

ARYA TP 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. S05/S07: Asymmetrical optic for street, urban and green areas lighting. STA/STA1: Asymmetrical optic for wide urban road and cycle-path lighting. S: Symmetrical optic for urban lighting and green areas. 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 IK08 total
Dimensions	See the drawing
Weight	max 7.5 kg
Exposed surface	Side: 0.05m ² – Top: 0.17m ² SCx: 0.045 m ²
Mounting	Post-top Ø60-Ø76mm
Tilt angle	0°
LED Modules	Removable / Replaceable
Gear tray	Removable / Replaceable
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

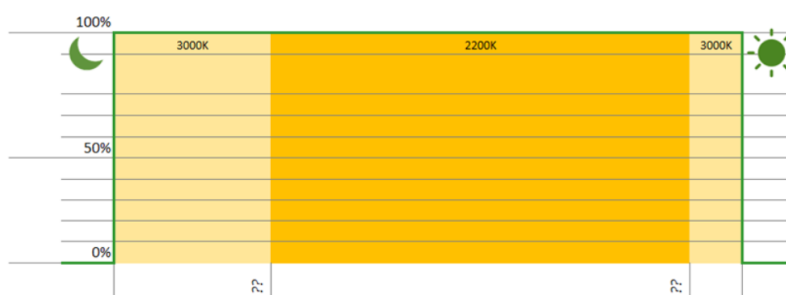
Rated voltage	220+240V 50/60Hz
Power factor	>0,9 (at full load)
Mains connection	Cable H07RN-F nx1mm ² Optional: connector M/F IP66/68 for cables max. 2,5mm ² , Ø max. 12mm
Surge protection	Up to 12kV With SPD: CL.II: 10kV / 10kV CM/DM CL.I: 12kV / 10kV CM/DM Without SPD: CL.II: 10kV / 6kV CM/DM CL.I: 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. ZHAGA: Socket 4 pin (ZHAGA Book 18). TELEMANAGEMENT: Wireless single point communication system available with Zhaga option (external node WL-ZHAGA is necessary).
Optical unit lifetime (Tq=25°C)	>100.000hr L90B10 >100.000hr L90, TM21

MATERIALS

Fixing	Die-cast aluminium UNI EN1706 powder painted
Body	
Optic	99.85% aluminium with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)
Screen	Flat tempered glass, 5mm thickness, high transparency.
Gasket	Polyurethane without joints.
Colour	Graphite - Cod. 01

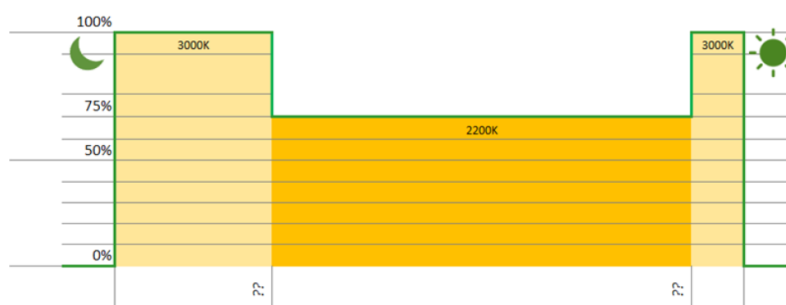
COLOR ADJUSTMENT PROFILES

TWC1

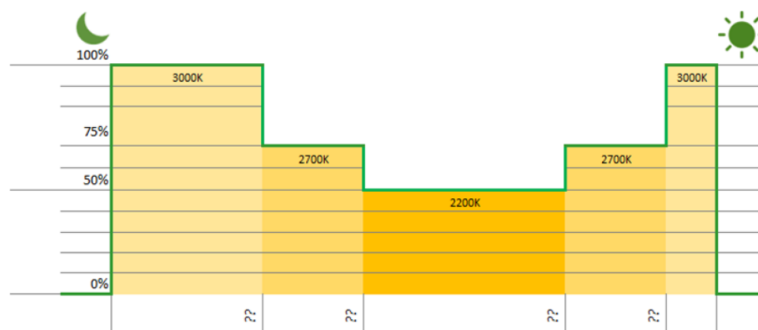


The TWC1 profile (Constant luminous flux profile with 1 color change) allows the use of Tunable White technology in contexts where it is necessary to guarantee the same level of luminous intensity throughout the night, but a change in color temperature is required at night.

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.

ARYA TP 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)
ARYA TP 5P5 70DE.090-2M	S05 S07 STA STA1	90	2220	2090	2000	19.1	116.2
ARYA TP 5P5 70DE.100-2M		100	2460	2320	2210	21.2	116.0
ARYA TP 5P5 70DE.120-2M		120	2930	2770	2640	24.5	119.5
ARYA TP 5P5 70DE.140-2M		140	3390	3200	3050	28.7	118.1
ARYA TP 5P5 70DE.160-2M		160	3830	3620	3450	31.7	120.8
ARYA TP 5P5 70DE.180-2M		180	4240	4000	3810	35.8	118.4
ARYA TP 5P5 70DE.200-2M	STE-M STE-S STU-M STU-S STW	200	4600	4340	4140	40	115.0
ARYA TP 5P5 70DE.090-2M		90	2250	2130	2030	19.1	117.8
ARYA TP 5P5 70DE.100-2M		100	2490	2350	2240	21.2	117.4
ARYA TP 5P5 70DE.120-2M		120	2970	2800	2670	24.5	121.2
ARYA TP 5P5 70DE.140-2M		140	3430	3240	3090	28.7	119.5
ARYA TP 5P5 70DE.160-2M		160	3870	3650	3480	31.7	122.0
ARYA TP 5P5 70DE.180-2M	S	180	4280	4040	3850	35.8	119.5
ARYA TP 5P5 70DE.200-2M		200	4650	4390	4190	40	116.2
ARYA TP 5P5 70DE.060-4M		60	3010	2840	2710	24.4	123.3
ARYA TP 5P5 70DE.070-4M		70	3490	3290	3140	28.2	123.7
ARYA TP 5P5 70DE.080-4M		80	3960	3740	3570	31.9	124.1
ARYA TP 5P5 70DE.090-4M		90	4440	4190	4000	35.8	124.0
ARYA TP 5P5 70DE.100-4M	S	100	4910	4640	4420	39.6	123.9
ARYA TP 5P5 70DE.120-4M		120	5850	5520	5260	47	124.4
ARYA TP 5P5 70DE.140-4M		140	6750	6380	6080	54.9	122.9
ARYA TP 5P5 70DE.160-4M		160	7610	7190	6850	61.7	123.3
ARYA TP 5P5 70DE.180-4M		180	8410	7940	7570	69.7	120.6
ARYA TP 5P5 70DE.200-4M		200	9140	8630	8220	77.9	117.3

*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* (Tq=25°C, 2700K, 100% of flux)	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)
ARYA TP 5P5 70DE.090-2M	S05 S07 STA STA1	2000lm 17.3W 81mA (90%)	2000lm 19.1W 90mA (100%)
ARYA TP 5P5 70DE.100-2M		2220lm 19.1W 90mA (90%)	2210lm 21.2W 100mA (100%)
ARYA TP 5P5 70DE.120-2M		2650lm 22.1W 108mA (90%)	2640lm 24.5W 120mA (100%)
ARYA TP 5P5 70DE.140-2M		3050lm 25.5W 125mA (89%)	3050lm 28.7W 140mA (100%)
ARYA TP 5P5 70DE.160-2M		3460lm 28.2W 143mA (89%)	3450lm 31.7W 160mA (100%)
ARYA TP 5P5 70DE.180-2M		3810lm 31.5W 159mA (88%)	3810lm 35.8W 180mA (100%)
ARYA TP 5P5 70DE.200-2M	STE-M STE-S STU-M STU-S STW	4140lm 34.8W 175mA (87%)	4140lm 40W 200mA (100%)
ARYA TP 5P5 70DE.090-2M		2030lm 17.3W 81mA (90%)	2030lm 19.1W 90mA (100%)
ARYA TP 5P5 70DE.100-2M		2250lm 19.1W 90mA (90%)	2240lm 21.2W 100mA (100%)
ARYA TP 5P5 70DE.120-2M		2680lm 22.1W 108mA (90%)	2670lm 24.5W 120mA (100%)
ARYA TP 5P5 70DE.140-2M		3090lm 25.5W 125mA (89%)	3090lm 28.7W 140mA (100%)
ARYA TP 5P5 70DE.160-2M		3500lm 28.2W 143mA (89%)	3480lm 31.7W 160mA (100%)
ARYA TP 5P5 70DE.180-2M	S	3850lm 31.5W 159mA (88%)	3850lm 35.8W 180mA (100%)
ARYA TP 5P5 70DE.200-2M		4200lm 35W 176mA (88%)	4190lm 40W 200mA (100%)
ARYA TP 5P5 70DE.060-4M		2730lm 22.1W 54mA (90%)	2710lm 24.4W 60mA (100%)
ARYA TP 5P5 70DE.070-4M		3150lm 25.5W 63mA (90%)	3140lm 28.2W 70mA (100%)
ARYA TP 5P5 70DE.080-4M		3580lm 28.9W 72mA (90%)	3570lm 31.9W 80mA (100%)
ARYA TP 5P5 70DE.090-4M		4010lm 32.3W 81mA (90%)	4000lm 35.8W 90mA (100%)
ARYA TP 5P5 70DE.100-4M	S	4440lm 35.8W 90mA (90%)	4420lm 39.6W 100mA (100%)
ARYA TP 5P5 70DE.120-4M		5290lm 42.4W 108mA (90%)	5260lm 47W 120mA (100%)
ARYA TP 5P5 70DE.140-4M		6080lm 49W 125mA (89%)	6080lm 54.9W 140mA (100%)
ARYA TP 5P5 70DE.160-4M		6880lm 55W 143mA (89%)	6850lm 61.7W 160mA (100%)
ARYA TP 5P5 70DE.180-4M		7570lm 61.3W 159mA (88%)	7570lm 69.7W 180mA (100%)
ARYA TP 5P5 70DE.200-4M		8250lm 68.1W 176mA (88%)	8220lm 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)		
ARYA TP 5P5 70DE.090-2M	S05 S07 STA STA1	2220lm	19.1W	90mA (100%)	1670lm	16.1W	75mA (83%)
ARYA TP 5P5 70DE.100-2M		2460lm	21.2W	100mA (100%)	1870lm	17.9W	84mA (84%)
ARYA TP 5P5 70DE.120-2M		2930lm	24.5W	120mA (100%)	2210lm	21.2W	100mA (83%)
ARYA TP 5P5 70DE.140-2M		3390lm	28.7W	140mA (100%)	2550lm	23.7W	116mA (82%)
ARYA TP 5P5 70DE.160-2M		3830lm	31.7W	160mA (100%)	2890lm	27W	132mA (82%)
ARYA TP 5P5 70DE.180-2M	STE-M STE-S STU-M STU-S STW	4240lm	35.8W	180mA (100%)	3190lm	29W	147mA (81%)
ARYA TP 5P5 70DE.200-2M		4600lm	40W	200mA (100%)	3450lm	31.7W	160mA (80%)
ARYA TP 5P5 70DE.090-2M		2250lm	19.1W	90mA (100%)	1700lm	16.1W	75mA (83%)
ARYA TP 5P5 70DE.100-2M		2490lm	21.2W	100mA (100%)	1870lm	17.7W	83mA (83%)
ARYA TP 5P5 70DE.120-2M		2970lm	24.5W	120mA (100%)	2240lm	21.2W	100mA (83%)
ARYA TP 5P5 70DE.140-2M	S	3430lm	28.7W	140mA (100%)	2590lm	23.7W	116mA (82%)
ARYA TP 5P5 70DE.160-2M		3870lm	31.7W	160mA (100%)	2920lm	27W	132mA (82%)
ARYA TP 5P5 70DE.180-2M		4280lm	35.8W	180mA (100%)	3210lm	28.8W	146mA (81%)
ARYA TP 5P5 70DE.200-2M		4650lm	40W	200mA (100%)	3500lm	31.9W	161mA (80%)
ARYA TP 5P5 70DE.060-4M		3010lm	24.4W	60mA (100%)	2280lm	20.7W	50mA (83%)
ARYA TP 5P5 70DE.070-4M	S	3490lm	28.2W	70mA (100%)	2620lm	23.6W	58mA (82%)
ARYA TP 5P5 70DE.080-4M		3960lm	31.9W	80mA (100%)	2970lm	26.6W	66mA (82%)
ARYA TP 5P5 70DE.090-4M		4440lm	35.8W	90mA (100%)	3350lm	30W	75mA (83%)
ARYA TP 5P5 70DE.100-4M		4910lm	39.6W	100mA (100%)	3700lm	33.1W	83mA (83%)
ARYA TP 5P5 70DE.120-4M		5850lm	47W	120mA (100%)	4420lm	39.6W	100mA (83%)
ARYA TP 5P5 70DE.140-4M		6750lm	54.9W	140mA (100%)	5100lm	45.5W	116mA (82%)
ARYA TP 5P5 70DE.160-4M		7610lm	61.7W	160mA (100%)	5710lm	51.3W	131mA (81%)
ARYA TP 5P5 70DE.180-4M		8410lm	69.7W	180mA (100%)	6310lm	56.2W	146mA (81%)
ARYA TP 5P5 70DE.200-4M		9140lm	77.9W	200mA (100%)	6880lm	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, 2700K, 100% of flux)			(Tq=25°C, 2400K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
ARYA TP 5P5 70DE.090-2M	S05 S07 STA STA1	2220lm	19.1W	90mA (100%)	1690lm	15.5W		1120lm	11.1W	49mA (54%)
ARYA TP 5P5 70DE.100-2M		2460lm	21.2W	100mA (100%)	1870lm	17.1W		1240lm	12.2W	55mA (55%)
ARYA TP 5P5 70DE.120-2M		2930lm	24.5W	120mA (100%)	2210lm	20.2W		1480lm	14.3W	66mA (55%)
ARYA TP 5P5 70DE.140-2M		3390lm	28.7W	140mA (100%)	2550lm	22.5W		1710lm	16.5W	77mA (55%)
ARYA TP 5P5 70DE.160-2M		3830lm	31.7W	160mA (100%)	2880lm	25.5W		1930lm	18.5W	87mA (54%)
ARYA TP 5P5 70DE.180-2M	STE-M STE-S STU-M STU-S STW	4240lm	35.8W	180mA (100%)	3180lm	28.5W		2120lm	20.4W	96mA (53%)
ARYA TP 5P5 70DE.200-2M		4600lm	40W	200mA (100%)	3460lm	30W		2300lm	21.2W	104mA (52%)
ARYA TP 5P5 70DE.090-2M		2250lm	19.1W	90mA (100%)	1690lm	15.3W		1130lm	11.1W	49mA (54%)
ARYA TP 5P5 70DE.100-2M		2490lm	21.2W	100mA (100%)	1870lm	16.9W		1260lm	12.2W	55mA (55%)
ARYA TP 5P5 70DE.120-2M		2970lm	24.5W	120mA (100%)	2240lm	20.2W		1500lm	14.3W	66mA (55%)
ARYA TP 5P5 70DE.140-2M	S	3430lm	28.7W	140mA (100%)	2580lm	22.5W		1720lm	16.3W	76mA (54%)
ARYA TP 5P5 70DE.160-2M		3870lm	31.7W	160mA (100%)	2910lm	25.5W		1940lm	18.3W	86mA (53%)
ARYA TP 5P5 70DE.180-2M		4280lm	35.8W	180mA (100%)	3220lm	28.5W		2140lm	20.2W	95mA (52%)
ARYA TP 5P5 70DE.200-2M		4650lm	40W	200mA (100%)	3490lm	30W		2330lm	21.2W	104mA (52%)
ARYA TP 5P5 70DE.060-4M		3010lm	24.4W	60mA (100%)	2260lm	19.5W		1530lm	14W	32mA (53%)
ARYA TP 5P5 70DE.070-4M		3490lm	28.2W	70mA (100%)	2620lm	22.5W		1780lm	16.2W	38mA (54%)
ARYA TP 5P5 70DE.080-4M		3960lm	31.9W	80mA (100%)	2980lm	25.5W		1990lm	18.1W	43mA (53%)
ARYA TP 5P5 70DE.090-4M		4440lm	35.8W	90mA (100%)	3340lm	28.5W		2240lm	20.3W	49mA (54%)
ARYA TP 5P5 70DE.100-4M		4910lm	39.6W	100mA (100%)	3700lm	31.6W		2500lm	22.5W	55mA (55%)
ARYA TP 5P5 70DE.120-4M		5850lm	47W	120mA (100%)	4420lm	37.7W		2970lm	26.6W	66mA (55%)
ARYA TP 5P5 70DE.140-4M	S	6750lm	54.9W	140mA (100%)	5080lm	43.1W		3400lm	30.4W	76mA (54%)
ARYA TP 5P5 70DE.160-4M		7610lm	61.7W	160mA (100%)	5740lm	49W		3820lm	34.2W	86mA (53%)
ARYA TP 5P5 70DE.180-4M		8410lm	69.7W	180mA (100%)	6330lm	54.5W		4210lm	37.7W	95mA (52%)
ARYA TP 5P5 70DE.200-4M		9140lm	77.9W	200mA (100%)	6870lm	58.6W		4590lm	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.

ARYA TP 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)
ARYA TP 4P4 70DE.120-2M	S05 S07 STE-M STU-M	120	2370	2240	2140	19.6	120.9
ARYA TP 4P4 70DE.140-2M		140	2750	2590	2470	23	119.5
ARYA TP 4P4 70DE.160-2M		160	3100	2930	2790	25.4	122.0
ARYA TP 4P4 70DE.180-2M		180	3420	3230	3080	28.7	119.1
ARYA TP 4P4 70DE.200-2M		200	3720	3510	3350	31.9	116.6
ARYA TP 4P4 70DE.120-2M	STA STA1 STE-S STU-S	120	2350	2220	2110	19.6	119.8
ARYA TP 4P4 70DE.140-2M		140	2710	2560	2440	23	117.8
ARYA TP 4P4 70DE.160-2M		160	3050	2880	2750	25.4	120.0
ARYA TP 4P4 70DE.180-2M		180	3380	3190	3040	28.7	117.7
ARYA TP 4P4 70DE.200-2M		200	3670	3470	3300	31.9	115.0
ARYA TP 4P4 70DE.120-2M	STW	120	2400	2270	2160	19.6	122.4
ARYA TP 4P4 70DE.140-2M		140	2770	2620	2490	23	120.4
ARYA TP 4P4 70DE.160-2M		160	3130	2950	2810	25.4	123.2
ARYA TP 4P4 70DE.180-2M		180	3460	3270	3110	28.7	120.5
ARYA TP 4P4 70DE.200-2M		200	3760	3550	3390	31.9	117.8
ARYA TP 4P4 70DE.080-4M	S	80	3200	3020	2880	25.7	124.5
ARYA TP 4P4 70DE.090-4M		90	3590	3390	3230	28.7	125.0
ARYA TP 4P4 70DE.100-4M		100	3970	3750	3570	31.8	124.8
ARYA TP 4P4 70DE.120-4M		120	4720	4460	4250	37.7	125.1
ARYA TP 4P4 70DE.140-4M		140	5450	5150	4910	44	123.8
ARYA TP 4P4 70DE.160-4M		160	6150	5810	5530	49.5	124.2
ARYA TP 4P4 70DE.180-4M		180	6800	6420	6120	55.9	121.6
ARYA TP 4P4 70DE.200-4M		200	7390	6980	6650	62.3	118.6

*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* (Tq=25°C, 2700K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)		
ARYA TP 4P4 70DE.120-2M	S05 S07 STE-M STU-M	2140lm	17.7W	108mA (90%)	2140lm	19.6W	120mA (100%)
ARYA TP 4P4 70DE.140-2M		2470lm	20.5W	125mA (89%)	2470lm	23W	140mA (100%)
ARYA TP 4P4 70DE.160-2M		2800lm	22.6W	143mA (89%)	2790lm	25.4W	160mA (100%)
ARYA TP 4P4 70DE.180-2M		3080lm	25.3W	159mA (88%)	3080lm	28.7W	180mA (100%)
ARYA TP 4P4 70DE.200-2M		3350lm	27.9W	175mA (87%)	3350lm	31.9W	200mA (100%)
ARYA TP 4P4 70DE.120-2M	STA STA1 STE-S STU-S	2120lm	17.7W	108mA (90%)	2110lm	19.6W	120mA (100%)
ARYA TP 4P4 70DE.140-2M		2440lm	20.5W	125mA (89%)	2440lm	23W	140mA (100%)
ARYA TP 4P4 70DE.160-2M		2760lm	22.6W	143mA (89%)	2750lm	25.4W	160mA (100%)
ARYA TP 4P4 70DE.180-2M		3040lm	25.3W	159mA (88%)	3040lm	28.7W	180mA (100%)
ARYA TP 4P4 70DE.200-2M		3300lm	27.9W	175mA (87%)	3300lm	31.9W	200mA (100%)
ARYA TP 4P4 70DE.120-2M	STW	2170lm	17.7W	108mA (90%)	2160lm	19.6W	120mA (100%)
ARYA TP 4P4 70DE.140-2M		2490lm	20.5W	125mA (89%)	2490lm	23W	140mA (100%)
ARYA TP 4P4 70DE.160-2M		2810lm	22.5W	142mA (88%)	2810lm	25.4W	160mA (100%)
ARYA TP 4P4 70DE.180-2M		3110lm	25.3W	159mA (88%)	3110lm	28.7W	180mA (100%)
ARYA TP 4P4 70DE.200-2M		3390lm	28W	176mA (88%)	3390lm	31.9W	200mA (100%)
ARYA TP 4P4 70DE.080-4M	S	2890lm	23.3W	72mA (90%)	2880lm	25.7W	80mA (100%)
ARYA TP 4P4 70DE.090-4M		3240lm	26W	81mA (90%)	3230lm	28.7W	90mA (100%)
ARYA TP 4P4 70DE.100-4M		3590lm	28.7W	90mA (90%)	3570lm	31.8W	100mA (100%)
ARYA TP 4P4 70DE.120-4M		4270lm	34W	108mA (90%)	4250lm	37.7W	120mA (100%)
ARYA TP 4P4 70DE.140-4M		4910lm	39.2W	125mA (89%)	4910lm	44W	140mA (100%)
ARYA TP 4P4 70DE.160-4M		5530lm	43.8W	142mA (88%)	5530lm	49.5W	160mA (100%)
ARYA TP 4P4 70DE.180-4M		6120lm	49.1W	159mA (88%)	6120lm	55.9W	180mA (100%)
ARYA TP 4P4 70DE.200-4M		6670lm	54.6W	176mA (88%)	6650lm	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)		
ARYA TP 4P4 70DE.120-2M	S05	2370lm	19.6W	120mA (100%)	1790lm	17W	100mA (83%)
ARYA TP 4P4 70DE.140-2M		2750lm	23W	140mA (100%)	2070lm	19W	116mA (82%)
ARYA TP 4P4 70DE.160-2M	STE-M	3100lm	25.4W	160mA (100%)	2340lm	21.7W	132mA (82%)
ARYA TP 4P4 70DE.180-2M		3420lm	28.7W	180mA (100%)	2570lm	23.1W	146mA (81%)
ARYA TP 4P4 70DE.200-2M	STU-M	3720lm	31.9W	200mA (100%)	2790lm	25.4W	160mA (80%)
ARYA TP 4P4 70DE.120-2M	STA	2350lm	19.6W	120mA (100%)	1770lm	17W	100mA (83%)
ARYA TP 4P4 70DE.140-2M		2710lm	23W	140mA (100%)	2040lm	19W	116mA (82%)
ARYA TP 4P4 70DE.160-2M	STA1	3050lm	25.4W	160mA (100%)	2290lm	21.5W	131mA (81%)
ARYA TP 4P4 70DE.180-2M	STE-S	3380lm	28.7W	180mA (100%)	2550lm	23.3W	147mA (81%)
ARYA TP 4P4 70DE.200-2M		3670lm	31.9W	200mA (100%)	2760lm	25.6W	161mA (80%)
ARYA TP 4P4 70DE.120-2M	STW	2400lm	19.6W	120mA (100%)	1800lm	16.8W	99mA (82%)
ARYA TP 4P4 70DE.140-2M		2770lm	23W	140mA (100%)	2090lm	19W	116mA (82%)
ARYA TP 4P4 70DE.160-2M	S	3130lm	25.4W	160mA (100%)	2350lm	21.5W	131mA (81%)
ARYA TP 4P4 70DE.180-2M		3460lm	28.7W	180mA (100%)	2610lm	23.3W	147mA (81%)
ARYA TP 4P4 70DE.200-2M	S	3760lm	31.9W	200mA (100%)	2830lm	25.6W	161mA (80%)
ARYA TP 4P4 70DE.080-4M		3200lm	25.7W	80mA (100%)	2400lm	21.6W	66mA (82%)
ARYA TP 4P4 70DE.090-4M	S	3590lm	28.7W	90mA (100%)	2710lm	24.2W	75mA (83%)
ARYA TP 4P4 70DE.100-4M		3970lm	31.8W	100mA (100%)	2990lm	26.6W	83mA (83%)
ARYA TP 4P4 70DE.120-4M	S	4720lm	37.7W	120mA (100%)	3540lm	31.5W	99mA (82%)
ARYA TP 4P4 70DE.140-4M		5450lm	44W	140mA (100%)	4120lm	36.4W	116mA (82%)
ARYA TP 4P4 70DE.160-4M	S	6150lm	49.5W	160mA (100%)	4620lm	41.1W	131mA (81%)
ARYA TP 4P4 70DE.180-4M		6800lm	55.9W	180mA (100%)	5100lm	45W	146mA (81%)
ARYA TP 4P4 70DE.200-4M	S	7390lm	62.3W	200mA (100%)	5560lm	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)		
ARYA TP 4P4 70DE.120-2M	S05	2370lm	19.6W	120mA (100%)	1790lm	16.2W		1200lm	11.6W	66mA (55%)
ARYA TP 4P4 70DE.140-2M		2750lm	23W	140mA (100%)	2080lm	18.2W		1390lm	13.3W	77mA (55%)
ARYA TP 4P4 70DE.160-2M	STE-M	3100lm	25.4W	160mA (100%)	2330lm	20.5W		1550lm	14.7W	86mA (53%)
ARYA TP 4P4 70DE.180-2M		3420lm	28.7W	180mA (100%)	2580lm	22.8W		1720lm	16.3W	96mA (53%)
ARYA TP 4P4 70DE.200-2M	STU-M	3720lm	31.9W	200mA (100%)	2800lm	24.1W		1880lm	17.2W	105mA (52%)
ARYA TP 4P4 70DE.120-2M	STA	2350lm	19.6W	120mA (100%)	1770lm	16.2W		1190lm	11.6W	66mA (55%)
ARYA TP 4P4 70DE.140-2M		2710lm	23W	140mA (100%)	2040lm	18W		1360lm	13.1W	76mA (54%)
ARYA TP 4P4 70DE.160-2M	STA1	3050lm	25.4W	160mA (100%)	2290lm	20.3W		1530lm	14.7W	86mA (53%)
ARYA TP 4P4 70DE.180-2M	STE-S	3380lm	28.7W	180mA (100%)	2540lm	22.8W		1690lm	16.2W	95mA (52%)
ARYA TP 4P4 70DE.200-2M		3670lm	31.9W	200mA (100%)	2760lm	24.1W		1840lm	17W	104mA (52%)
ARYA TP 4P4 70DE.120-2M	STW	2400lm	19.6W	120mA (100%)	1810lm	16.2W		1200lm	11.4W	65mA (54%)
ARYA TP 4P4 70DE.140-2M		2770lm	23W	140mA (100%)	2090lm	18W		1390lm	13.1W	76mA (54%)
ARYA TP 4P4 70DE.160-2M	S	3130lm	25.4W	160mA (100%)	2360lm	20.5W		1570lm	14.7W	86mA (53%)
ARYA TP 4P4 70DE.180-2M		3460lm	28.7W	180mA (100%)	2600lm	22.8W		1730lm	16.2W	95mA (52%)
ARYA TP 4P4 70DE.200-2M	S	3760lm	31.9W	200mA (100%)	2820lm	24.1W		1880lm	17W	104mA (52%)
ARYA TP 4P4 70DE.080-4M		3200lm	25.7W	80mA (100%)	2410lm	20.7W		1610lm	14.9W	43mA (53%)
ARYA TP 4P4 70DE.090-4M	S	3590lm	28.7W	90mA (100%)	2700lm	23W		1810lm	16.6W	49mA (54%)
ARYA TP 4P4 70DE.100-4M		3970lm	31.8W	100mA (100%)	2990lm	25.4W		2020lm	18.4W	55mA (55%)
ARYA TP 4P4 70DE.120-4M	S	4720lm	37.7W	120mA (100%)	3570lm	30.3W		2360lm	21.3W	65mA (54%)
ARYA TP 4P4 70DE.140-4M		5450lm	44W	140mA (100%)	4110lm	34.6W		2740lm	24.5W	76mA (54%)
ARYA TP 4P4 70DE.160-4M	S	6150lm	49.5W	160mA (100%)	4640lm	39.2W		3090lm	27.5W	86mA (53%)
ARYA TP 4P4 70DE.180-4M		6800lm	55.9W	180mA (100%)	5120lm	43.7W		3400lm	30.3W	95mA (52%)
ARYA TP 4P4 70DE.200-4M	S	7390lm	62.3W	200mA (100%)	5550lm	46.9W		3710lm	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.

ARYA TP 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)
ARYA TP 5P5 70DF.090-2M	S05 S07 STA STA1	90	2320	2220	2000	19.1	121.4
ARYA TP 5P5 70DF.100-2M		100	2570	2460	2210	21.2	121.2
ARYA TP 5P5 70DF.120-2M		120	3060	2930	2640	24.5	124.8
ARYA TP 5P5 70DF.140-2M		140	3540	3390	3050	28.7	123.3
ARYA TP 5P5 70DF.160-2M		160	4000	3830	3450	31.7	126.1
ARYA TP 5P5 70DF.180-2M		180	4420	4240	3810	35.8	123.4
ARYA TP 5P5 70DF.200-2M	STE-M STE-S STU-M STU-S STW	200	4800	4600	4140	40	120.0
ARYA TP 5P5 70DF.090-2M		90	2350	2250	2030	19.1	123.0
ARYA TP 5P5 70DF.100-2M		100	2600	2490	2240	21.2	122.6
ARYA TP 5P5 70DF.120-2M		120	3100	2970	2670	24.5	126.5
ARYA TP 5P5 70DF.140-2M		140	3580	3430	3090	28.7	124.7
ARYA TP 5P5 70DF.160-2M		160	4040	3870	3480	31.7	127.4
ARYA TP 5P5 70DF.180-2M		180	4470	4280	3850	35.8	124.8
ARYA TP 5P5 70DF.200-2M	S	200	4860	4650	4190	40	121.5
ARYA TP 5P5 70DF.060-4M		60	3150	3010	2710	24.4	129.0
ARYA TP 5P5 70DF.070-4M		70	3640	3490	3140	28.2	129.0
ARYA TP 5P5 70DF.080-4M		80	4140	3960	3570	31.9	129.7
ARYA TP 5P5 70DF.090-4M		90	4640	4440	4000	35.8	129.6
ARYA TP 5P5 70DF.100-4M		100	5130	4910	4420	39.6	129.5
ARYA TP 5P5 70DF.120-4M		120	6110	5850	5260	47	130.0
ARYA TP 5P5 70DF.140-4M		140	7050	6750	6080	54.9	128.4
ARYA TP 5P5 70DF.160-4M		160	7950	7610	6850	61.7	128.8
ARYA TP 5P5 70DF.180-4M		180	8780	8410	7570	69.7	125.9
ARYA TP 5P5 70DF.200-4M		200	9540	9140	8220	77.9	122.4

*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* (Tq=25°C, 3000K, 100% of flux)	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)
ARYA TP 5P5 70DF.090-2M	S05 S07 STA STA1	2010lm 16.7W 78mA (86%)	2000lm 19.1W 90mA (100%)
ARYA TP 5P5 70DF.100-2M		2210lm 18.3W 86mA (86%)	2210lm 21.2W 100mA (100%)
ARYA TP 5P5 70DF.120-2M		2640lm 21W 103mA (85%)	2640lm 24.5W 120mA (100%)
ARYA TP 5P5 70DF.140-2M		3060lm 24.5W 120mA (85%)	3050lm 28.7W 140mA (100%)
ARYA TP 5P5 70DF.160-2M		3450lm 27.8W 136mA (85%)	3450lm 31.7W 160mA (100%)
ARYA TP 5P5 70DF.180-2M		3820lm 30W 152mA (84%)	3810lm 35.8W 180mA (100%)
ARYA TP 5P5 70DF.200-2M	STE-M STE-S STU-M STU-S STW	4150lm 33.1W 167mA (83%)	4140lm 40W 200mA (100%)
ARYA TP 5P5 70DF.090-2M		2050lm 16.7W 78mA (86%)	2030lm 19.1W 90mA (100%)
ARYA TP 5P5 70DF.100-2M		2250lm 18.3W 86mA (86%)	2240lm 21.2W 100mA (100%)
ARYA TP 5P5 70DF.120-2M		2680lm 21W 103mA (85%)	2670lm 24.5W 120mA (100%)
ARYA TP 5P5 70DF.140-2M		3100lm 24.5W 120mA (85%)	3090lm 28.7W 140mA (100%)
ARYA TP 5P5 70DF.160-2M		3490lm 27.8W 136mA (85%)	3480lm 31.7W 160mA (100%)
ARYA TP 5P5 70DF.180-2M		3860lm 30W 152mA (84%)	3850lm 35.8W 180mA (100%)
ARYA TP 5P5 70DF.200-2M	S	4190lm 33.1W 167mA (83%)	4190lm 40W 200mA (100%)
ARYA TP 5P5 70DF.060-4M		2750lm 21.4W 52mA (86%)	2710lm 24.4W 60mA (100%)
ARYA TP 5P5 70DF.070-4M		3150lm 24.4W 60mA (85%)	3140lm 28.2W 70mA (100%)
ARYA TP 5P5 70DF.080-4M		3590lm 27.8W 69mA (86%)	3570lm 31.9W 80mA (100%)
ARYA TP 5P5 70DF.090-4M		4040lm 31.2W 78mA (86%)	4000lm 35.8W 90mA (100%)
ARYA TP 5P5 70DF.100-4M		4440lm 34.2W 86mA (86%)	4420lm 39.6W 100mA (100%)
ARYA TP 5P5 70DF.120-4M		5280lm 40.4W 103mA (85%)	5260lm 47W 120mA (100%)
ARYA TP 5P5 70DF.140-4M		6110lm 47W 120mA (85%)	6080lm 54.9W 140mA (100%)
ARYA TP 5P5 70DF.160-4M		6860lm 53.3W 136mA (85%)	6850lm 61.7W 160mA (100%)
ARYA TP 5P5 70DF.180-4M		7590lm 58.6W 152mA (84%)	7570lm 69.7W 180mA (100%)
ARYA TP 5P5 70DF.200-4M		8250lm 64.5W 167mA (83%)	8220lm 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, 3000K, 100% of flux)			(Tq=25°C, 2200K, 75% of flux)		
ARYA TP 5P5 70DF.090-2M	S05 S07 STA STA1	2320lm	19.1W	90mA (100%)	1740lm	16.7W	78mA (86%)
ARYA TP 5P5 70DF.100-2M		2570lm	21.2W	100mA (100%)	1930lm	18.5W	87mA (87%)
ARYA TP 5P5 70DF.120-2M		3060lm	24.5W	120mA (100%)	2300lm	21.2W	104mA (86%)
ARYA TP 5P5 70DF.140-2M		3540lm	28.7W	140mA (100%)	2660lm	24.7W	121mA (86%)
ARYA TP 5P5 70DF.160-2M		4000lm	31.7W	160mA (100%)	3010lm	28.3W	138mA (86%)
ARYA TP 5P5 70DF.180-2M	STE-M STE-S STU-M STU-S STW	4420lm	35.8W	180mA (100%)	3330lm	30.5W	154mA (85%)
ARYA TP 5P5 70DF.200-2M		4800lm	40W	200mA (100%)	3600lm	33.3W	168mA (84%)
ARYA TP 5P5 70DF.090-2M		2350lm	19.1W	90mA (100%)	1790lm	16.9W	79mA (87%)
ARYA TP 5P5 70DF.100-2M		2600lm	21.2W	100mA (100%)	1960lm	18.5W	87mA (87%)
ARYA TP 5P5 70DF.120-2M		3100lm	24.5W	120mA (100%)	2330lm	21.2W	104mA (86%)
ARYA TP 5P5 70DF.140-2M	S	3580lm	28.7W	140mA (100%)	2690lm	24.7W	121mA (86%)
ARYA TP 5P5 70DF.160-2M		4040lm	31.7W	160mA (100%)	3030lm	28W	137mA (85%)
ARYA TP 5P5 70DF.180-2M		4470lm	35.8W	180mA (100%)	3360lm	30.5W	154mA (85%)
ARYA TP 5P5 70DF.200-2M		4860lm	40W	200mA (100%)	3650lm	33.5W	169mA (84%)
ARYA TP 5P5 70DF.060-4M		3150lm	24.4W	60mA (100%)	2370lm	21.4W	52mA (86%)
ARYA TP 5P5 70DF.070-4M	S	3640lm	28.2W	70mA (100%)	2750lm	24.8W	61mA (87%)
ARYA TP 5P5 70DF.080-4M		4140lm	31.9W	80mA (100%)	3140lm	28.2W	70mA (87%)
ARYA TP 5P5 70DF.090-4M		4640lm	35.8W	90mA (100%)	3480lm	31.2W	78mA (86%)
ARYA TP 5P5 70DF.100-4M		5130lm	39.6W	100mA (100%)	3870lm	34.6W	87mA (87%)
ARYA TP 5P5 70DF.120-4M		6110lm	47W	120mA (100%)	4590lm	40.8W	104mA (86%)
ARYA TP 5P5 70DF.140-4M		7050lm	54.9W	140mA (100%)	5300lm	47.4W	121mA (86%)
ARYA TP 5P5 70DF.160-4M		7950lm	61.7W	160mA (100%)	6000lm	54.1W	138mA (86%)
ARYA TP 5P5 70DF.180-4M		8780lm	69.7W	180mA (100%)	6620lm	59.4W	154mA (85%)
ARYA TP 5P5 70DF.200-4M		9540lm	77.9W	200mA (100%)	7180lm	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)		
ARYA TP 5P5 70DF.090-2M	S05 S07 STA STA1	2320lm	19.1W	90mA (100%)	1740lm	15.1W		1160lm	11.5W	51mA (56%)
ARYA TP 5P5 70DF.100-2M		2570lm	21.2W	100mA (100%)	1930lm	16.7W		1290lm	12.6W	57mA (56%)
ARYA TP 5P5 70DF.120-2M		3060lm	24.5W	120mA (100%)	2310lm	20W		1540lm	14.9W	69mA (57%)
ARYA TP 5P5 70DF.140-2M		3540lm	28.7W	140mA (100%)	2670lm	22.3W		1780lm	17.1W	80mA (57%)
ARYA TP 5P5 70DF.160-2M		4000lm	31.7W	160mA (100%)	3000lm	25.1W		2000lm	19.1W	90mA (56%)
ARYA TP 5P5 70DF.180-2M	STE-M STE-S STU-M STU-S STW	4420lm	35.8W	180mA (100%)	3330lm	28W		2210lm	21.2W	100mA (55%)
ARYA TP 5P5 70DF.200-2M		4800lm	40W	200mA (100%)	3620lm	29.6W		2400lm	22.3W	109mA (54%)
ARYA TP 5P5 70DF.090-2M		2350lm	19.1W	90mA (100%)	1770lm	15.1W		1180lm	11.5W	51mA (56%)
ARYA TP 5P5 70DF.100-2M		2600lm	21.2W	100mA (100%)	1960lm	16.7W		1310lm	12.6W	57mA (56%)
ARYA TP 5P5 70DF.120-2M		3100lm	24.5W	120mA (100%)	2350lm	20W		1550lm	14.7W	68mA (56%)
ARYA TP 5P5 70DF.140-2M	S	3580lm	28.7W	140mA (100%)	2710lm	22.3W		1790lm	16.9W	79mA (56%)
ARYA TP 5P5 70DF.160-2M		4040lm	31.7W	160mA (100%)	3040lm	25.1W		2030lm	19.1W	90mA (56%)
ARYA TP 5P5 70DF.180-2M		4470lm	35.8W	180mA (100%)	3360lm	28W		2240lm	21.2W	100mA (55%)
ARYA TP 5P5 70DF.200-2M		4860lm	40W	200mA (100%)	3650lm	29.6W		2440lm	22.3W	109mA (54%)
ARYA TP 5P5 70DF.060-4M		3150lm	24.4W	60mA (100%)	2400lm	19.5W		1610lm	14.7W	34mA (56%)
ARYA TP 5P5 70DF.070-4M		3640lm	28.2W	70mA (100%)	2730lm	22.1W		1860lm	17W	40mA (57%)
ARYA TP 5P5 70DF.080-4M		4140lm	31.9W	80mA (100%)	3110lm	25.1W		2070lm	18.8W	45mA (56%)
ARYA TP 5P5 70DF.090-4M		4640lm	35.8W	90mA (100%)	3490lm	28.2W		2330lm	21W	51mA (56%)
ARYA TP 5P5 70DF.100-4M		5130lm	39.6W	100mA (100%)	3870lm	31.2W		2580lm	23.3W	57mA (56%)
ARYA TP 5P5 70DF.120-4M		6110lm	47W	120mA (100%)	4630lm	37.3W		3100lm	27.8W	69mA (57%)
ARYA TP 5P5 70DF.140-4M		7050lm	54.9W	140mA (100%)	5290lm	42.4W		3570lm	31.9W	80mA (57%)
ARYA TP 5P5 70DF.160-4M		7950lm	61.7W	160mA (100%)	5980lm	48.2W		4000lm	35.8W	90mA (56%)
ARYA TP 5P5 70DF.180-4M		8780lm	69.7W	180mA (100%)	6620lm	53.7W		4420lm	39.6W	100mA (55%)
ARYA TP 5P5 70DF.200-4M		9540lm	77.9W	200mA (100%)	7190lm	57.8W		4800lm	42.7W	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.

ARYA TP 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)
ARYA TP 4P4 70DF.120-2M	S05	120	2480	2370	2140	19.6	126.5
ARYA TP 4P4 70DF.140-2M		140	2870	2750	2470	23	124.7
ARYA TP 4P4 70DF.160-2M	STE-M	160	3240	3100	2790	25.4	127.5
ARYA TP 4P4 70DF.180-2M		180	3580	3420	3080	28.7	124.7
ARYA TP 4P4 70DF.200-2M	STU-M	200	3880	3720	3350	31.9	121.6
ARYA TP 4P4 70DF.120-2M	STA	120	2450	2350	2110	19.6	124.9
ARYA TP 4P4 70DF.140-2M		140	2830	2710	2440	23	123.0
ARYA TP 4P4 70DF.160-2M	STA1	160	3190	3050	2750	25.4	125.5
ARYA TP 4P4 70DF.180-2M	STE-S	180	3530	3380	3040	28.7	122.9
ARYA TP 4P4 70DF.200-2M		200	3840	3670	3300	31.9	120.3
ARYA TP 4P4 70DF.120-2M	STW	120	2510	2400	2160	19.6	128.0
ARYA TP 4P4 70DF.140-2M		140	2900	2770	2490	23	126.0
ARYA TP 4P4 70DF.160-2M		160	3270	3130	2810	25.4	128.7
ARYA TP 4P4 70DF.180-2M		180	3610	3460	3110	28.7	125.7
ARYA TP 4P4 70DF.200-2M	S	200	3930	3760	3390	31.9	123.1
ARYA TP 4P4 70DF.080-4M		80	3340	3200	2880	25.7	129.9
ARYA TP 4P4 70DF.090-4M		90	3750	3590	3230	28.7	130.6
ARYA TP 4P4 70DF.100-4M		100	4150	3970	3570	31.8	130.5
ARYA TP 4P4 70DF.120-4M		120	4930	4720	4250	37.7	130.7
ARYA TP 4P4 70DF.140-4M		140	5700	5450	4910	44	129.5
ARYA TP 4P4 70DF.160-4M		160	6420	6150	5530	49.5	129.6
ARYA TP 4P4 70DF.180-4M		180	7100	6800	6120	55.9	127.0
ARYA TP 4P4 70DF.200-4M		200	7720	7390	6650	62.3	123.9

*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* (Tq=25°C, 3000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)		
ARYA TP 4P4 70DF.120-2M	S05	2140lm	16.9W	103mA (85%)	2140lm	19.6W	120mA (100%)
ARYA TP 4P4 70DF.140-2M		2480lm	19.6W	120mA (85%)	2470lm	23W	140mA (100%)
ARYA TP 4P4 70DF.160-2M	STE-M	2790lm	22.3W	136mA (85%)	2790lm	25.4W	160mA (100%)
ARYA TP 4P4 70DF.180-2M		3090lm	24.1W	152mA (84%)	3080lm	28.7W	180mA (100%)
ARYA TP 4P4 70DF.200-2M	STU-M	3360lm	26.6W	167mA (83%)	3350lm	31.9W	200mA (100%)
ARYA TP 4P4 70DF.120-2M	STA	2120lm	16.9W	103mA (85%)	2110lm	19.6W	120mA (100%)
ARYA TP 4P4 70DF.140-2M		2450lm	19.6W	120mA (85%)	2440lm	23W	140mA (100%)
ARYA TP 4P4 70DF.160-2M	STA1	2750lm	22.3W	136mA (85%)	2750lm	25.4W	160mA (100%)
ARYA TP 4P4 70DF.180-2M	STE-S	3050lm	24.1W	152mA (84%)	3040lm	28.7W	180mA (100%)
ARYA TP 4P4 70DF.200-2M		3310lm	26.6W	167mA (83%)	3300lm	31.9W	200mA (100%)
ARYA TP 4P4 70DF.120-2M	STW	2170lm	16.9W	103mA (85%)	2160lm	19.6W	120mA (100%)
ARYA TP 4P4 70DF.140-2M		2490lm	19.5W	119mA (85%)	2490lm	23W	140mA (100%)
ARYA TP 4P4 70DF.160-2M		2820lm	22.3W	136mA (85%)	2810lm	25.4W	160mA (100%)
ARYA TP 4P4 70DF.180-2M		3120lm	24.1W	152mA (84%)	3110lm	28.7W	180mA (100%)
ARYA TP 4P4 70DF.200-2M	S	3390lm	26.6W	167mA (83%)	3390lm	31.9W	200mA (100%)
ARYA TP 4P4 70DF.080-4M		2900lm	22.4W	69mA (86%)	2880lm	25.7W	80mA (100%)
ARYA TP 4P4 70DF.090-4M		3260lm	25.1W	78mA (86%)	3230lm	28.7W	90mA (100%)
ARYA TP 4P4 70DF.100-4M		3590lm	27.5W	86mA (86%)	3570lm	31.8W	100mA (100%)
ARYA TP 4P4 70DF.120-4M		4260lm	32.4W	103mA (85%)	4250lm	37.7W	120mA (100%)
ARYA TP 4P4 70DF.140-4M		4930lm	37.7W	120mA (85%)	4910lm	44W	140mA (100%)
ARYA TP 4P4 70DF.160-4M		5550lm	42.7W	136mA (85%)	5530lm	49.5W	160mA (100%)
ARYA TP 4P4 70DF.180-4M		6140lm	46.9W	152mA (84%)	6120lm	55.9W	180mA (100%)
ARYA TP 4P4 70DF.200-4M		6670lm	51.7W	167mA (83%)	6650lm	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)		
ARYA TP 4P4 70DF.120-2M	S05	2480lm	19.6W	120mA (100%)	1860lm	17W	104mA (86%)
ARYA TP 4P4 70DF.140-2M		2870lm	23W	140mA (100%)	2170lm	20W	122mA (87%)
ARYA TP 4P4 70DF.160-2M	STE-M	3240lm	25.4W	160mA (100%)	2440lm	22.7W	138mA (86%)
ARYA TP 4P4 70DF.180-2M		3580lm	28.7W	180mA (100%)	2690lm	24.4W	154mA (85%)
ARYA TP 4P4 70DF.200-2M	STU-M	3880lm	31.9W	200mA (100%)	2910lm	26.7W	168mA (84%)
ARYA TP 4P4 70DF.120-2M		2450lm	19.6W	120mA (100%)	1840lm	17W	104mA (86%)
ARYA TP 4P4 70DF.140-2M	STA	2830lm	23W	140mA (100%)	2130lm	19.8W	121mA (86%)
ARYA TP 4P4 70DF.160-2M		3190lm	25.4W	160mA (100%)	2410lm	22.7W	138mA (86%)
ARYA TP 4P4 70DF.180-2M	STE-S	3530lm	28.7W	180mA (100%)	2660lm	24.4W	154mA (85%)
ARYA TP 4P4 70DF.200-2M		3840lm	31.9W	200mA (100%)	2880lm	26.9W	169mA (84%)
ARYA TP 4P4 70DF.120-2M	STU-S	2510lm	19.6W	120mA (100%)	1900lm	17.2W	105mA (87%)
ARYA TP 4P4 70DF.140-2M		2900lm	23W	140mA (100%)	2180lm	19.8W	121mA (86%)
ARYA TP 4P4 70DF.160-2M	STW	3270lm	25.4W	160mA (100%)	2460lm	22.7W	138mA (86%)
ARYA TP 4P4 70DF.180-2M		3610lm	28.7W	180mA (100%)	2720lm	24.4W	154mA (85%)
ARYA TP 4P4 70DF.200-2M		3930lm	31.9W	200mA (100%)	2950lm	26.9W	169mA (84%)
ARYA TP 4P4 70DF.080-4M		3340lm	25.7W	80mA (100%)	2540lm	22.7W	70mA (87%)
ARYA TP 4P4 70DF.090-4M		3750lm	28.7W	90mA (100%)	2850lm	25.4W	79mA (87%)
ARYA TP 4P4 70DF.100-4M		4150lm	31.8W	100mA (100%)	3120lm	27.8W	87mA (87%)
ARYA TP 4P4 70DF.120-4M	S	4930lm	37.7W	120mA (100%)	3710lm	32.7W	104mA (86%)
ARYA TP 4P4 70DF.140-4M		5700lm	44W	140mA (100%)	4280lm	38W	121mA (86%)
ARYA TP 4P4 70DF.160-4M		6420lm	49.5W	160mA (100%)	4840lm	43.4W	138mA (86%)
ARYA TP 4P4 70DF.180-4M		7100lm	55.9W	180mA (100%)	5350lm	47.6W	154mA (85%)
ARYA TP 4P4 70DF.200-4M		7720lm	62.3W	200mA (100%)	5800lm	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)		
ARYA TP 4P4 70DF.120-2M	S05	2480lm	19.6W	120mA (100%)	1870lm	16W		1250lm	12W	69mA (57%)
ARYA TP 4P4 70DF.140-2M		2870lm	23W	140mA (100%)	2160lm	17.8W		1440lm	13.7W	80mA (57%)
ARYA TP 4P4 70DF.160-2M	STE-M	3240lm	25.4W	160mA (100%)	2430lm	20.1W		1620lm	15.3W	90mA (56%)
ARYA TP 4P4 70DF.180-2M		3580lm	28.7W	180mA (100%)	2690lm	22.5W		1790lm	17W	100mA (55%)
ARYA TP 4P4 70DF.200-2M	STU-M	3880lm	31.9W	200mA (100%)	2910lm	23.6W		1950lm	17.8W	109mA (54%)
ARYA TP 4P4 70DF.120-2M		2450lm	19.6W	120mA (100%)	1840lm	15.8W		1240lm	12W	69mA (57%)
ARYA TP 4P4 70DF.140-2M	STA	2830lm	23W	140mA (100%)	2140lm	17.8W		1430lm	13.7W	80mA (57%)
ARYA TP 4P4 70DF.160-2M		3190lm	25.4W	160mA (100%)	2400lm	20.1W		1600lm	15.3W	90mA (56%)
ARYA TP 4P4 70DF.180-2M	STE-S	3530lm	28.7W	180mA (100%)	2660lm	22.5W		1770lm	17W	100mA (55%)
ARYA TP 4P4 70DF.200-2M		3840lm	31.9W	200mA (100%)	2880lm	23.8W		1930lm	17.8W	109mA (54%)
ARYA TP 4P4 70DF.120-2M	STU-S	2510lm	19.6W	120mA (100%)	1900lm	16W		1270lm	12W	69mA (57%)
ARYA TP 4P4 70DF.140-2M		2900lm	23W	140mA (100%)	2190lm	17.8W		1450lm	13.6W	79mA (56%)
ARYA TP 4P4 70DF.160-2M	STW	3270lm	25.4W	160mA (100%)	2460lm	20.1W		1640lm	15.3W	90mA (56%)
ARYA TP 4P4 70DF.180-2M		3610lm	28.7W	180mA (100%)	2720lm	22.5W		1810lm	17W	100mA (55%)
ARYA TP 4P4 70DF.200-2M		3930lm	31.9W	200mA (100%)	2950lm	23.8W		1970lm	17.8W	109mA (54%)
ARYA TP 4P4 70DF.080-4M		3340lm	25.7W	80mA (100%)	2510lm	20.4W		1680lm	15.5W	45mA (56%)
ARYA TP 4P4 70DF.090-4M		3750lm	28.7W	90mA (100%)	2820lm	22.7W		1880lm	17.2W	51mA (56%)
ARYA TP 4P4 70DF.100-4M		4150lm	31.8W	100mA (100%)	3120lm	25.1W		2090lm	18.9W	57mA (56%)
ARYA TP 4P4 70DF.120-4M	S	4930lm	37.7W	120mA (100%)	3700lm	29.7W		2470lm	22.1W	68mA (56%)
ARYA TP 4P4 70DF.140-4M		5700lm	44W	140mA (100%)	4310lm	34.3W		2850lm	25.4W	79mA (56%)
ARYA TP 4P4 70DF.160-4M		6420lm	49.5W	160mA (100%)	4830lm	38.6W		3230lm	28.7W	90mA (56%)
ARYA TP 4P4 70DF.180-4M		7100lm	55.9W	180mA (100%)	5350lm	43W		3570lm	31.8W	100mA (55%)
ARYA TP 4P4 70DF.200-4M		7720lm	62.3W	200mA (100%)	5810lm	46.3W		3880lm	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.

ARYA TP 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)
ARYA TP 5P5 70EG.090-2M	S05 S07 STA STA1	90	2460	2320	2220	19.1	128.7
ARYA TP 5P5 70EG.100-2M		100	2730	2570	2460	21.2	128.7
ARYA TP 5P5 70EG.120-2M		120	3260	3060	2930	24.5	133.0
ARYA TP 5P5 70EG.140-2M		140	3770	3540	3390	28.7	131.3
ARYA TP 5P5 70EG.160-2M		160	4260	4000	3830	31.7	134.3
ARYA TP 5P5 70EG.180-2M		180	4710	4420	4240	35.8	131.5
ARYA TP 5P5 70EG.200-2M	STE-M STE-S STU-M STU-S STW	200	5110	4800	4600	40	127.7
ARYA TP 5P5 70EG.090-2M		90	2500	2350	2250	19.1	130.8
ARYA TP 5P5 70EG.100-2M		100	2770	2600	2490	21.2	130.6
ARYA TP 5P5 70EG.120-2M		120	3300	3100	2970	24.5	134.6
ARYA TP 5P5 70EG.140-2M		140	3810	3580	3430	28.7	132.7
ARYA TP 5P5 70EG.160-2M		160	4300	4040	3870	31.7	135.6
ARYA TP 5P5 70EG.180-2M		180	4750	4470	4280	35.8	132.6
ARYA TP 5P5 70EG.200-2M	S	200	5170	4860	4650	40	129.2
ARYA TP 5P5 70EG.060-4M		60	3350	3150	3010	24.4	137.2
ARYA TP 5P5 70EG.070-4M		70	3870	3640	3490	28.2	137.2
ARYA TP 5P5 70EG.080-4M		80	4400	4140	3960	31.9	137.9
ARYA TP 5P5 70EG.090-4M		90	4930	4640	4440	35.8	137.7
ARYA TP 5P5 70EG.100-4M		100	5460	5130	4910	39.6	137.8
ARYA TP 5P5 70EG.120-4M		120	6500	6110	5850	47	138.2
ARYA TP 5P5 70EG.140-4M		140	7500	7050	6750	54.9	136.6
ARYA TP 5P5 70EG.160-4M		160	8450	7950	7610	61.7	136.9
ARYA TP 5P5 70EG.180-4M		180	9340	8780	8410	69.7	134.0
ARYA TP 5P5 70EG.200-4M		200	10150	9540	9140	77.9	130.2

*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* (Tq=25°C, 4000K, 100% of flux)	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 100% of flux)
ARYA TP 5P5 70EG.090-2M	S05 S07 STA STA1	2220lm 17.3W 81mA (90%)	2220lm 19.1W 90mA (100%)
ARYA TP 5P5 70EG.100-2M		2460lm 19.1W 90mA (90%)	2460lm 21.2W 100mA (100%)
ARYA TP 5P5 70EG.120-2M		2940lm 22.1W 108mA (90%)	2930lm 24.5W 120mA (100%)
ARYA TP 5P5 70EG.140-2M		3390lm 25.5W 125mA (89%)	3390lm 28.7W 140mA (100%)
ARYA TP 5P5 70EG.160-2M		3840lm 28.2W 143mA (89%)	3830lm 31.7W 160mA (100%)
ARYA TP 5P5 70EG.180-2M		4260lm 31.7W 160mA (88%)	4240lm 35.8W 180mA (100%)
ARYA TP 5P5 70EG.200-2M	STE-M STE-S STU-M STU-S STW	4600lm 34.8W 175mA (87%)	4600lm 40W 200mA (100%)
ARYA TP 5P5 70EG.090-2M		2260lm 17.3W 81mA (90%)	2250lm 19.1W 90mA (100%)
ARYA TP 5P5 70EG.100-2M		2500lm 19.1W 90mA (90%)	2490lm 21.2W 100mA (100%)
ARYA TP 5P5 70EG.120-2M		2980lm 22.1W 108mA (90%)	2970lm 24.5W 120mA (100%)
ARYA TP 5P5 70EG.140-2M		3430lm 25.5W 125mA (89%)	3430lm 28.7W 140mA (100%)
ARYA TP 5P5 70EG.160-2M		3880lm 28.2W 143mA (89%)	3870lm 31.7W 160mA (100%)
ARYA TP 5P5 70EG.180-2M		4300lm 31.7W 160mA (88%)	4280lm 35.8W 180mA (100%)
ARYA TP 5P5 70EG.200-2M	S	4670lm 35W 176mA (88%)	4650lm 40W 200mA (100%)
ARYA TP 5P5 70EG.060-4M		3030lm 22.1W 54mA (90%)	3010lm 24.4W 60mA (100%)
ARYA TP 5P5 70EG.070-4M		3500lm 25.5W 63mA (90%)	3490lm 28.2W 70mA (100%)
ARYA TP 5P5 70EG.080-4M		3980lm 28.9W 72mA (90%)	3960lm 31.9W 80mA (100%)
ARYA TP 5P5 70EG.090-4M		4460lm 32.3W 81mA (90%)	4440lm 35.8W 90mA (100%)
ARYA TP 5P5 70EG.100-4M		4930lm 35.8W 90mA (90%)	4910lm 39.6W 100mA (100%)
ARYA TP 5P5 70EG.120-4M		5880lm 42.4W 108mA (90%)	5850lm 47W 120mA (100%)
ARYA TP 5P5 70EG.140-4M		6750lm 49W 125mA (89%)	6750lm 54.9W 140mA (100%)
ARYA TP 5P5 70EG.160-4M		7650lm 55W 143mA (89%)	7610lm 61.7W 160mA (100%)
ARYA TP 5P5 70EG.180-4M		8410lm 61.3W 159mA (88%)	8410lm 69.7W 180mA (100%)
ARYA TP 5P5 70EG.200-4M		9170lm 68.1W 176mA (88%)	9140lm 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)		
ARYA TP 5P5 70EG.090-2M	S05 S07 STA STA1	2460lm	19.1W	90mA (100%)	1860lm	16.1W	75mA (83%)
ARYA TP 5P5 70EG.100-2M		2730lm	21.2W	100mA (100%)	2050lm	17.7W	83mA (83%)
ARYA TP 5P5 70EG.120-2M		3260lm	24.5W	120mA (100%)	2460lm	21.2W	100mA (83%)
ARYA TP 5P5 70EG.140-2M		3770lm	28.7W	140mA (100%)	2840lm	23.7W	116mA (82%)
ARYA TP 5P5 70EG.160-2M		4260lm	31.7W	160mA (100%)	3210lm	27W	132mA (82%)
ARYA TP 5P5 70EG.180-2M		4710lm	35.8W	180mA (100%)	3550lm	29W	147mA (81%)
ARYA TP 5P5 70EG.200-2M	STE-M STE-S STU-M STU-S STW	5110lm	40W	200mA (100%)	3850lm	31.9W	161mA (80%)
ARYA TP 5P5 70EG.090-2M		2500lm	19.1W	90mA (100%)	1890lm	16.1W	75mA (83%)
ARYA TP 5P5 70EG.100-2M		2770lm	21.2W	100mA (100%)	2080lm	17.7W	83mA (83%)
ARYA TP 5P5 70EG.120-2M		3300lm	24.5W	120mA (100%)	2490lm	21.2W	100mA (83%)
ARYA TP 5P5 70EG.140-2M		3810lm	28.7W	140mA (100%)	2870lm	23.7W	116mA (82%)
ARYA TP 5P5 70EG.160-2M		4300lm	31.7W	160mA (100%)	3250lm	27W	132mA (82%)
ARYA TP 5P5 70EG.180-2M		4750lm	35.8W	180mA (100%)	3590lm	29W	147mA (81%)
ARYA TP 5P5 70EG.200-2M	S	5170lm	40W	200mA (100%)	3890lm	31.9W	161mA (80%)
ARYA TP 5P5 70EG.060-4M		3350lm	24.4W	60mA (100%)	2540lm	20.7W	50mA (83%)
ARYA TP 5P5 70EG.070-4M		3870lm	28.2W	70mA (100%)	2920lm	23.6W	58mA (82%)
ARYA TP 5P5 70EG.080-4M		4400lm	31.9W	80mA (100%)	3300lm	26.6W	66mA (82%)
ARYA TP 5P5 70EG.090-4M		4930lm	35.8W	90mA (100%)	3730lm	30W	75mA (83%)
ARYA TP 5P5 70EG.100-4M		5460lm	39.6W	100mA (100%)	4110lm	33.1W	83mA (83%)
ARYA TP 5P5 70EG.120-4M		6500lm	47W	120mA (100%)	4910lm	39.6W	100mA (83%)
ARYA TP 5P5 70EG.140-4M		7500lm	54.9W	140mA (100%)	5660lm	45.5W	116mA (82%)
ARYA TP 5P5 70EG.160-4M		8450lm	61.7W	160mA (100%)	6350lm	51.3W	131mA (81%)
ARYA TP 5P5 70EG.180-4M		9340lm	69.7W	180mA (100%)	7010lm	56.2W	146mA (81%)
ARYA TP 5P5 70EG.200-4M		10150lm	77.9W	200mA (100%)	7650lm	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)		
ARYA TP 5P5 70EG.090-2M	S05 S07 STA STA1	2460lm	19.1W	90mA (100%)	1860lm	15.5W		1240lm	11.1W	49mA (54%)
ARYA TP 5P5 70EG.100-2M		2730lm	21.2W	100mA (100%)	2060lm	17.1W		1380lm	12.2W	55mA (55%)
ARYA TP 5P5 70EG.120-2M		3260lm	24.5W	120mA (100%)	2470lm	20.4W		1640lm	14.3W	66mA (55%)
ARYA TP 5P5 70EG.140-2M		3770lm	28.7W	140mA (100%)	2840lm	22.7W		1900lm	16.5W	77mA (55%)
ARYA TP 5P5 70EG.160-2M		4260lm	31.7W	160mA (100%)	3210lm	25.7W		2140lm	18.5W	87mA (54%)
ARYA TP 5P5 70EG.180-2M		4710lm	35.8W	180mA (100%)	3540lm	28.7W		2360lm	20.4W	96mA (53%)
ARYA TP 5P5 70EG.200-2M	STE-M STE-S STU-M STU-S STW	5110lm	40W	200mA (100%)	3840lm	30.3W		2580lm	21.4W	105mA (52%)
ARYA TP 5P5 70EG.090-2M		2500lm	19.1W	90mA (100%)	1900lm	15.5W		1260lm	11.1W	49mA (54%)
ARYA TP 5P5 70EG.100-2M		2770lm	21.2W	100mA (100%)	2100lm	17.1W		1400lm	12.2W	55mA (55%)
ARYA TP 5P5 70EG.120-2M		3300lm	24.5W	120mA (100%)	2480lm	20.2W		1650lm	14.1W	65mA (54%)
ARYA TP 5P5 70EG.140-2M		3810lm	28.7W	140mA (100%)	2880lm	22.7W		1910lm	16.3W	76mA (54%)
ARYA TP 5P5 70EG.160-2M		4300lm	31.7W	160mA (100%)	3250lm	25.7W		2150lm	18.3W	86mA (53%)
ARYA TP 5P5 70EG.180-2M		4750lm	35.8W	180mA (100%)	3580lm	28.7W		2400lm	20.4W	96mA (53%)
ARYA TP 5P5 70EG.200-2M	S	5170lm	40W	200mA (100%)	3880lm	30.3W		2590lm	21.2W	104mA (52%)
ARYA TP 5P5 70EG.060-4M		3350lm	24.4W	60mA (100%)	2550lm	19.9W		1700lm	14W	32mA (53%)
ARYA TP 5P5 70EG.070-4M		3870lm	28.2W	70mA (100%)	2950lm	22.9W		1980lm	16.2W	38mA (54%)
ARYA TP 5P5 70EG.080-4M		4400lm	31.9W	80mA (100%)	3340lm	25.9W		2210lm	18.1W	43mA (53%)
ARYA TP 5P5 70EG.090-4M		4930lm	35.8W	90mA (100%)	3740lm	28.9W		2490lm	20.3W	49mA (54%)
ARYA TP 5P5 70EG.100-4M		5460lm	39.6W	100mA (100%)	4140lm	31.9W		2730lm	22.1W	54mA (54%)
ARYA TP 5P5 70EG.120-4M		6500lm	47W	120mA (100%)	4890lm	37.7W		3250lm	26.3W	65mA (54%)
ARYA TP 5P5 70EG.140-4M		7500lm	54.9W	140mA (100%)	5670lm	43.5W		3770lm	30.4W	76mA (54%)
ARYA TP 5P5 70EG.160-4M		8450lm	61.7W	160mA (100%)	6350lm	49W		4250lm	34.2W	86mA (53%)
ARYA TP 5P5 70EG.180-4M		9340lm	69.7W	180mA (100%)	7050lm	54.9W		4680lm	37.7W	95mA (52%)
ARYA TP 5P5 70EG.200-4M		10150lm	77.9W	200mA (100%)	7640lm	59W		5100lm	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.

ARYA TP 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)
ARYA TP 4P4 70EG.120-2M	S05 S07 STE-M STU-M	120	2640	2480	2370	19.6	134.6
ARYA TP 4P4 70EG.140-2M		140	3050	2870	2750	23	132.6
ARYA TP 4P4 70EG.160-2M		160	3440	3240	3100	25.4	135.4
ARYA TP 4P4 70EG.180-2M		180	3800	3580	3420	28.7	132.4
ARYA TP 4P4 70EG.200-2M		200	4130	3880	3720	31.9	129.4
ARYA TP 4P4 70EG.120-2M	STA STA1 STE-S STU-S	120	2610	2450	2350	19.6	133.1
ARYA TP 4P4 70EG.140-2M		140	3010	2830	2710	23	130.8
ARYA TP 4P4 70EG.160-2M		160	3390	3190	3050	25.4	133.4
ARYA TP 4P4 70EG.180-2M		180	3750	3530	3380	28.7	130.6
ARYA TP 4P4 70EG.200-2M		200	4080	3840	3670	31.9	127.8
ARYA TP 4P4 70EG.120-2M	STW	120	2670	2510	2400	19.6	136.2
ARYA TP 4P4 70EG.140-2M		140	3080	2900	2770	23	133.9
ARYA TP 4P4 70EG.160-2M		160	3470	3270	3130	25.4	136.6
ARYA TP 4P4 70EG.180-2M		180	3840	3610	3460	28.7	133.7
ARYA TP 4P4 70EG.200-2M		200	4180	3930	3760	31.9	131.0
ARYA TP 4P4 70EG.080-4M	S	80	3560	3340	3200	25.7	138.5
ARYA TP 4P4 70EG.090-4M		90	3980	3750	3590	28.7	138.6
ARYA TP 4P4 70EG.100-4M		100	4410	4150	3970	31.8	138.6
ARYA TP 4P4 70EG.120-4M		120	5250	4930	4720	37.7	139.2
ARYA TP 4P4 70EG.140-4M		140	6060	5700	5450	44	137.7
ARYA TP 4P4 70EG.160-4M		160	6830	6420	6150	49.5	137.9
ARYA TP 4P4 70EG.180-4M		180	7550	7100	6800	55.9	135.0
ARYA TP 4P4 70EG.200-4M		200	8210	7720	7390	62.3	131.7

*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* (Tq=25°C, 4000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 100% of flux)		
ARYA TP 4P4 70EG.120-2M	S05 S07 STE-M STU-M	2380lm	17.7W	108mA (90%)	2370lm	19.6W	120mA (100%)
ARYA TP 4P4 70EG.140-2M		2760lm	20.6W	126mA (90%)	2750lm	23W	140mA (100%)
ARYA TP 4P4 70EG.160-2M		3110lm	22.6W	143mA (89%)	3100lm	25.4W	160mA (100%)
ARYA TP 4P4 70EG.180-2M		3440lm	25.4W	160mA (88%)	3420lm	28.7W	180mA (100%)
ARYA TP 4P4 70EG.200-2M		3730lm	28W	176mA (88%)	3720lm	31.9W	200mA (100%)
ARYA TP 4P4 70EG.120-2M	STA STA1 STE-S STU-S	2360lm	17.7W	108mA (90%)	2350lm	19.6W	120mA (100%)
ARYA TP 4P4 70EG.140-2M		2710lm	20.5W	125mA (89%)	2710lm	23W	140mA (100%)
ARYA TP 4P4 70EG.160-2M		3050lm	22.5W	142mA (88%)	3050lm	25.4W	160mA (100%)
ARYA TP 4P4 70EG.180-2M		3380lm	25.3W	159mA (88%)	3380lm	28.7W	180mA (100%)
ARYA TP 4P4 70EG.200-2M		3680lm	28W	176mA (88%)	3670lm	31.9W	200mA (100%)
ARYA TP 4P4 70EG.120-2M	STW	2410lm	17.7W	108mA (90%)	2400lm	19.6W	120mA (100%)
ARYA TP 4P4 70EG.140-2M		2770lm	20.5W	125mA (89%)	2770lm	23W	140mA (100%)
ARYA TP 4P4 70EG.160-2M		3140lm	22.6W	143mA (89%)	3130lm	25.4W	160mA (100%)
ARYA TP 4P4 70EG.180-2M		3470lm	25.4W	160mA (88%)	3460lm	28.7W	180mA (100%)
ARYA TP 4P4 70EG.200-2M		3770lm	28W	176mA (88%)	3760lm	31.9W	200mA (100%)
ARYA TP 4P4 70EG.080-4M	S	3220lm	23.3W	72mA (90%)	3200lm	25.7W	80mA (100%)
ARYA TP 4P4 70EG.090-4M		3600lm	26W	81mA (90%)	3590lm	28.7W	90mA (100%)
ARYA TP 4P4 70EG.100-4M		3980lm	28.7W	90mA (90%)	3970lm	31.8W	100mA (100%)
ARYA TP 4P4 70EG.120-4M		4750lm	34W	108mA (90%)	4720lm	37.7W	120mA (100%)
ARYA TP 4P4 70EG.140-4M		5450lm	39.2W	125mA (89%)	5450lm	44W	140mA (100%)
ARYA TP 4P4 70EG.160-4M		6180lm	44.1W	143mA (89%)	6150lm	49.5W	160mA (100%)
ARYA TP 4P4 70EG.180-4M		6830lm	49.5W	160mA (88%)	6800lm	55.9W	180mA (100%)
ARYA TP 4P4 70EG.200-4M		7410lm	54.6W	176mA (88%)	7390lm	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)		
ARYA TP 4P4 70EG.120-2M	S05	2640lm	19.6W	120mA (100%)	1990lm	17W	100mA (83%)
ARYA TP 4P4 70EG.140-2M		3050lm	23W	140mA (100%)	2300lm	19W	116mA (82%)
ARYA TP 4P4 70EG.160-2M	STE-M	3440lm	25.4W	160mA (100%)	2580lm	21.5W	131mA (81%)
ARYA TP 4P4 70EG.180-2M		3800lm	28.7W	180mA (100%)	2850lm	23.1W	146mA (81%)
ARYA TP 4P4 70EG.200-2M	STU-M	4130lm	31.9W	200mA (100%)	3100lm	25.4W	160mA (80%)
ARYA TP 4P4 70EG.120-2M	STA	2610lm	19.6W	120mA (100%)	1970lm	17W	100mA (83%)
ARYA TP 4P4 70EG.140-2M		3010lm	23W	140mA (100%)	2270lm	19W	116mA (82%)
ARYA TP 4P4 70EG.160-2M	STA1	3390lm	25.4W	160mA (100%)	2550lm	21.5W	131mA (81%)
ARYA TP 4P4 70EG.180-2M	STE-S	3750lm	28.7W	180mA (100%)	2830lm	23.3W	147mA (81%)
ARYA TP 4P4 70EG.200-2M		4080lm	31.9W	200mA (100%)	3070lm	25.6W	161mA (80%)
ARYA TP 4P4 70EG.120-2M	STW	2670lm	19.6W	120mA (100%)	2020lm	17W	100mA (83%)
ARYA TP 4P4 70EG.140-2M		3080lm	23W	140mA (100%)	2320lm	19W	116mA (82%)
ARYA TP 4P4 70EG.160-2M	S	3470lm	25.4W	160mA (100%)	2610lm	21.5W	131mA (81%)
ARYA TP 4P4 70EG.180-2M		3840lm	28.7W	180mA (100%)	2880lm	23.1W	146mA (81%)
ARYA TP 4P4 70EG.200-2M	S	4180lm	31.9W	200mA (100%)	3140lm	25.6W	161mA (80%)
ARYA TP 4P4 70EG.080-4M		3560lm	25.7W	80mA (100%)	2700lm	21.9W	67mA (83%)
ARYA TP 4P4 70EG.090-4M	S	3980lm	28.7W	90mA (100%)	3010lm	24.2W	75mA (83%)
ARYA TP 4P4 70EG.100-4M		4410lm	31.8W	100mA (100%)	3320lm	26.6W	83mA (83%)
ARYA TP 4P4 70EG.120-4M	S	5250lm	37.7W	120mA (100%)	3970lm	31.8W	100mA (83%)
ARYA TP 4P4 70EG.140-4M		6060lm	44W	140mA (100%)	4570lm	36.4W	116mA (82%)
ARYA TP 4P4 70EG.160-4M	S	6830lm	49.5W	160mA (100%)	5130lm	41.1W	131mA (81%)
ARYA TP 4P4 70EG.180-4M		7550lm	55.9W	180mA (100%)	5670lm	45W	146mA (81%)
ARYA TP 4P4 70EG.200-4M	S	8210lm	62.3W	200mA (100%)	6180lm	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)		
ARYA TP 4P4 70EG.120-2M	S05	2640lm	19.6W	120mA (100%)	1980lm	16.2W		1330lm	11.6W	66mA (55%)
ARYA TP 4P4 70EG.140-2M		3050lm	23W	140mA (100%)	2300lm	18.2W		1540lm	13.3W	77mA (55%)
ARYA TP 4P4 70EG.160-2M	STE-M	3440lm	25.4W	160mA (100%)	2580lm	20.5W		1720lm	14.7W	86mA (53%)
ARYA TP 4P4 70EG.180-2M		3800lm	28.7W	180mA (100%)	2850lm	22.8W		1910lm	16.3W	96mA (53%)
ARYA TP 4P4 70EG.200-2M	STU-M	4130lm	31.9W	200mA (100%)	3110lm	24.3W		2070lm	17W	104mA (52%)
ARYA TP 4P4 70EG.120-2M	STA	2610lm	19.6W	120mA (100%)	1960lm	16.2W		1320lm	11.6W	66mA (55%)
ARYA TP 4P4 70EG.140-2M		3010lm	23W	140mA (100%)	2260lm	18W		1510lm	13.1W	76mA (54%)
ARYA TP 4P4 70EG.160-2M	STA1	3390lm	25.4W	160mA (100%)	2550lm	20.5W		1700lm	14.7W	86mA (53%)
ARYA TP 4P4 70EG.180-2M	STE-S	3750lm	28.7W	180mA (100%)	2830lm	23W		1880lm	16.2W	95mA (52%)
ARYA TP 4P4 70EG.200-2M		4080lm	31.9W	200mA (100%)	3070lm	24.3W		2050lm	17W	104mA (52%)
ARYA TP 4P4 70EG.120-2M	STW	2670lm	19.6W	120mA (100%)	2020lm	16.3W		1350lm	11.6W	66mA (55%)
ARYA TP 4P4 70EG.140-2M		3080lm	23W	140mA (100%)	2310lm	18W		1550lm	13.1W	76mA (54%)
ARYA TP 4P4 70EG.160-2M	S	3470lm	25.4W	160mA (100%)	2610lm	20.5W		1740lm	14.7W	86mA (53%)
ARYA TP 4P4 70EG.180-2M		3840lm	28.7W	180mA (100%)	2880lm	22.8W		1920lm	16.2W	95mA (52%)
ARYA TP 4P4 70EG.200-2M	S	4180lm	31.9W	200mA (100%)	3140lm	24.3W		2090lm	17W	104mA (52%)
ARYA TP 4P4 70EG.080-4M		3560lm	25.7W	80mA (100%)	2700lm	21W		1790lm	14.9W	43mA (53%)
ARYA TP 4P4 70EG.090-4M	S	3980lm	28.7W	90mA (100%)	3020lm	23.3W		2010lm	16.6W	49mA (54%)
ARYA TP 4P4 70EG.100-4M		4410lm	31.8W	100mA (100%)	3340lm	25.7W		2240lm	18.4W	55mA (55%)
ARYA TP 4P4 70EG.120-4M	S	5250lm	37.7W	120mA (100%)	3950lm	30.3W		2660lm	21.6W	66mA (55%)
ARYA TP 4P4 70EG.140-4M		6060lm	44W	140mA (100%)	4580lm	34.9W		3050lm	24.5W	76mA (54%)
ARYA TP 4P4 70EG.160-4M	S	6830lm	49.5W	160mA (100%)	5130lm	39.2W		3430lm	27.5W	86mA (53%)
ARYA TP 4P4 70EG.180-4M		7550lm	55.9W	180mA (100%)	5700lm	44W		3780lm	30.3W	95mA (52%)
ARYA TP 4P4 70EG.200-4M	S	8210lm	62.3W	200mA (100%)	6170lm	47.2W		4120lm	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.