143	1240	6,2	50
I-TRON MICRO 5P5 7040.050-1M		1490	10,2	146	1545	7,8	50
I-TRON MICRO 5P5 7040.060-1M		1760	11,9	147	1847	9,4	50
I-TRON MICRO 5P5 7040.070-1M		2040	13,6	149	2146	11	50
I-TRON MICRO 5P5 7040.080-1M		2320	15,4	150	2441	12,7	50
I-TRON MICRO 5P5 7040.090-1M		2610	17,2	151	2734	14,3	50
I-TRON MICRO 5P5 7040.100-1M		2890	19,1	151	3023	16	50
I-TRON MICRO 5P5 7040.120-1M		3450	22,9	150	3592	19,3	50
I-TRON MICRO 5P5 7040.140-1M		4000	26,8	149	4150	22,7	50
I-TRON MICRO 5P5 7040.160-1M		4520	30,8	146	4694	26,1	50
I-TRON MICRO 5P5 7040.180-1M	SV	5000	34,8	143	5227	29,6	50
I-TRON MICRO 5P5 7040.200-1M	STU-M	5420	38,8	139	5746	33,1	50
I-TRON MICRO 5P5 7040.040-2M	STE-M	2430	16	151	2480	12,4	50
I-TRON MICRO 5P5 7040.050-2M	STW	2990	19,5	153	3090	15,6	50
I-TRON MICRO 5P5 7040.060-2M		3550	23	154	3694	18,8	50
I-TRON MICRO 5P5 7040.070-2M		4120	26,6	154	4291	22	50
I-TRON MICRO 5P5 7040.080-2M		4680	30,1	155	4882	25,3	50
I-TRON MICRO 5P5 7040.090-2M		5240	33,8	155	5467	28,6	50
I-TRON MICRO 5P5 7040.100-2M		5790	37,4	154	6046	31,9	50
I-TRON MICRO 5P5 7040.120-2M		6880	44,8	153	7185	38,6	50
I-TRON MICRO 5P5 7040.140-2M		7930	52,3	151	8299	45,4	50
I-TRON MICRO 5P5 7040.160-2M		8930	59,9	149	9388	52,2	50
I-TRON MICRO 5P5 7040.180-2M		9870	67,7	145	10453	59,1	50
I-TRON MICRO 5P5 7040.200-2M		10740	75,6	142	11493	66,1	50

*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 MICRO 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 MICRO 5P5 7030.040-1M		1120	8,5	131	1240	6,2	50
I-TRON MICRO 5P5 7030.050-1M		1370	10,2	134	1545	7,8	50
I-TRON MICRO 5P5 7030.060-1M		1630	11,9	136	1847	9,4	50
I-TRON MICRO 5P5 7030.070-1M		1880	13,6	138	2146	11	50
I-TRON MICRO 5P5 7030.080-1M		2140	15,4	138	2441	12,7	50
I-TRON MICRO 5P5 7030.090-1M		2400	17,2	139	2734	14,3	50
I-TRON MICRO 5P5 7030.100-1M		2660	19,1	139	3023	16	50
I-TRON MICRO 5P5 7030.120-1M		3170	22,9	138	3592	19,3	50
I-TRON MICRO 5P5 7030.140-1M		3670	26,8	136	4150	22,7	50
I-TRON MICRO 5P5 7030.160-1M	STA	4140	30,8	134	4694	26,1	50
I-TRON MICRO 5P5 7030.180-1M	STA1	4580	34,8	131	5227	29,6	50
I-TRON MICRO 5P5 7030.200-1M	STU-S	4970	38,8	128	5746	33,1	50
I-TRON MICRO 5P5 7030.040-2M	S05	2240	16	140	2480	12,4	50
I-TRON MICRO 5P5 7030.050-2M	S07	2740	19,5	140	3090	15,6	50
I-TRON MICRO 5P5 7030.060-2M	STE-S	3260	23	141	3694	18,8	50
I-TRON MICRO 5P5 7030.070-2M		3770	26,6	141	4291	22	50
I-TRON MICRO 5P5 7030.080-2M		4280	30,1	142	4882	25,3	50
I-TRON MICRO 5P5 7030.090-2M		4800	33,8	142	5467	28,6	50
I-TRON MICRO 5P5 7030.100-2M		5310	37,4	141	6046	31,9	50
I-TRON MICRO 5P5 7030.120-2M		6320	44,8	141	7185	38,6	50
I-TRON MICRO 5P5 7030.140-2M		7290	52,3	139	8299	45,4	50
I-TRON MICRO 5P5 7030.160-2M		8220	59,9	137	9388	52,2	50
I-TRON MICRO 5P5 7030.180-2M		9090	67,7	134	10453	59,1	50
I-TRON MICRO 5P5 7030.200-2M		9880	75,6	130	11493	66,1	50
I-TRON MICRO 5P5 7030.040-1M		1150	8,5	135	1240	6,2	50
I-TRON MICRO 5P5 7030.050-1M		1400	10,2	137	1545	7,8	50
I-TRON MICRO 5P5 7030.060-1M		1660	11,9	139	1847	9,4	50
I-TRON MICRO 5P5 7030.070-1M		1920	13,6	141	2146	11	50
I-TRON MICRO 5P5 7030.080-1M		2180	15,4	141	2441	12,7	50
I-TRON MICRO 5P5 7030.090-1M		2450	17,2	142	2734	14,3	50
I-TRON MICRO 5P5 7030.100-1M		2720	19,1	142	3023	16	50
I-TRON MICRO 5P5 7030.120-1M		3250	22,9	141	3592	19,3	50
I-TRON MICRO 5P5 7030.140-1M		3760	26,8	140	4150	22,7	50
I-TRON MICRO 5P5 7030.160-1M		4250	30,8	137	4694	26,1	50
I-TRON MICRO 5P5 7030.180-1M	SV	4700	34,8	135	5227	29,6	50
I-TRON MICRO 5P5 7030.200-1M	STU-M	5090	38,8	131	5746	33,1	50
I-TRON MICRO 5P5 7030.040-2M	STE-M	2280	16	142	2480	12,4	50
I-TRON MICRO 5P5 7030.050-2M	STW	2810	19,5	144	3090	15,6	50
I-TRON MICRO 5P5 7030.060-2M		3340	23	145	3694	18,8	50
I-TRON MICRO 5P5 7030.070-2M		3870	26,6	145	4291	22	50
I-TRON MICRO 5P5 7030.080-2M		4400	30,1	146	4882	25,3	50
I-TRON MICRO 5P5 7030.090-2M		4920	33,8	145	5467	28,6	50
I-TRON MICRO 5P5 7030.100-2M		5440	37,4	145	6046	31,9	50
I-TRON MICRO 5P5 7030.120-2M		6470	44,8	144	7185	38,6	50
I-TRON MICRO 5P5 7030.140-2M		7450	52,3	142	8299	45,4	50
I-TRON MICRO 5P5 7030.160-2M		8400	59,9	140	9388	52,2	50
I-TRON MICRO 5P5 7030.180-2M		9280	67,7	137	10453	59,1	50
I-TRON MICRO 5P5 7030.200-2M		10100	75,6	133	11493	66,1	50

*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 MICRO 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 MICRO 5P5 7027.040-1M		1070	8,5	125	1240	6,2	50
I-TRON MICRO 5P5 7027.050-1M		1310	10,2	128	1545	7,8	50
I-TRON MICRO 5P5 7027.060-1M		1560	11,9	131	1847	9,4	50
I-TRON MICRO 5P5 7027.070-1M		1800	13,6	132	2146	11	50
I-TRON MICRO 5P5 7027.080-1M		2050	15,4	133	2441	12,7	50
I-TRON MICRO 5P5 7027.090-1M		2300	17,2	133	2734	14,3	50
I-TRON MICRO 5P5 7027.100-1M		2550	19,1	133	3023	16	50
I-TRON MICRO 5P5 7027.120-1M		3040	22,9	132	3592	19,3	50
I-TRON MICRO 5P5 7027.140-1M		3510	26,8	130	4150	22,7	50
I-TRON MICRO 5P5 7027.160-1M	STA	3960	30,8	128	4694	26,1	50
I-TRON MICRO 5P5 7027.180-1M	STA1	4380	34,8	125	5227	29,6	50
I-TRON MICRO 5P5 7027.200-1M	STU-S	4760	38,8	122	5746	33,1	50
I-TRON MICRO 5P5 7027.040-2M	S05	2140	16	133	2480	12,4	50
I-TRON MICRO 5P5 7027.050-2M	S07	2630	19,5	134	3090	15,6	50
I-TRON MICRO 5P5 7027.060-2M	STE-S	3120	23	135	3694	18,8	50
I-TRON MICRO 5P5 7027.070-2M		3610	26,6	135	4291	22	50
I-TRON MICRO 5P5 7027.080-2M		4100	30,1	136	4882	25,3	50
I-TRON MICRO 5P5 7027.090-2M		4600	33,8	136	5467	28,6	50
I-TRON MICRO 5P5 7027.100-2M		5090	37,4	136	6046	31,9	50
I-TRON MICRO 5P5 7027.120-2M		6050	44,8	135	7185	38,6	50
I-TRON MICRO 5P5 7027.140-2M		6980	52,3	133	8299	45,4	50
I-TRON MICRO 5P5 7027.160-2M		7870	59,9	131	9388	52,2	50
I-TRON MICRO 5P5 7027.180-2M		8700	67,7	128	10453	59,1	50
I-TRON MICRO 5P5 7027.200-2M		9460	75,6	125	11493	66,1	50
I-TRON MICRO 5P5 7027.040-1M		1100	8,5	129	1240	6,2	50
I-TRON MICRO 5P5 7027.050-1M		1340	10,2	131	1545	7,8	50
I-TRON MICRO 5P5 7027.060-1M		1590	11,9	133	1847	9,4	50
I-TRON MICRO 5P5 7027.070-1M		1840	13,6	135	2146	11	50
I-TRON MICRO 5P5 7027.080-1M		2090	15,4	135	2441	12,7	50
I-TRON MICRO 5P5 7027.090-1M		2350	17,2	136	2734	14,3	50
I-TRON MICRO 5P5 7027.100-1M		2600	19,1	136	3023	16	50
I-TRON MICRO 5P5 7027.120-1M		3110	22,9	135	3592	19,3	50
I-TRON MICRO 5P5 7027.140-1M		3600	26,8	134	4150	22,7	50
I-TRON MICRO 5P5 7027.160-1M		4070	30,8	132	4694	26,1	50
I-TRON MICRO 5P5 7027.180-1M	SV	4500	34,8	129	5227	29,6	50
I-TRON MICRO 5P5 7027.200-1M	STU-M	4880	38,8	125	5746	33,1	50
I-TRON MICRO 5P5 7027.040-2M	STE-M	2190	16	136	2480	12,4	50
I-TRON MICRO 5P5 7027.050-2M	STW	2690	19,5	137	3090	15,6	50
I-TRON MICRO 5P5 7027.060-2M		3200	23	139	3694	18,8	50
I-TRON MICRO 5P5 7027.070-2M		3700	26,6	139	4291	22	50
I-TRON MICRO 5P5 7027.080-2M		4210	30,1	139	4882	25,3	50
I-TRON MICRO 5P5 7027.090-2M		4710	33,8	139	5467	28,6	50
I-TRON MICRO 5P5 7027.100-2M		5210	37,4	139	6046	31,9	50
I-TRON MICRO 5P5 7027.120-2M		6190	44,8	138	7185	38,6	50
I-TRON MICRO 5P5 7027.140-2M		7140	52,3	136	8299	45,4	50
I-TRON MICRO 5P5 7027.160-2M		8040	59,9	134	9388	52,2	50
I-TRON MICRO 5P5 7027.180-2M		8890	67,7	131	10453	59,1	50
I-TRON MICRO 5P5 7027.200-2M		9670	75,6	127	11493	66,1	50

*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 MICRO 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 MICRO 5P5 7022.040-1M		960	8,5	112	1240	6,2	50
I-TRON MICRO 5P5 7022.050-1M		1180	10,2	115	1545	7,8	50
I-TRON MICRO 5P5 7022.060-1M		1400	11,9	117	1847	9,4	50
I-TRON MICRO 5P5 7022.070-1M		1620	13,6	119	2146	11	50
I-TRON MICRO 5P5 7022.080-1M		1850	15,4	120	2441	12,7	50
I-TRON MICRO 5P5 7022.090-1M		2070	17,2	120	2734	14,3	50
I-TRON MICRO 5P5 7022.100-1M		2290	19,1	119	3023	16	50
I-TRON MICRO 5P5 7022.120-1M		2730	22,9	119	3592	19,3	50
I-TRON MICRO 5P5 7022.140-1M		3160	26,8	117	4150	22,7	50
I-TRON MICRO 5P5 7022.160-1M	STA	3560	30,8	115	4694	26,1	50
I-TRON MICRO 5P5 7022.180-1M	STA1	3940	34,8	113	5227	29,6	50
I-TRON MICRO 5P5 7022.200-1M	STU-S	4280	38,8	110	5746	33,1	50
I-TRON MICRO 5P5 7022.040-2M	S05	1930	16	120	2480	12,4	50
I-TRON MICRO 5P5 7022.050-2M	S07	2360	19,5	121	3090	15,6	50
I-TRON MICRO 5P5 7022.060-2M	STE-S	2810	23	122	3694	18,8	50
I-TRON MICRO 5P5 7022.070-2M		3250	26,6	122	4291	22	50
I-TRON MICRO 5P5 7022.080-2M		3690	30,1	122	4882	25,3	50
I-TRON MICRO 5P5 7022.090-2M		4140	33,8	122	5467	28,6	50
I-TRON MICRO 5P5 7022.100-2M		4580	37,4	122	6046	31,9	50
I-TRON MICRO 5P5 7022.120-2M		5450	44,8	121	7185	38,6	50
I-TRON MICRO 5P5 7022.140-2M		6290	52,3	120	8299	45,4	50
I-TRON MICRO 5P5 7022.160-2M		7090	59,9	118	9388	52,2	50
I-TRON MICRO 5P5 7022.180-2M		7830	67,7	115	10453	59,1	50
I-TRON MICRO 5P5 7022.200-2M		8510	75,6	112	11493	66,1	50
I-TRON MICRO 5P5 7022.040-1M		990	8,5	116	1240	6,2	50
I-TRON MICRO 5P5 7022.050-1M		1200	10,2	117	1545	7,8	50
I-TRON MICRO 5P5 7022.060-1M		1430	11,9	120	1847	9,4	50
I-TRON MICRO 5P5 7022.070-1M		1650	13,6	121	2146	11	50
I-TRON MICRO 5P5 7022.080-1M		1880	15,4	122	2441	12,7	50
I-TRON MICRO 5P5 7022.090-1M		2110	17,2	122	2734	14,3	50
I-TRON MICRO 5P5 7022.100-1M		2340	19,1	122	3023	16	50
I-TRON MICRO 5P5 7022.120-1M		2800	22,9	122	3592	19,3	50
I-TRON MICRO 5P5 7022.140-1M		3240	26,8	120	4150	22,7	50
I-TRON MICRO 5P5 7022.160-1M		3660	30,8	118	4694	26,1	50
I-TRON MICRO 5P5 7022.180-1M	SV	4050	34,8	116	5227	29,6	50
I-TRON MICRO 5P5 7022.200-1M	STU-M	4390	38,8	113	5746	33,1	50
I-TRON MICRO 5P5 7022.040-2M	STE-M	1970	16	123	2480	12,4	50
I-TRON MICRO 5P5 7022.050-2M	STW	2420	19,5	124	3090	15,6	50
I-TRON MICRO 5P5 7022.060-2M		2880	23	125	3694	18,8	50
I-TRON MICRO 5P5 7022.070-2M		3330	26,6	125	4291	22	50
I-TRON MICRO 5P5 7022.080-2M		3790	30,1	125	4882	25,3	50
I-TRON MICRO 5P5 7022.090-2M		4240	33,8	125	5467	28,6	50
I-TRON MICRO 5P5 7022.100-2M		4690	37,4	125	6046	31,9	50
I-TRON MICRO 5P5 7022.120-2M		5570	44,8	124	7185	38,6	50
I-TRON MICRO 5P5 7022.140-2M		6420	52,3	122	8299	45,4	50
I-TRON MICRO 5P5 7022.160-2M		7240	59,9	120	9388	52,2	50
I-TRON MICRO 5P5 7022.180-2M		8000	67,7	118	10453	59,1	50
I-TRON MICRO 5P5 7022.200-2M		8700	75,6	115	11493	66,1	50

*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 MICRO 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 MICRO 4P4 7040.050-1M	S05 S07 STE-S	1160	8,3	139	1236	6,2	50
I-TRON MICRO 4P4 7040.060-1M		1380	9,6	143	1477	7,5	50
I-TRON MICRO 4P4 7040.070-1M		1600	11	145	1716	8,8	50
I-TRON MICRO 4P4 7040.080-1M		1820	12,4	146	1953	10,1	50
I-TRON MICRO 4P4 7040.090-1M		2040	13,8	147	2187	11,4	50
I-TRON MICRO 4P4 7040.100-1M		2260	15,3	147	2418	12,8	50
I-TRON MICRO 4P4 7040.120-1M		2700	18,4	146	2874	15,4	50
I-TRON MICRO 4P4 7040.140-1M		3120	21,5	145	3320	18,1	50
I-TRON MICRO 4P4 7040.160-1M		3520	24,7	142	3755	20,9	50
I-TRON MICRO 4P4 7040.180-1M		3890	27,9	139	4181	23,6	50
I-TRON MICRO 4P4 7040.200-1M		4230	31	136	4597	26,4	50
I-TRON MICRO 4P4 7040.050-2M		2330	16	145	2472	12,5	50
I-TRON MICRO 4P4 7040.060-2M		2770	18,7	148	2955	15	50
I-TRON MICRO 4P4 7040.070-2M		3210	21,5	149	3433	17,6	50
I-TRON MICRO 4P4 7040.080-2M		3650	24,3	150	3906	20,3	50
I-TRON MICRO 4P4 7040.090-2M		4080	27,1	150	4374	22,9	50
I-TRON MICRO 4P4 7040.100-2M		4520	30	150	4837	25,5	50
I-TRON MICRO 4P4 7040.120-2M		5380	35,9	149	5748	30,9	50
I-TRON MICRO 4P4 7040.140-2M		6210	41,9	148	6639	36,3	50
I-TRON MICRO 4P4 7040.160-2M		7000	48	145	7511	41,8	50
I-TRON MICRO 4P4 7040.180-2M		7740	54,2	142	8362	47,3	50
I-TRON MICRO 4P4 7040.200-2M		8410	60,5	139	9194	52,9	50
I-TRON MICRO 4P4 7040.050-1M	STA STA1 STU-S	1180	8,3	142	1236	6,2	50
I-TRON MICRO 4P4 7040.060-1M		1400	9,6	145	1477	7,5	50
I-TRON MICRO 4P4 7040.070-1M		1620	11	147	1716	8,8	50
I-TRON MICRO 4P4 7040.080-1M		1840	12,4	148	1953	10,1	50
I-TRON MICRO 4P4 7040.090-1M		2070	13,8	150	2187	11,4	50
I-TRON MICRO 4P4 7040.100-1M		2290	15,3	149	2418	12,8	50
I-TRON MICRO 4P4 7040.120-1M		2730	18,4	148	2874	15,4	50
I-TRON MICRO 4P4 7040.140-1M		3160	21,5	146	3320	18,1	50
I-TRON MICRO 4P4 7040.160-1M		3570	24,7	144	3755	20,9	50
I-TRON MICRO 4P4 7040.180-1M		3940	27,9	141	4181	23,6	50
I-TRON MICRO 4P4 7040.200-1M		4280	31	138	4597	26,4	50
I-TRON MICRO 4P4 7040.050-2M		2360	16	147	2472	12,5	50
I-TRON MICRO 4P4 7040.060-2M		2800	18,7	149	2955	15	50
I-TRON MICRO 4P4 7040.070-2M		3240	21,5	150	3433	17,6	50
I-TRON MICRO 4P4 7040.080-2M		3690	24,3	151	3906	20,3	50
I-TRON MICRO 4P4 7040.090-2M		4130	27,1	152	4374	22,9	50
I-TRON MICRO 4P4 7040.100-2M		4570	30	152	4837	25,5	50
I-TRON MICRO 4P4 7040.120-2M		5440	35,9	151	5748	30,9	50
I-TRON MICRO 4P4 7040.140-2M		6280	41,9	149	6639	36,3	50
I-TRON MICRO 4P4 7040.160-2M		7080	48	147	7511	41,8	50
I-TRON MICRO 4P4 7040.180-2M		7820	54,2	144	8362	47,3	50
I-TRON MICRO 4P4 7040.200-2M		8500	60,5	140	9194	52,9	50
I-TRON MICRO 4P4 7040.050-1M	SV STU-M STE-M STW	1200	8,3	144	1236	6,2	50
I-TRON MICRO 4P4 7040.060-1M		1430	9,6	148	1477	7,5	50
I-TRON MICRO 4P4 7040.070-1M		1650	11	150	1716	8,8	50
I-TRON MICRO 4P4 7040.080-1M		1880	12,4	151	1953	10,1	50
I-TRON MICRO 4P4 7040.090-1M		2110	13,8	152	2187	11,4	50
I-TRON MICRO 4P4 7040.100-1M		2340	15,3	152	2418	12,8	50
I-TRON MICRO 4P4 7040.120-1M		2790	18,4	151	2874	15,4	50
I-TRON MICRO 4P4 7040.140-1M		3230	21,5	150	3320	18,1	50
I-TRON MICRO 4P4 7040.160-1M		3650	24,7	147	3755	20,9	50
I-TRON MICRO 4P4 7040.180-1M		4030	27,9	144	4181	23,6	50
I-TRON MICRO 4P4 7040.200-1M		4380	31	141	4597	26,4	50
I-TRON MICRO 4P4 7040.050-2M		2420	16	151	2472	12,5	50
I-TRON MICRO 4P4 7040.060-2M		2870	18,7	153	2955	15	50
I-TRON MICRO 4P4 7040.070-2M		3320	21,5	154	3433	17,6	50
I-TRON MICRO 4P4 7040.080-2M		3780	24,3	155	3906	20,3	50
I-TRON MICRO 4P4 7040.090-2M		4230	27,1	156	4374	22,9	50
I-TRON MICRO 4P4 7040.100-2M		4680	30	156	4837	25,5	50
I-TRON MICRO 4P4 7040.120-2M		5560	35,9	154	5748	30,9	50
I-TRON MICRO 4P4 7040.140-2M		6420	41,9	153	6639	36,3	50
I-TRON MICRO 4P4 7040.160-2M		7240	48	150	7511	41,8	50
I-TRON MICRO 4P4 7040.180-2M		8000	54,2	147	8362	47,3	50
I-TRON MICRO 4P4 7040.200-2M		8700	60,5	143	9194	52,9	50

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

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I-TRON MICRO 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 MICRO 4P4 7030.050-1M	S05 S07 STE-S	1090	8,3	131	1236	6,2	50
I-TRON MICRO 4P4 7030.060-1M		1300	9,6	135	1477	7,5	50
I-TRON MICRO 4P4 7030.070-1M		1500	11	136	1716	8,8	50
I-TRON MICRO 4P4 7030.080-1M		1710	12,4	137	1953	10,1	50
I-TRON MICRO 4P4 7030.090-1M		1920	13,8	139	2187	11,4	50
I-TRON MICRO 4P4 7030.100-1M		2120	15,3	138	2418	12,8	50
I-TRON MICRO 4P4 7030.120-1M		2530	18,4	137	2874	15,4	50
I-TRON MICRO 4P4 7030.140-1M		2930	21,5	136	3320	18,1	50
I-TRON MICRO 4P4 7030.160-1M		3310	24,7	134	3755	20,9	50
I-TRON MICRO 4P4 7030.180-1M		3660	27,9	131	4181	23,6	50
I-TRON MICRO 4P4 7030.200-1M		3980	31	128	4597	26,4	50
I-TRON MICRO 4P4 7030.050-2M		2190	16	136	2472	12,5	50
I-TRON MICRO 4P4 7030.060-2M		2600	18,7	139	2955	15	50
I-TRON MICRO 4P4 7030.070-2M		3010	21,5	140	3433	17,6	50
I-TRON MICRO 4P4 7030.080-2M		3430	24,3	141	3906	20,3	50
I-TRON MICRO 4P4 7030.090-2M		3840	27,1	141	4374	22,9	50
I-TRON MICRO 4P4 7030.100-2M		4250	30	141	4837	25,5	50
I-TRON MICRO 4P4 7030.120-2M		5060	35,9	140	5748	30,9	50
I-TRON MICRO 4P4 7030.140-2M		5840	41,9	139	6639	36,3	50
I-TRON MICRO 4P4 7030.160-2M		6580	48	137	7511	41,8	50
I-TRON MICRO 4P4 7030.180-2M		7270	54,2	134	8362	47,3	50
I-TRON MICRO 4P4 7030.200-2M		7910	60,5	130	9194	52,9	50
I-TRON MICRO 4P4 7030.050-1M	STA STA1 STU-S	1110	8,3	133	1236	6,2	50
I-TRON MICRO 4P4 7030.060-1M		1310	9,6	136	1477	7,5	50
I-TRON MICRO 4P4 7030.070-1M		1520	11	138	1716	8,8	50
I-TRON MICRO 4P4 7030.080-1M		1730	12,4	139	1953	10,1	50
I-TRON MICRO 4P4 7030.090-1M		1940	13,8	140	2187	11,4	50
I-TRON MICRO 4P4 7030.100-1M		2150	15,3	140	2418	12,8	50
I-TRON MICRO 4P4 7030.120-1M		2570	18,4	139	2874	15,4	50
I-TRON MICRO 4P4 7030.140-1M		2970	21,5	138	3320	18,1	50
I-TRON MICRO 4P4 7030.160-1M		3350	24,7	135	3755	20,9	50
I-TRON MICRO 4P4 7030.180-1M		3710	27,9	132	4181	23,6	50
I-TRON MICRO 4P4 7030.200-1M		4020	31	129	4597	26,4	50
I-TRON MICRO 4P4 7030.050-2M		2220	16	138	2472	12,5	50
I-TRON MICRO 4P4 7030.060-2M		2630	18,7	140	2955	15	50
I-TRON MICRO 4P4 7030.070-2M		3050	21,5	141	3433	17,6	50
I-TRON MICRO 4P4 7030.080-2M		3470	24,3	142	3906	20,3	50
I-TRON MICRO 4P4 7030.090-2M		3880	27,1	143	4374	22,9	50
I-TRON MICRO 4P4 7030.100-2M		4300	30	143	4837	25,5	50
I-TRON MICRO 4P4 7030.120-2M		5110	35,9	142	5748	30,9	50
I-TRON MICRO 4P4 7030.140-2M		5900	41,9	140	6639	36,3	50
I-TRON MICRO 4P4 7030.160-2M		6650	48	138	7511	41,8	50
I-TRON MICRO 4P4 7030.180-2M		7350	54,2	135	8362	47,3	50
I-TRON MICRO 4P4 7030.200-2M		7990	60,5	132	9194	52,9	50
I-TRON MICRO 4P4 7030.050-1M	SV STU-M STE-M STW	1130	8,3	136	1236	6,2	50
I-TRON MICRO 4P4 7030.060-1M		1340	9,6	139	1477	7,5	50
I-TRON MICRO 4P4 7030.070-1M		1550	11	140	1716	8,8	50
I-TRON MICRO 4P4 7030.080-1M		1770	12,4	142	1953	10,1	50
I-TRON MICRO 4P4 7030.090-1M		1980	13,8	143	2187	11,4	50
I-TRON MICRO 4P4 7030.100-1M		2200	15,3	143	2418	12,8	50
I-TRON MICRO 4P4 7030.120-1M		2620	18,4	142	2874	15,4	50
I-TRON MICRO 4P4 7030.140-1M		3040	21,5	141	3320	18,1	50
I-TRON MICRO 4P4 7030.160-1M		3430	24,7	138	3755	20,9	50
I-TRON MICRO 4P4 7030.180-1M		3790	27,9	135	4181	23,6	50
I-TRON MICRO 4P4 7030.200-1M		4120	31	132	4597	26,4	50
I-TRON MICRO 4P4 7030.050-2M		2270	16	141	2472	12,5	50
I-TRON MICRO 4P4 7030.060-2M		2700	18,7	144	2955	15	50
I-TRON MICRO 4P4 7030.070-2M		3130	21,5	145	3433	17,6	50
I-TRON MICRO 4P4 7030.080-2M		3550	24,3	146	3906	20,3	50
I-TRON MICRO 4P4 7030.090-2M		3980	27,1	146	4374	22,9	50
I-TRON MICRO 4P4 7030.100-2M		4400	30	146	4837	25,5	50
I-TRON MICRO 4P4 7030.120-2M		5230	35,9	145	5748	30,9	50
I-TRON MICRO 4P4 7030.140-2M		6030	41,9	143	6639	36,3	50
I-TRON MICRO 4P4 7030.160-2M		6800	48	141	7511	41,8	50
I-TRON MICRO 4P4 7030.180-2M		7520	54,2	138	8362	47,3	50
I-TRON MICRO 4P4 7030.200-2M		8180	60,5	135	9194	52,9	50

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

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I-TRON MICRO 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 MICRO 4P4 7027.050-1M	S05 S07 STE-S	1050	8,3	126	1236	6,2	50
I-TRON MICRO 4P4 7027.060-1M		1240	9,6	129	1477	7,5	50
I-TRON MICRO 4P4 7027.070-1M		1440	11	130	1716	8,8	50
I-TRON MICRO 4P4 7027.080-1M		1640	12,4	132	1953	10,1	50
I-TRON MICRO 4P4 7027.090-1M		1840	13,8	133	2187	11,4	50
I-TRON MICRO 4P4 7027.100-1M		2030	15,3	132	2418	12,8	50
I-TRON MICRO 4P4 7027.120-1M		2430	18,4	132	2874	15,4	50
I-TRON MICRO 4P4 7027.140-1M		2810	21,5	130	3320	18,1	50
I-TRON MICRO 4P4 7027.160-1M		3170	24,7	128	3755	20,9	50
I-TRON MICRO 4P4 7027.180-1M		3510	27,9	125	4181	23,6	50
I-TRON MICRO 4P4 7027.200-1M		3810	31	122	4597	26,4	50
I-TRON MICRO 4P4 7027.050-2M		2100	16	131	2472	12,5	50
I-TRON MICRO 4P4 7027.060-2M		2490	18,7	133	2955	15	50
I-TRON MICRO 4P4 7027.070-2M		2890	21,5	134	3433	17,6	50
I-TRON MICRO 4P4 7027.080-2M		3280	24,3	134	3906	20,3	50
I-TRON MICRO 4P4 7027.090-2M		3680	27,1	135	4374	22,9	50
I-TRON MICRO 4P4 7027.100-2M		4070	30	135	4837	25,5	50
I-TRON MICRO 4P4 7027.120-2M		4840	35,9	134	5748	30,9	50
I-TRON MICRO 4P4 7027.140-2M		5590	41,9	133	6639	36,3	50
I-TRON MICRO 4P4 7027.160-2M		6300	48	131	7511	41,8	50
I-TRON MICRO 4P4 7027.180-2M		6960	54,2	128	8362	47,3	50
I-TRON MICRO 4P4 7027.200-2M		7570	60,5	125	9194	52,9	50
I-TRON MICRO 4P4 7027.050-1M	STA STA1 STU-S	1060	8,3	127	1236	6,2	50
I-TRON MICRO 4P4 7027.060-1M		1260	9,6	131	1477	7,5	50
I-TRON MICRO 4P4 7027.070-1M		1460	11	132	1716	8,8	50
I-TRON MICRO 4P4 7027.080-1M		1660	12,4	133	1953	10,1	50
I-TRON MICRO 4P4 7027.090-1M		1860	13,8	134	2187	11,4	50
I-TRON MICRO 4P4 7027.100-1M		2060	15,3	134	2418	12,8	50
I-TRON MICRO 4P4 7027.120-1M		2460	18,4	133	2874	15,4	50
I-TRON MICRO 4P4 7027.140-1M		2840	21,5	132	3320	18,1	50
I-TRON MICRO 4P4 7027.160-1M		3210	24,7	129	3755	20,9	50
I-TRON MICRO 4P4 7027.180-1M		3550	27,9	127	4181	23,6	50
I-TRON MICRO 4P4 7027.200-1M		3850	31	124	4597	26,4	50
I-TRON MICRO 4P4 7027.050-2M		2130	16	133	2472	12,5	50
I-TRON MICRO 4P4 7027.060-2M		2520	18,7	134	2955	15	50
I-TRON MICRO 4P4 7027.070-2M		2920	21,5	135	3433	17,6	50
I-TRON MICRO 4P4 7027.080-2M		3320	24,3	136	3906	20,3	50
I-TRON MICRO 4P4 7027.090-2M		3720	27,1	137	4374	22,9	50
I-TRON MICRO 4P4 7027.100-2M		4110	30	137	4837	25,5	50
I-TRON MICRO 4P4 7027.120-2M		4900	35,9	136	5748	30,9	50
I-TRON MICRO 4P4 7027.140-2M		5650	41,9	134	6639	36,3	50
I-TRON MICRO 4P4 7027.160-2M		6370	48	132	7511	41,8	50
I-TRON MICRO 4P4 7027.180-2M		7040	54,2	129	8362	47,3	50
I-TRON MICRO 4P4 7027.200-2M		7650	60,5	126	9194	52,9	50
I-TRON MICRO 4P4 7027.050-1M	SV STU-M STE-M STW	1080	8,3	130	1236	6,2	50
I-TRON MICRO 4P4 7027.060-1M		1280	9,6	133	1477	7,5	50
I-TRON MICRO 4P4 7027.070-1M		1490	11	135	1716	8,8	50
I-TRON MICRO 4P4 7027.080-1M		1690	12,4	136	1953	10,1	50
I-TRON MICRO 4P4 7027.090-1M		1900	13,8	137	2187	11,4	50
I-TRON MICRO 4P4 7027.100-1M		2110	15,3	137	2418	12,8	50
I-TRON MICRO 4P4 7027.120-1M		2510	18,4	136	2874	15,4	50
I-TRON MICRO 4P4 7027.140-1M		2910	21,5	135	3320	18,1	50
I-TRON MICRO 4P4 7027.160-1M		3280	24,7	132	3755	20,9	50
I-TRON MICRO 4P4 7027.180-1M		3630	27,9	130	4181	23,6	50
I-TRON MICRO 4P4 7027.200-1M		3940	31	127	4597	26,4	50
I-TRON MICRO 4P4 7027.050-2M		2180	16	136	2472	12,5	50
I-TRON MICRO 4P4 7027.060-2M		2580	18,7	137	2955	15	50
I-TRON MICRO 4P4 7027.070-2M		2990	21,5	139	3433	17,6	50
I-TRON MICRO 4P4 7027.080-2M		3400	24,3	139	3906	20,3	50
I-TRON MICRO 4P4 7027.090-2M		3810	27,1	140	4374	22,9	50
I-TRON MICRO 4P4 7027.100-2M		4210	30	140	4837	25,5	50
I-TRON MICRO 4P4 7027.120-2M		5010	35,9	139	5748	30,9	50
I-TRON MICRO 4P4 7027.140-2M		5780	41,9	137	6639	36,3	50
I-TRON MICRO 4P4 7027.160-2M		6510	48	135	7511	41,8	50
I-TRON MICRO 4P4 7027.180-2M		7200	54,2	132	8362	47,3	50
I-TRON MICRO 4P4 7027.200-2M		7830	60,5	129	9194	52,9	50

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

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I-TRON MICRO 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 MICRO 4P4 7022.050-1M	S05 S07 STE-S	940	8,3	113	1236	6,2	50
I-TRON MICRO 4P4 7022.060-1M		1120	9,6	116	1477	7,5	50
I-TRON MICRO 4P4 7022.070-1M		1290	11	117	1716	8,8	50
I-TRON MICRO 4P4 7022.080-1M		1470	12,4	118	1953	10,1	50
I-TRON MICRO 4P4 7022.090-1M		1650	13,8	119	2187	11,4	50
I-TRON MICRO 4P4 7022.100-1M		1830	15,3	119	2418	12,8	50
I-TRON MICRO 4P4 7022.120-1M		2180	18,4	118	2874	15,4	50
I-TRON MICRO 4P4 7022.140-1M		2530	21,5	117	3320	18,1	50
I-TRON MICRO 4P4 7022.160-1M		2850	24,7	115	3755	20,9	50
I-TRON MICRO 4P4 7022.180-1M		3150	27,9	112	4181	23,6	50
I-TRON MICRO 4P4 7022.200-1M		3430	31	110	4597	26,4	50
I-TRON MICRO 4P4 7022.050-2M		1890	16	118	2472	12,5	50
I-TRON MICRO 4P4 7022.060-2M		2240	18,7	119	2955	15	50
I-TRON MICRO 4P4 7022.070-2M		2600	21,5	120	3433	17,6	50
I-TRON MICRO 4P4 7022.080-2M		2950	24,3	121	3906	20,3	50
I-TRON MICRO 4P4 7022.090-2M		3310	27,1	122	4374	22,9	50
I-TRON MICRO 4P4 7022.100-2M		3660	30	122	4837	25,5	50
I-TRON MICRO 4P4 7022.120-2M		4360	35,9	121	5748	30,9	50
I-TRON MICRO 4P4 7022.140-2M		5030	41,9	120	6639	36,3	50
I-TRON MICRO 4P4 7022.160-2M		5670	48	118	7511	41,8	50
I-TRON MICRO 4P4 7022.180-2M		6270	54,2	115	8362	47,3	50
I-TRON MICRO 4P4 7022.200-2M		6810	60,5	112	9194	52,9	50
I-TRON MICRO 4P4 7022.050-1M	STA STA1 STU-S	950	8,3	114	1236	6,2	50
I-TRON MICRO 4P4 7022.060-1M		1130	9,6	117	1477	7,5	50
I-TRON MICRO 4P4 7022.070-1M		1310	11	119	1716	8,8	50
I-TRON MICRO 4P4 7022.080-1M		1490	12,4	120	1953	10,1	50
I-TRON MICRO 4P4 7022.090-1M		1670	13,8	121	2187	11,4	50
I-TRON MICRO 4P4 7022.100-1M		1850	15,3	120	2418	12,8	50
I-TRON MICRO 4P4 7022.120-1M		2210	18,4	120	2874	15,4	50
I-TRON MICRO 4P4 7022.140-1M		2560	21,5	119	3320	18,1	50
I-TRON MICRO 4P4 7022.160-1M		2890	24,7	117	3755	20,9	50
I-TRON MICRO 4P4 7022.180-1M		3190	27,9	114	4181	23,6	50
I-TRON MICRO 4P4 7022.200-1M		3470	31	111	4597	26,4	50
I-TRON MICRO 4P4 7022.050-2M		1910	16	119	2472	12,5	50
I-TRON MICRO 4P4 7022.060-2M		2270	18,7	121	2955	15	50
I-TRON MICRO 4P4 7022.070-2M		2630	21,5	122	3433	17,6	50
I-TRON MICRO 4P4 7022.080-2M		2990	24,3	123	3906	20,3	50
I-TRON MICRO 4P4 7022.090-2M		3340	27,1	123	4374	22,9	50
I-TRON MICRO 4P4 7022.100-2M		3700	30	123	4837	25,5	50
I-TRON MICRO 4P4 7022.120-2M		4410	35,9	122	5748	30,9	50
I-TRON MICRO 4P4 7022.140-2M		5090	41,9	121	6639	36,3	50
I-TRON MICRO 4P4 7022.160-2M		5730	48	119	7511	41,8	50
I-TRON MICRO 4P4 7022.180-2M		6340	54,2	116	8362	47,3	50
I-TRON MICRO 4P4 7022.200-2M		6890	60,5	113	9194	52,9	50
I-TRON MICRO 4P4 7022.050-1M	SV STU-M STE-M STW	970	8,3	116	1236	6,2	50
I-TRON MICRO 4P4 7022.060-1M		1160	9,6	120	1477	7,5	50
I-TRON MICRO 4P4 7022.070-1M		1340	11	121	1716	8,8	50
I-TRON MICRO 4P4 7022.080-1M		1520	12,4	122	1953	10,1	50
I-TRON MICRO 4P4 7022.090-1M		1710	13,8	123	2187	11,4	50
I-TRON MICRO 4P4 7022.100-1M		1900	15,3	124	2418	12,8	50
I-TRON MICRO 4P4 7022.120-1M		2260	18,4	122	2874	15,4	50
I-TRON MICRO 4P4 7022.140-1M		2620	21,5	121	3320	18,1	50
I-TRON MICRO 4P4 7022.160-1M		2950	24,7	119	3755	20,9	50
I-TRON MICRO 4P4 7022.180-1M		3270	27,9	117	4181	23,6	50
I-TRON MICRO 4P4 7022.200-1M		3550	31	114	4597	26,4	50
I-TRON MICRO 4P4 7022.050-2M		1960	16	122	2472	12,5	50
I-TRON MICRO 4P4 7022.060-2M		2330	18,7	124	2955	15	50
I-TRON MICRO 4P4 7022.070-2M		2690	21,5	125	3433	17,6	50
I-TRON MICRO 4P4 7022.080-2M		3060	24,3	125	3906	20,3	50
I-TRON MICRO 4P4 7022.090-2M		3430	27,1	126	4374	22,9	50
I-TRON MICRO 4P4 7022.100-2M		3790	30	126	4837	25,5	50
I-TRON MICRO 4P4 7022.120-2M		4510	35,9	125	5748	30,9	50
I-TRON MICRO 4P4 7022.140-2M		5200	41,9	124	6639	36,3	50
I-TRON MICRO 4P4 7022.160-2M		5860	48	122	7511	41,8	50
I-TRON MICRO 4P4 7022.180-2M		6480	54,2	119	8362	47,3	50
I-TRON MICRO 4P4 7022.200-2M		7050	60,5	116	9194	52,9	50

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