

ARYA TS TW

MAIN CHARACTERISTICS

Applications	Street and urban lighting.
Optic	S: Symmetrical optic for urban lighting and green areas. TS: Symmetrical optic for centre road lighting. Colour temperature adjustable: DF: 3000K ÷ 2200K, DE: 2700K ÷ 2200K, EG: 4000K ÷ 2700K (others on request) CRI≥70 LOR= 100%, DLOR= 100%, ULOR= 0% Photobiological safety class: EXEMPT GROUP
Insulation class	II, I
Protection degree	IP667IP67 IK08 total
Dimensions	See the drawing
Weight	max 7.5 kg
Exposed surface	Side: 0.04m ² – Top: 0.17m ² SCx: 0.03 m ²
Mounting	Suspended installation on cable Ø5-12mm. Inclination on horizontal plane: ±15°. Rotation: 360° on vertical axis.
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

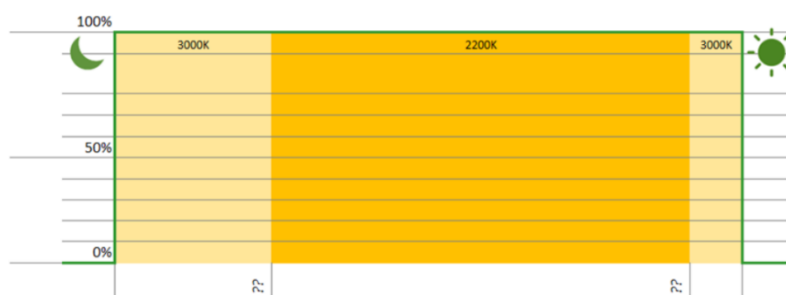
Rated voltage	220+240V 50/60Hz
Power factor	>0,9 (at full load)
Mains connection	Cable H07RN-F nx1mm ² Optional: connector M/F IP66/68 for cables max. 2,5mm ² , Ø max. 14mm
Surge protection	Up to 12kV With SPD: CL.II: 10kV / 10kV CM/DM CL.I: 12kV / 10kV CM/DM Without SPD: CL.II: 10kV / 6kV CM/DM CL.I: 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	Stainless steel AISI 316L
Body	Die-cast aluminium UNI EN1706 powder painted.
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

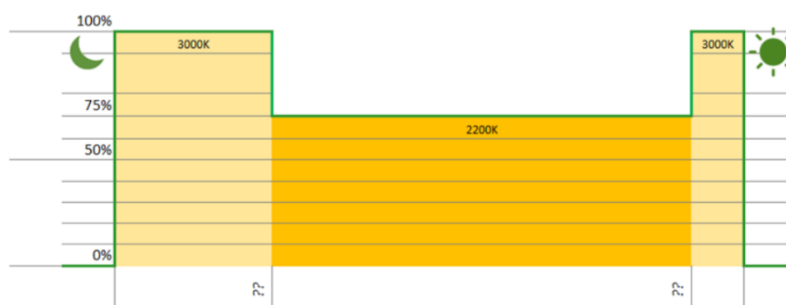
COLOR ADJUSTMENT PROFILES

TWC1

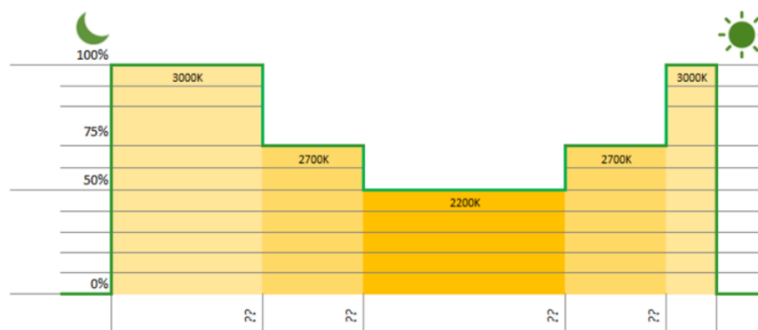


The TWC1 profile (Constant luminous flux profile with 1 color change) allows the use of Tunable White technology in contexts where it is necessary to guarantee the same level of luminous intensity throughout the night, but a change in color temperature is required at night.

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 illuminate

ARYA TS 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 TS 5P5 70DE.090-2M	TS	90	2350	2220	2110	19.1	123.0
ARYA TS 5P5 70DE.100-2M		100	2600	2460	2340	21.2	122.6
ARYA TS 5P5 70DE.120-2M		120	3100	2930	2790	24.5	126.5
ARYA TS 5P5 70DE.140-2M		140	3590	3390	3230	28.7	125.0
ARYA TS 5P5 70DE.160-2M		160	4050	3830	3650	31.7	127.7
ARYA TS 5P5 70DE.180-2M		180	4480	4230	4030	35.8	125.1
ARYA TS 5P5 70DE.200-2M		200	4870	4600	4380	40	121.7
ARYA TS 5P5 70DE.060-4M		60	3190	3010	2870	24.4	130.7
ARYA TS 5P5 70DE.070-4M		70	3690	3490	3320	28.2	130.8
ARYA TS 5P5 70DE.080-4M		80	4200	3960	3780	31.9	131.6
ARYA TS 5P5 70DE.090-4M		90	4700	4440	4230	35.8	131.2
ARYA TS 5P5 70DE.100-4M		100	5200	4910	4680	39.6	131.3
ARYA TS 5P5 70DE.120-4M		120	6190	5850	5570	47	131.7
ARYA TS 5P5 70DE.140-4M		140	7150	6750	6430	54.9	130.2
ARYA TS 5P5 70DE.160-4M		160	8060	7610	7250	61.7	130.6
ARYA TS 5P5 70DE.180-4M		180	8900	8410	8010	69.7	127.6
ARYA TS 5P5 70DE.200-4M		200	9680	9140	8710	77.9	124.2
ARYA TS 5P5 70DE.060-4M	S	60	3120	2940	2810	24.4	127.8
ARYA TS 5P5 70DE.070-4M		70	3610	3410	3250	28.2	128.0
ARYA TS 5P5 70DE.080-4M		80	4100	3870	3690	31.9	128.5
ARYA TS 5P5 70DE.090-4M		90	4600	4340	4140	35.8	128.4
ARYA TS 5P5 70DE.100-4M		100	5090	4800	4580	39.6	128.5
ARYA TS 5P5 70DE.120-4M		120	6050	5710	5450	47	128.7
ARYA TS 5P5 70DE.140-4M		140	6980	6600	6290	54.9	127.1
ARYA TS 5P5 70DE.160-4M		160	7870	7440	7090	61.7	127.5
ARYA TS 5P5 70DE.180-4M		180	8700	8220	7830	69.7	124.8
ARYA TS 5P5 70DE.200-4M		200	9460	8930	8510	77.9	121.4

*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, 2700K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)		
ARYA TS 5P5 70DE.090-2M	TS	2120lm	17.3W	81mA (90%)	2110lm	19.1W	90mA (100%)
ARYA TS 5P5 70DE.100-2M		2350lm	19.1W	90mA (90%)	2340lm	21.2W	100mA (100%)
ARYA TS 5P5 70DE.120-2M		2800lm	22.1W	108mA (90%)	2790lm	24.5W	120mA (100%)
ARYA TS 5P5 70DE.140-2M		3230lm	25.5W	125mA (89%)	3230lm	28.7W	140mA (100%)
ARYA TS 5P5 70DE.160-2M		3660lm	28.2W	143mA (89%)	3650lm	31.7W	160mA (100%)
ARYA TS 5P5 70DE.180-2M		4030lm	31.5W	159mA (88%)	4030lm	35.8W	180mA (100%)
ARYA TS 5P5 70DE.200-2M		4380lm	34.8W	175mA (87%)	4380lm	40W	200mA (100%)
ARYA TS 5P5 70DE.060-4M		2880lm	22.1W	54mA (90%)	2870lm	24.4W	60mA (100%)
ARYA TS 5P5 70DE.070-4M		3340lm	25.5W	63mA (90%)	3320lm	28.2W	70mA (100%)
ARYA TS 5P5 70DE.080-4M		3790lm	28.9W	72mA (90%)	3780lm	31.9W	80mA (100%)
ARYA TS 5P5 70DE.090-4M		4250lm	32.3W	81mA (90%)	4230lm	35.8W	90mA (100%)
ARYA TS 5P5 70DE.100-4M		4700lm	35.8W	90mA (90%)	4680lm	39.6W	100mA (100%)
ARYA TS 5P5 70DE.120-4M		5600lm	42.4W	108mA (90%)	5570lm	47W	120mA (100%)
ARYA TS 5P5 70DE.140-4M		6430lm	49W	125mA (89%)	6430lm	54.9W	140mA (100%)
ARYA TS 5P5 70DE.160-4M		7290lm	55W	143mA (89%)	7250lm	61.7W	160mA (100%)
ARYA TS 5P5 70DE.180-4M		8010lm	61.3W	159mA (88%)	8010lm	69.7W	180mA (100%)
ARYA TS 5P5 70DE.200-4M		8740lm	68.1W	176mA (88%)	8710lm	77.9W	200mA (100%)
ARYA TS 5P5 70DE.060-4M	S	2820lm	22.1W	54mA (90%)	2810lm	24.4W	60mA (100%)
ARYA TS 5P5 70DE.070-4M		3260lm	25.5W	63mA (90%)	3250lm	28.2W	70mA (100%)
ARYA TS 5P5 70DE.080-4M		3710lm	28.9W	72mA (90%)	3690lm	31.9W	80mA (100%)
ARYA TS 5P5 70DE.090-4M		4150lm	32.3W	81mA (90%)	4140lm	35.8W	90mA (100%)
ARYA TS 5P5 70DE.100-4M		4600lm	35.8W	90mA (90%)	4580lm	39.6W	100mA (100%)
ARYA TS 5P5 70DE.120-4M		5470lm	42.4W	108mA (90%)	5450lm	47W	120mA (100%)
ARYA TS 5P5 70DE.140-4M		6290lm	49W	125mA (89%)	6290lm	54.9W	140mA (100%)
ARYA TS 5P5 70DE.160-4M		7120lm	55W	143mA (89%)	7090lm	61.7W	160mA (100%)
ARYA TS 5P5 70DE.180-4M		7830lm	61.3W	159mA (88%)	7830lm	69.7W	180mA (100%)
ARYA TS 5P5 70DE.200-4M		8540lm	68.1W	176mA (88%)	8510lm	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 TS 5P5 70DE.090-2M	TS	2350lm	19.1W	90mA (100%)	1770lm	16.1W	75mA (83%)
ARYA TS 5P5 70DE.100-2M		2600lm	21.2W	100mA (100%)	1950lm	17.7W	83mA (83%)
ARYA TS 5P5 70DE.120-2M		3100lm	24.5W	120mA (100%)	2340lm	21.2W	100mA (83%)
ARYA TS 5P5 70DE.140-2M		3590lm	28.7W	140mA (100%)	2700lm	23.7W	116mA (82%)
ARYA TS 5P5 70DE.160-2M		4050lm	31.7W	160mA (100%)	3040lm	26.8W	131mA (81%)
ARYA TS 5P5 70DE.180-2M		4480lm	35.8W	180mA (100%)	3360lm	28.8W	146mA (81%)
ARYA TS 5P5 70DE.200-2M		4870lm	40W	200mA (100%)	3670lm	31.9W	161mA (80%)
ARYA TS 5P5 70DE.060-4M		3190lm	24.4W	60mA (100%)	2420lm	20.7W	50mA (83%)
ARYA TS 5P5 70DE.070-4M		3690lm	28.2W	70mA (100%)	2780lm	23.6W	58mA (82%)
ARYA TS 5P5 70DE.080-4M		4200lm	31.9W	80mA (100%)	3190lm	27W	67mA (83%)
ARYA TS 5P5 70DE.090-4M		4700lm	35.8W	90mA (100%)	3550lm	30W	75mA (83%)
ARYA TS 5P5 70DE.100-4M		5200lm	39.6W	100mA (100%)	3910lm	33.1W	83mA (83%)
ARYA TS 5P5 70DE.120-4M		6190lm	47W	120mA (100%)	4680lm	39.6W	100mA (83%)
ARYA TS 5P5 70DE.140-4M		7150lm	54.9W	140mA (100%)	5400lm	45.5W	116mA (82%)
ARYA TS 5P5 70DE.160-4M		8060lm	61.7W	160mA (100%)	6050lm	51.3W	131mA (81%)
ARYA TS 5P5 70DE.180-4M		8900lm	69.7W	180mA (100%)	6680lm	56.2W	146mA (81%)
ARYA TS 5P5 70DE.200-4M		9680lm	77.9W	200mA (100%)	7290lm	62.1W	161mA (80%)
ARYA TS 5P5 70DE.060-4M	S	3120lm	24.4W	60mA (100%)	2360lm	20.7W	50mA (83%)
ARYA TS 5P5 70DE.070-4M		3610lm	28.2W	70mA (100%)	2720lm	23.6W	58mA (82%)
ARYA TS 5P5 70DE.080-4M		4100lm	31.9W	80mA (100%)	3120lm	27W	67mA (83%)
ARYA TS 5P5 70DE.090-4M		4600lm	35.8W	90mA (100%)	3470lm	30W	75mA (83%)
ARYA TS 5P5 70DE.100-4M		5090lm	39.6W	100mA (100%)	3830lm	33.1W	83mA (83%)
ARYA TS 5P5 70DE.120-4M		6050lm	47W	120mA (100%)	4580lm	39.6W	100mA (83%)
ARYA TS 5P5 70DE.140-4M		6980lm	54.9W	140mA (100%)	5270lm	45.5W	116mA (82%)
ARYA TS 5P5 70DE.160-4M		7870lm	61.7W	160mA (100%)	5910lm	51.3W	131mA (81%)
ARYA TS 5P5 70DE.180-4M		8700lm	69.7W	180mA (100%)	6530lm	56.2W	146mA (81%)
ARYA TS 5P5 70DE.200-4M		9460lm	77.9W	200mA (100%)	7120lm	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 TS 5P5 70DE.090-2M	TS	2350lm	19.1W	90mA (100%)	1790lm	15.5W		1180lm	11.1W	49mA (54%)
ARYA TS 5P5 70DE.100-2M		2600lm	21.2W	100mA (100%)	1950lm	16.9W		1300lm	12W	54mA (54%)
ARYA TS 5P5 70DE.120-2M		3100lm	24.5W	120mA (100%)	2340lm	20.2W		1570lm	14.3W	66mA (55%)
ARYA TS 5P5 70DE.140-2M		3590lm	28.7W	140mA (100%)	2700lm	22.5W		1820lm	16.5W	77mA (55%)
ARYA TS 5P5 70DE.160-2M		4050lm	31.7W	160mA (100%)	3050lm	25.5W		2040lm	18.5W	87mA (54%)
ARYA TS 5P5 70DE.180-2M		4480lm	35.8W	180mA (100%)	3370lm	28.5W		2250lm	20.4W	96mA (53%)
ARYA TS 5P5 70DE.200-2M		4870lm	40W	200mA (100%)	3660lm	30W		2450lm	21.4W	105mA (52%)
ARYA TS 5P5 70DE.060-4M		3190lm	24.4W	60mA (100%)	2440lm	19.9W		1610lm	14W	32mA (53%)
ARYA TS 5P5 70DE.070-4M		3690lm	28.2W	70mA (100%)	2770lm	22.5W		1880lm	16.2W	38mA (54%)
ARYA TS 5P5 70DE.080-4M		4200lm	31.9W	80mA (100%)	3150lm	25.5W		2100lm	18.1W	43mA (53%)
ARYA TS 5P5 70DE.090-4M		4700lm	35.8W	90mA (100%)	3530lm	28.5W		2370lm	20.3W	49mA (54%)
ARYA TS 5P5 70DE.100-4M		5200lm	39.6W	100mA (100%)	3910lm	31.6W		2600lm	22.1W	54mA (54%)
ARYA TS 5P5 70DE.120-4M		6190lm	47W	120mA (100%)	4680lm	37.7W		3140lm	26.6W	66mA (55%)
ARYA TS 5P5 70DE.140-4M		7150lm	54.9W	140mA (100%)	5380lm	43.1W		3590lm	30.4W	76mA (54%)
ARYA TS 5P5 70DE.160-4M		8060lm	61.7W	160mA (100%)	6080lm	49W		4050lm	34.2W	86mA (53%)
ARYA TS 5P5 70DE.180-4M		8900lm	69.7W	180mA (100%)	6700lm	54.5W		4460lm	37.7W	95mA (52%)
ARYA TS 5P5 70DE.200-4M		9680lm	77.9W	200mA (100%)	7270lm	58.6W		4860lm	40.8W	104mA (52%)
ARYA TS 5P5 70DE.060-4M	S	3120lm	24.4W	60mA (100%)	2340lm	19.5W		1580lm	14W	32mA (53%)
ARYA TS 5P5 70DE.070-4M		3610lm	28.2W	70mA (100%)	2710lm	22.5W		1840lm	16.2W	38mA (54%)
ARYA TS 5P5 70DE.080-4M		4100lm	31.9W	80mA (100%)	3080lm	25.5W		2060lm	18.1W	43mA (53%)
ARYA TS 5P5 70DE.090-4M		4600lm	35.8W	90mA (100%)	3460lm	28.5W		2320lm	20.3W	49mA (54%)
ARYA TS 5P5 70DE.100-4M		5090lm	39.6W	100mA (100%)	3830lm	31.6W		2580lm	22.5W	55mA (55%)
ARYA TS 5P5 70DE.120-4M		6050lm	47W	120mA (100%)	4570lm	37.7W		3030lm	26.3W	65mA (54%)
ARYA TS 5P5 70DE.140-4M		6980lm	54.9W	140mA (100%)	5260lm	43.1W		3510lm	30.4W	76mA (54%)
ARYA TS 5P5 70DE.160-4M		7870lm	61.7W	160mA (100%)	5940lm	49W		3960lm	34.2W	86mA (53%)
ARYA TS 5P5 70DE.180-4M		8700lm	69.7W	180mA (100%)	6550lm	54.5W		4360lm	37.7W	95mA (52%)
ARYA TS 5P5 70DE.200-4M		9460lm	77.9W	200mA (100%)	7110lm	58.6W		4750lm	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 TS 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 TS 4P4 70DE.120-2M	TS	120	2510	2370	2260	19.6	128.0
ARYA TS 4P4 70DE.140-2M		140	2910	2750	2620	23	126.5
ARYA TS 4P4 70DE.160-2M		160	3280	3100	2950	25.4	129.1
ARYA TS 4P4 70DE.180-2M		180	3630	3430	3270	28.7	126.4
ARYA TS 4P4 70DE.200-2M		200	3940	3720	3550	31.9	123.5
ARYA TS 4P4 70DE.080-4M		80	3400	3210	3060	25.7	132.2
ARYA TS 4P4 70DE.090-4M		90	3810	3600	3430	28.7	132.7
ARYA TS 4P4 70DE.100-4M		100	4210	3980	3790	31.8	132.3
ARYA TS 4P4 70DE.120-4M		120	5010	4730	4510	37.7	132.8
ARYA TS 4P4 70DE.140-4M		140	5780	5460	5200	44	131.3
ARYA TS 4P4 70DE.160-4M		160	6510	6150	5860	49.5	131.5
ARYA TS 4P4 70DE.180-4M		180	7200	6800	6480	55.9	128.8
ARYA TS 4P4 70DE.200-4M		200	7830	7400	7050	62.3	125.6
ARYA TS 4P4 70DE.080-4M	S	3280	3100	2950	25.7	127.6	3280
ARYA TS 4P4 70DE.090-4M		3680	3470	3310	28.7	128.2	3680
ARYA TS 4P4 70DE.100-4M		4070	3840	3660	31.8	127.9	4070
ARYA TS 4P4 70DE.120-4M		4840	4570	4360	37.7	128.3	4840
ARYA TS 4P4 70DE.140-4M		5590	5280	5030	44	127.0	5590
ARYA TS 4P4 70DE.160-4M		6300	5950	5670	49.5	127.2	6300
ARYA TS 4P4 70DE.180-4M		6960	6580	6270	55.9	124.5	6960
ARYA TS 4P4 70DE.200-4M		7570	7150	6810	62.3	121.5	7570

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
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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 TS 4P4 70DE.120-2M	TS	2270lm 17.7W 108mA (90%)	2260lm 19.6W 120mA (100%)
ARYA TS 4P4 70DE.140-2M		2630lm 20.6W 126mA (90%)	2620lm 23W 140mA (100%)
ARYA TS 4P4 70DE.160-2M		2950lm 22.5W 142mA (88%)	2950lm 25.4W 160mA (100%)
ARYA TS 4P4 70DE.180-2M		3280lm 25.4W 160mA (88%)	3270lm 28.7W 180mA (100%)
ARYA TS 4P4 70DE.200-2M		3560lm 28W 176mA (88%)	3550lm 31.9W 200mA (100%)
ARYA TS 4P4 70DE.080-4M		3070lm 23.3W 72mA (90%)	3060lm 25.7W 80mA (100%)
ARYA TS 4P4 70DE.090-4M		3440lm 26W 81mA (90%)	3430lm 28.7W 90mA (100%)
ARYA TS 4P4 70DE.100-4M		3810lm 28.7W 90mA (90%)	3790lm 31.8W 100mA (100%)
ARYA TS 4P4 70DE.120-4M		4530lm 34W 108mA (90%)	4510lm 37.7W 120mA (100%)
ARYA TS 4P4 70DE.140-4M		5200lm 39.2W 125mA (89%)	5200lm 44W 140mA (100%)
ARYA TS 4P4 70DE.160-4M		5890lm 44.1W 143mA (89%)	5860lm 49.5W 160mA (100%)
ARYA TS 4P4 70DE.180-4M		6480lm 49.1W 159mA (88%)	6480lm 55.9W 180mA (100%)
ARYA TS 4P4 70DE.200-4M		7070lm 54.6W 176mA (88%)	7050lm 62.3W 200mA (100%)
ARYA TS 4P4 70DE.080-4M	S	2960lm 23.3W 72mA (90%)	2950lm 25.7W 80mA (100%)
ARYA TS 4P4 70DE.090-4M		3320lm 26W 81mA (90%)	3310lm 28.7W 90mA (100%)
ARYA TS 4P4 70DE.100-4M		3680lm 28.7W 90mA (90%)	3660lm 31.8W 100mA (100%)
ARYA TS 4P4 70DE.120-4M		4380lm 34W 108mA (90%)	4360lm 37.7W 120mA (100%)
ARYA TS 4P4 70DE.140-4M		5030lm 39.2W 125mA (89%)	5030lm 44W 140mA (100%)
ARYA TS 4P4 70DE.160-4M		5700lm 44.1W 143mA (89%)	5670lm 49.5W 160mA (100%)
ARYA TS 4P4 70DE.180-4M		6270lm 49.1W 159mA (88%)	6270lm 55.9W 180mA (100%)
ARYA TS 4P4 70DE.200-4M		6840lm 54.6W 176mA (88%)	6810lm 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 TS 4P4 70DE.120-2M	TS	2510lm	19.6W	120mA (100%)	1900lm	17W	100mA (83%)
ARYA TS 4P4 70DE.140-2M		2910lm	23W	140mA (100%)	2190lm	19W	116mA (82%)
ARYA TS 4P4 70DE.160-2M		3280lm	25.4W	160mA (100%)	2460lm	21.5W	131mA (81%)
ARYA TS 4P4 70DE.180-2M		3630lm	28.7W	180mA (100%)	2740lm	23.3W	147mA (81%)
ARYA TS 4P4 70DE.200-2M		3940lm	31.9W	200mA (100%)	2970lm	25.6W	161mA (80%)
ARYA TS 4P4 70DE.080-4M		3400lm	25.7W	80mA (100%)	2550lm	21.6W	66mA (82%)
ARYA TS 4P4 70DE.090-4M		3810lm	28.7W	90mA (100%)	2880lm	24.2W	75mA (83%)
ARYA TS 4P4 70DE.100-4M		4210lm	31.8W	100mA (100%)	3170lm	26.6W	83mA (83%)
ARYA TS 4P4 70DE.120-4M		5010lm	37.7W	120mA (100%)	3790lm	31.8W	100mA (83%)
ARYA TS 4P4 70DE.140-4M		5780lm	44W	140mA (100%)	4370lm	36.4W	116mA (82%)
ARYA TS 4P4 70DE.160-4M		6510lm	49.5W	160mA (100%)	4890lm	41.1W	131mA (81%)
ARYA TS 4P4 70DE.180-4M		7200lm	55.9W	180mA (100%)	5400lm	45W	146mA (81%)
ARYA TS 4P4 70DE.200-4M		7830lm	62.3W	200mA (100%)	5890lm	49.8W	161mA (80%)
ARYA TS 4P4 70DE.080-4M	S	3280lm	25.7W	80mA (100%)	2490lm	21.9W	67mA (83%)
ARYA TS 4P4 70DE.090-4M		3680lm	28.7W	90mA (100%)	2770lm	24.2W	75mA (83%)
ARYA TS 4P4 70DE.100-4M		4070lm	31.8W	100mA (100%)	3060lm	26.6W	83mA (83%)
ARYA TS 4P4 70DE.120-4M		4840lm	37.7W	120mA (100%)	3630lm	31.5W	99mA (82%)
ARYA TS 4P4 70DE.140-4M		5590lm	44W	140mA (100%)	4220lm	36.4W	116mA (82%)
ARYA TS 4P4 70DE.160-4M		6300lm	49.5W	160mA (100%)	4730lm	41.1W	131mA (81%)
ARYA TS 4P4 70DE.180-4M		6960lm	55.9W	180mA (100%)	5230lm	45W	146mA (81%)
ARYA TS 4P4 70DE.200-4M		7570lm	62.3W	200mA (100%)	5700lm	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 TS 4P4 70DE.120-2M	TS	2510lm	19.6W	120mA (100%)	1890lm	16.2W		1270lm	11.6W	66mA (55%)
ARYA TS 4P4 70DE.140-2M		2910lm	23W	140mA (100%)	2200lm	18.2W		1470lm	13.3W	77mA (55%)
ARYA TS 4P4 70DE.160-2M		3280lm	25.4W	160mA (100%)	2470lm	20.5W		1640lm	14.7W	86mA (53%)
ARYA TS 4P4 70DE.180-2M		3630lm	28.7W	180mA (100%)	2730lm	22.8W		1820lm	16.3W	96mA (53%)
ARYA TS 4P4 70DE.200-2M		3940lm	31.9W	200mA (100%)	2960lm	24.1W		1970lm	17W	104mA (52%)
ARYA TS 4P4 70DE.080-4M		3400lm	25.7W	80mA (100%)	2560lm	20.7W		1700lm	14.9W	43mA (53%)
ARYA TS 4P4 70DE.090-4M		3810lm	28.7W	90mA (100%)	2860lm	23W		1920lm	16.6W	49mA (54%)
ARYA TS 4P4 70DE.100-4M		4210lm	31.8W	100mA (100%)	3170lm	25.4W		2110lm	18.1W	54mA (54%)
ARYA TS 4P4 70DE.120-4M		5010lm	37.7W	120mA (100%)	3790lm	30.3W		2510lm	21.3W	65mA (54%)
ARYA TS 4P4 70DE.140-4M		5780lm	44W	140mA (100%)	4360lm	34.6W		2910lm	24.5W	76mA (54%)
ARYA TS 4P4 70DE.160-4M		6510lm	49.5W	160mA (100%)	4910lm	39.2W		3280lm	27.5W	86mA (53%)
ARYA TS 4P4 70DE.180-4M		7200lm	55.9W	180mA (100%)	5420lm	43.7W		3610lm	30.3W	95mA (52%)
ARYA TS 4P4 70DE.200-4M		7830lm	62.3W	200mA (100%)	5880lm	46.9W		3940lm	32.7W	104mA (52%)
ARYA TS 4P4 70DE.080-4M	S	3280lm	25.7W	80mA (100%)	2460lm	20.7W		1640lm	14.9W	43mA (53%)
ARYA TS 4P4 70DE.090-4M		3680lm	28.7W	90mA (100%)	2760lm	23W		1850lm	16.6W	49mA (54%)
ARYA TS 4P4 70DE.100-4M		4070lm	31.8W	100mA (100%)	3060lm	25.4W		2070lm	18.4W	55mA (55%)
ARYA TS 4P4 70DE.120-4M		4840lm	37.7W	120mA (100%)	3660lm	30.3W		2420lm	21.3W	65mA (54%)
ARYA TS 4P4 70DE.140-4M		5590lm	44W	140mA (100%)	4210lm	34.6W		2810lm	24.5W	76mA (54%)
ARYA TS 4P4 70DE.160-4M		6300lm	49.5W	160mA (100%)	4750lm	39.2W		3170lm	27.5W	86mA (53%)
ARYA TS 4P4 70DE.180-4M		6960lm	55.9W	180mA (100%)	5240lm	43.7W		3480lm	30.3W	95mA (52%)
ARYA TS 4P4 70DE.200-4M		7570lm	62.3W	200mA (100%)	5690lm	46.9W		3800lm	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 TS 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 TS 5P5 70DF.090-2M	TS	90	2450	2350	2110	19.1	128.2
ARYA TS 5P5 70DF.100-2M		100	2720	2600	2340	21.2	128.3
ARYA TS 5P5 70DF.120-2M		120	3240	3100	2790	24.5	132.2
ARYA TS 5P5 70DF.140-2M		140	3750	3590	3230	28.7	130.6
ARYA TS 5P5 70DF.160-2M		160	4230	4050	3650	31.7	133.4
ARYA TS 5P5 70DF.180-2M		180	4680	4480	4030	35.8	130.7
ARYA TS 5P5 70DF.200-2M		200	5090	4870	4380	40	127.2
ARYA TS 5P5 70DF.060-4M		60	3330	3190	2870	24.4	136.4
ARYA TS 5P5 70DF.070-4M		70	3850	3690	3320	28.2	136.5
ARYA TS 5P5 70DF.080-4M		80	4380	4200	3780	31.9	137.3
ARYA TS 5P5 70DF.090-4M		90	4910	4700	4230	35.8	137.1
ARYA TS 5P5 70DF.100-4M		100	5430	5200	4680	39.6	137.1
ARYA TS 5P5 70DF.120-4M		120	6470	6190	5570	47	137.6
ARYA TS 5P5 70DF.140-4M		140	7460	7150	6430	54.9	135.8
ARYA TS 5P5 70DF.160-4M		160	8410	8060	7250	61.7	136.3
ARYA TS 5P5 70DF.180-4M		180	9300	8900	8010	69.7	133.4
ARYA TS 5P5 70DF.200-4M		200	10110	9680	8710	77.9	129.7
ARYA TS 5P5 70DF.060-4M	S	60	3260	3120	2810	24.4	133.6
ARYA TS 5P5 70DF.070-4M		70	3770	3610	3250	28.2	133.6
ARYA TS 5P5 70DF.080-4M		80	4280	4100	3690	31.9	134.1
ARYA TS 5P5 70DF.090-4M		90	4800	4600	4140	35.8	134.0
ARYA TS 5P5 70DF.100-4M		100	5310	5090	4580	39.6	134.0
ARYA TS 5P5 70DF.120-4M		120	6320	6050	5450	47	134.4
ARYA TS 5P5 70DF.140-4M		140	7290	6980	6290	54.9	132.7
ARYA TS 5P5 70DF.160-4M		160	8220	7870	7090	61.7	133.2
ARYA TS 5P5 70DF.180-4M		180	9090	8700	7830	69.7	130.4
ARYA TS 5P5 70DF.200-4M		200	9880	9460	8510	77.9	126.8

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 3000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)		
ARYA TS 5P5 70DF.090-2M	TS	2110lm	16.5W	77mA (85%)	2110lm	19.1W	90mA (100%)
ARYA TS 5P5 70DF.100-2M		2350lm	18.3W	86mA (86%)	2340lm	21.2W	100mA (100%)
ARYA TS 5P5 70DF.120-2M		2800lm	21W	103mA (85%)	2790lm	24.5W	120mA (100%)
ARYA TS 5P5 70DF.140-2M		3240lm	24.5W	120mA (85%)	3230lm	28.7W	140mA (100%)
ARYA TS 5P5 70DF.160-2M		3650lm	27.8W	136mA (85%)	3650lm	31.7W	160mA (100%)
ARYA TS 5P5 70DF.180-2M		4040lm	30W	152mA (84%)	4030lm	35.8W	180mA (100%)
ARYA TS 5P5 70DF.200-2M		4400lm	33.1W	167mA (83%)	4380lm	40W	200mA (100%)
ARYA TS 5P5 70DF.060-4M		2910lm	21.4W	52mA (86%)	2870lm	24.4W	60mA (100%)
ARYA TS 5P5 70DF.070-4M		3330lm	24.4W	60mA (85%)	3320lm	28.2W	70mA (100%)
ARYA TS 5P5 70DF.080-4M		3800lm	27.8W	69mA (86%)	3780lm	31.9W	80mA (100%)
ARYA TS 5P5 70DF.090-4M		4280lm	31.2W	78mA (86%)	4230lm	35.8W	90mA (100%)
ARYA TS 5P5 70DF.100-4M		4700lm	34.2W	86mA (86%)	4680lm	39.6W	100mA (100%)
ARYA TS 5P5 70DF.120-4M		5590lm	40.4W	103mA (85%)	5570lm	47W	120mA (100%)
ARYA TS 5P5 70DF.140-4M		6470lm	47W	120mA (85%)	6430lm	54.9W	140mA (100%)
ARYA TS 5P5 70DF.160-4M		7270lm	53.3W	136mA (85%)	7250lm	61.7W	160mA (100%)
ARYA TS 5P5 70DF.180-4M		8040lm	58.6W	152mA (84%)	8010lm	69.7W	180mA (100%)
ARYA TS 5P5 70DF.200-4M		8730lm	64.5W	167mA (83%)	8710lm	77.9W	200mA (100%)
ARYA TS 5P5 70DF.060-4M	S	2850lm	21.4W	52mA (86%)	2810lm	24.4W	60mA (100%)
ARYA TS 5P5 70DF.070-4M		3260lm	24.4W	60mA (85%)	3250lm	28.2W	70mA (100%)
ARYA TS 5P5 70DF.080-4M		3720lm	27.8W	69mA (86%)	3690lm	31.9W	80mA (100%)
ARYA TS 5P5 70DF.090-4M		4180lm	31.2W	78mA (86%)	4140lm	35.8W	90mA (100%)
ARYA TS 5P5 70DF.100-4M		4590lm	34.2W	86mA (86%)	4580lm	39.6W	100mA (100%)
ARYA TS 5P5 70DF.120-4M		5460lm	40.4W	103mA (85%)	5450lm	47W	120mA (100%)
ARYA TS 5P5 70DF.140-4M		6320lm	47W	120mA (85%)	6290lm	54.9W	140mA (100%)
ARYA TS 5P5 70DF.160-4M		7100lm	53.3W	136mA (85%)	7090lm	61.7W	160mA (100%)
ARYA TS 5P5 70DF.180-4M		7860lm	58.6W	152mA (84%)	7830lm	69.7W	180mA (100%)
ARYA TS 5P5 70DF.200-4M		8530lm	64.5W	167mA (83%)	8510lm	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 TS 5P5 70DF.090-2M	TS	2450lm	19.1W	90mA (100%)	1840lm	16.7W	78mA (86%)
ARYA TS 5P5 70DF.100-2M		2720lm	21.2W	100mA (100%)	2040lm	18.5W	87mA (87%)
ARYA TS 5P5 70DF.120-2M		3240lm	24.5W	120mA (100%)	2430lm	21.2W	104mA (86%)
ARYA TS 5P5 70DF.140-2M		3750lm	28.7W	140mA (100%)	2820lm	24.7W	121mA (86%)
ARYA TS 5P5 70DF.160-2M		4230lm	31.7W	160mA (100%)	3190lm	28.3W	138mA (86%)
ARYA TS 5P5 70DF.180-2M		4680lm	35.8W	180mA (100%)	3510lm	30.3W	153mA (85%)
ARYA TS 5P5 70DF.200-2M		5090lm	40W	200mA (100%)	3830lm	33.5W	169mA (84%)
ARYA TS 5P5 70DF.060-4M		3330lm	24.4W	60mA (100%)	2510lm	21.4W	52mA (86%)
ARYA TS 5P5 70DF.070-4M		3850lm	28.2W	70mA (100%)	2910lm	24.8W	61mA (87%)
ARYA TS 5P5 70DF.080-4M		4380lm	31.9W	80mA (100%)	3320lm	28.2W	70mA (87%)
ARYA TS 5P5 70DF.090-4M		4910lm	35.8W	90mA (100%)	3690lm	31.2W	78mA (86%)
ARYA TS 5P5 70DF.100-4M		5430lm	39.6W	100mA (100%)	4090lm	34.6W	87mA (87%)
ARYA TS 5P5 70DF.120-4M		6470lm	47W	120mA (100%)	4860lm	40.8W	104mA (86%)
ARYA TS 5P5 70DF.140-4M		7460lm	54.9W	140mA (100%)	5610lm	47.4W	121mA (86%)
ARYA TS 5P5 70DF.160-4M		8410lm	61.7W	160mA (100%)	6350lm	54.1W	138mA (86%)
ARYA TS 5P5 70DF.180-4M		9300lm	69.7W	180mA (100%)	7010lm	59.4W	154mA (85%)
ARYA TS 5P5 70DF.200-4M		10110lm	77.9W	200mA (100%)	7600lm	65.3W	169mA (84%)
ARYA TS 5P5 70DF.060-4M	S	3260lm	24.4W	60mA (100%)	2450lm	21.4W	52mA (86%)
ARYA TS 5P5 70DF.070-4M		3770lm	28.2W	70mA (100%)	2850lm	24.8W	61mA (87%)
ARYA TS 5P5 70DF.080-4M		4280lm	31.9W	80mA (100%)	3250lm	28.2W	70mA (87%)
ARYA TS 5P5 70DF.090-4M		4800lm	35.8W	90mA (100%)	3600lm	31.2W	78mA (86%)
ARYA TS 5P5 70DF.100-4M		5310lm	39.6W	100mA (100%)	4000lm	34.6W	87mA (87%)
ARYA TS 5P5 70DF.120-4M		6320lm	47W	120mA (100%)	4750lm	40.8W	104mA (86%)
ARYA TS 5P5 70DF.140-4M		7290lm	54.9W	140mA (100%)	5490lm	47.4W	121mA (86%)
ARYA TS 5P5 70DF.160-4M		8220lm	61.7W	160mA (100%)	6200lm	54.1W	138mA (86%)
ARYA TS 5P5 70DF.180-4M		9090lm	69.7W	180mA (100%)	6850lm	59.4W	154mA (85%)
ARYA TS 5P5 70DF.200-4M		9880lm	77.9W	200mA (100%)	7430lm	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 TS 5P5 70DF.090-2M	TS	2450lm	19.1W	90mA (100%)	1840lm	15.1W		1230lm	11.5W	51mA (56%)
ARYA TS 5P5 70DF.100-2M		2720lm	21.2W	100mA (100%)	2040lm	16.7W		1360lm	12.6W	57mA (56%)
ARYA TS 5P5 70DF.120-2M		3240lm	24.5W	120mA (100%)	2450lm	20W		1630lm	14.9W	69mA (57%)
ARYA TS 5P5 70DF.140-2M		3750lm	28.7W	140mA (100%)	2830lm	22.3W		1880lm	17.1W	80mA (57%)
ARYA TS 5P5 70DF.160-2M		4230lm	31.7W	160mA (100%)	3180lm	25.1W		2140lm	19.3W	91mA (56%)
ARYA TS 5P5 70DF.180-2M		4680lm	35.8W	180mA (100%)	3520lm	28W		2340lm	21.2W	100mA (55%)
ARYA TS 5P5 70DF.200-2M		5090lm	40W	200mA (100%)	3830lm	29.6W		2550lm	22.3W	109mA (54%)
ARYA TS 5P5 70DF.060-4M		3330lm	24.4W	60mA (100%)	2530lm	19.5W		1700lm	14.7W	34mA (56%)
ARYA TS 5P5 70DF.070-4M		3850lm	28.2W	70mA (100%)	2930lm	22.5W		1970lm	17W	40mA (57%)
ARYA TS 5P5 70DF.080-4M		4380lm	31.9W	80mA (100%)	3290lm	25.1W		2190lm	18.8W	45mA (56%)
ARYA TS 5P5 70DF.090-4M		4910lm	35.8W	90mA (100%)	3690lm	28.2W		2460lm	21W	51mA (56%)
ARYA TS 5P5 70DF.100-4M		5430lm	39.6W	100mA (100%)	4090lm	31.2W		2730lm	23.3W	57mA (56%)
ARYA TS 5P5 70DF.120-4M		6470lm	47W	120mA (100%)	4900lm	37.3W		3280lm	27.8W	69mA (57%)
ARYA TS 5P5 70DF.140-4M		7460lm	54.9W	140mA (100%)	5600lm	42.4W		3730lm	31.6W	79mA (56%)
ARYA TS 5P5 70DF.160-4M		8410lm	61.7W	160mA (100%)	6340lm	48.2W		4230lm	35.8W	90mA (56%)
ARYA TS 5P5 70DF.180-4M		9300lm	69.7W	180mA (100%)	7010lm	53.7W		4680lm	39.6W	100mA (55%)
ARYA TS 5P5 70DF.200-4M		10110lm	77.9W	200mA (100%)	7610lm	57.8W		5080lm	42.7W	109mA (54%)
ARYA TS 5P5 70DF.060-4M	S	3260lm	24.4W	60mA (100%)	2480lm	19.5W		1670lm	14.7W	34mA (56%)
ARYA TS 5P5 70DF.070-4M		3770lm	28.2W	70mA (100%)	2870lm	22.5W		1930lm	17W	40mA (57%)
ARYA TS 5P5 70DF.080-4M		4280lm	31.9W	80mA (100%)	3220lm	25.1W		2150lm	18.8W	45mA (56%)
ARYA TS 5P5 70DF.090-4M		4800lm	35.8W	90mA (100%)	3610lm	28.2W		2410lm	21W	51mA (56%)
ARYA TS 5P5 70DF.100-4M		5310lm	39.6W	100mA (100%)	4000lm	31.2W		2670lm	23.3W	57mA (56%)
ARYA TS 5P5 70DF.120-4M		6320lm	47W	120mA (100%)	4740lm	36.9W		3160lm	27.4W	68mA (56%)
ARYA TS 5P5 70DF.140-4M		7290lm	54.9W	140mA (100%)	5470lm	42.4W		3650lm	31.6W	79mA (56%)
ARYA TS 5P5 70DF.160-4M		8220lm	61.7W	160mA (100%)	6190lm	48.2W		4140lm	35.8W	90mA (56%)
ARYA TS 5P5 70DF.180-4M		9090lm	69.7W	180mA (100%)	6850lm	53.7W		4580lm	39.6W	100mA (55%)
ARYA TS 5P5 70DF.200-4M		9880lm	77.9W	200mA (100%)	7430lm	57.8W		4970lm	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 TS 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 TS 4P4 70DF.120-2M	TS	120	2620	2510	2260	19.6	133.6
ARYA TS 4P4 70DF.140-2M		140	3040	2910	2620	23	132.1
ARYA TS 4P4 70DF.160-2M		160	3430	3280	2950	25.4	135.0
ARYA TS 4P4 70DF.180-2M		180	3790	3630	3270	28.7	132.0
ARYA TS 4P4 70DF.200-2M		200	4120	3940	3550	31.9	129.1
ARYA TS 4P4 70DF.080-4M		80	3550	3400	3060	25.7	138.1
ARYA TS 4P4 70DF.090-4M		90	3980	3810	3430	28.7	138.6
ARYA TS 4P4 70DF.100-4M		100	4400	4210	3790	31.8	138.3
ARYA TS 4P4 70DF.120-4M		120	5230	5010	4510	37.7	138.7
ARYA TS 4P4 70DF.140-4M		140	6030	5780	5200	44	137.0
ARYA TS 4P4 70DF.160-4M		160	6800	6510	5860	49.5	137.3
ARYA TS 4P4 70DF.180-4M		180	7520	7200	6480	55.9	134.5
ARYA TS 4P4 70DF.200-4M		200	8180	7830	7050	62.3	131.3
ARYA TS 4P4 70DF.080-4M	S	3280	3430	3280	2950	25.7	133.4
ARYA TS 4P4 70DF.090-4M		3680	3840	3680	3310	28.7	133.7
ARYA TS 4P4 70DF.100-4M		4070	4250	4070	3660	31.8	133.6
ARYA TS 4P4 70DF.120-4M		4840	5060	4840	4360	37.7	134.2
ARYA TS 4P4 70DF.140-4M		5590	5840	5590	5030	44	132.7
ARYA TS 4P4 70DF.160-4M		6300	6580	6300	5670	49.5	132.9
ARYA TS 4P4 70DF.180-4M		6960	7270	6960	6270	55.9	130.0
ARYA TS 4P4 70DF.200-4M		7570	7910	7570	6810	62.3	126.9

*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 TS 4P4 70DF.120-2M	TS	2260lm 16.9W 103mA (85%)	2260lm 19.6W 120mA (100%)
ARYA TS 4P4 70DF.140-2M		2620lm 19.6W 120mA (85%)	2620lm 23W 140mA (100%)
ARYA TS 4P4 70DF.160-2M		2960lm 22.3W 136mA (85%)	2950lm 25.4W 160mA (100%)
ARYA TS 4P4 70DF.180-2M		3290lm 24.3W 153mA (85%)	3270lm 28.7W 180mA (100%)
ARYA TS 4P4 70DF.200-2M		3560lm 26.6W 167mA (83%)	3550lm 31.9W 200mA (100%)
ARYA TS 4P4 70DF.080-4M		3080lm 22.4W 69mA (86%)	3060lm 25.7W 80mA (100%)
ARYA TS 4P4 70DF.090-4M		3470lm 25.1W 78mA (86%)	3430lm 28.7W 90mA (100%)
ARYA TS 4P4 70DF.100-4M		3810lm 27.5W 86mA (86%)	3790lm 31.8W 100mA (100%)
ARYA TS 4P4 70DF.120-4M		4530lm 32.4W 103mA (85%)	4510lm 37.7W 120mA (100%)
ARYA TS 4P4 70DF.140-4M		5230lm 37.7W 120mA (85%)	5200lm 44W 140mA (100%)
ARYA TS 4P4 70DF.160-4M		5880lm 42.7W 136mA (85%)	5860lm 49.5W 160mA (100%)
ARYA TS 4P4 70DF.180-4M		6500lm 46.9W 152mA (84%)	6480lm 55.9W 180mA (100%)
ARYA TS 4P4 70DF.200-4M		7060lm 51.7W 167mA (83%)	7050lm 62.3W 200mA (100%)
ARYA TS 4P4 70DF.080-4M	S	2970lm 22.4W 69mA (86%)	2950lm 25.7W 80mA (100%)
ARYA TS 4P4 70DF.090-4M		3340lm 25.1W 78mA (86%)	3310lm 28.7W 90mA (100%)
ARYA TS 4P4 70DF.100-4M		3670lm 27.5W 86mA (86%)	3660lm 31.8W 100mA (100%)
ARYA TS 4P4 70DF.120-4M		4370lm 32.4W 103mA (85%)	4360lm 37.7W 120mA (100%)
ARYA TS 4P4 70DF.140-4M		5060lm 37.7W 120mA (85%)	5030lm 44W 140mA (100%)
ARYA TS 4P4 70DF.160-4M		5680lm 42.7W 136mA (85%)	5670lm 49.5W 160mA (100%)
ARYA TS 4P4 70DF.180-4M		6290lm 46.9W 152mA (84%)	6270lm 55.9W 180mA (100%)
ARYA TS 4P4 70DF.200-4M		6830lm 51.7W 167mA (83%)	6810lm 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 TS 4P4 70DF.120-2M	TS	2620lm	19.6W	120mA (100%)	1970lm	17W	104mA (86%)
ARYA TS 4P4 70DF.140-2M		3040lm	23W	140mA (100%)	2280lm	19.8W	121mA (86%)
ARYA TS 4P4 70DF.160-2M		3430lm	25.4W	160mA (100%)	2580lm	22.7W	138mA (86%)
ARYA TS 4P4 70DF.180-2M		3790lm	28.7W	180mA (100%)	2850lm	24.4W	154mA (85%)
ARYA TS 4P4 70DF.200-2M		4120lm	31.9W	200mA (100%)	3100lm	26.9W	169mA (84%)
ARYA TS 4P4 70DF.080-4M		3550lm	25.7W	80mA (100%)	2690lm	22.7W	70mA (87%)
ARYA TS 4P4 70DF.090-4M		3980lm	28.7W	90mA (100%)	2990lm	25.1W	78mA (86%)
ARYA TS 4P4 70DF.100-4M		4400lm	31.8W	100mA (100%)	3320lm	27.8W	87mA (87%)
ARYA TS 4P4 70DF.120-4M		5230lm	37.7W	120mA (100%)	3940lm	32.7W	104mA (86%)
ARYA TS 4P4 70DF.140-4M		6030lm	44W	140mA (100%)	4540lm	38W	121mA (86%)
ARYA TS 4P4 70DF.160-4M		6800lm	49.5W	160mA (100%)	5100lm	43W	137mA (85%)
ARYA TS 4P4 70DF.180-4M		7520lm	55.9W	180mA (100%)	5670lm	47.6W	154mA (85%)
ARYA TS 4P4 70DF.200-4M		8180lm	62.3W	200mA (100%)	6140lm	52.3W	169mA (84%)
ARYA TS 4P4 70DF.080-4M	S	3430lm	25.7W	80mA (100%)	2600lm	22.7W	70mA (87%)
ARYA TS 4P4 70DF.090-4M		3840lm	28.7W	90mA (100%)	2880lm	25.1W	78mA (86%)
ARYA TS 4P4 70DF.100-4M		4250lm	31.8W	100mA (100%)	3200lm	27.8W	87mA (87%)
ARYA TS 4P4 70DF.120-4M		5060lm	37.7W	120mA (100%)	3800lm	32.7W	104mA (86%)
ARYA TS 4P4 70DF.140-4M		5840lm	44W	140mA (100%)	4390lm	38W	121mA (86%)
ARYA TS 4P4 70DF.160-4M		6580lm	49.5W	160mA (100%)	4960lm	43.4W	138mA (86%)
ARYA TS 4P4 70DF.180-4M		7270lm	55.9W	180mA (100%)	5480lm	47.6W	154mA (85%)
ARYA TS 4P4 70DF.200-4M		7910lm	62.3W	200mA (100%)	5950lm	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 TS 4P4 70DF.120-2M	TS	2620lm	19.6W	120mA (100%)	1980lm	16W		1320lm	12W	69mA (57%)
ARYA TS 4P4 70DF.140-2M		3040lm	23W	140mA (100%)	2290lm	17.8W		1520lm	13.7W	80mA (57%)
ARYA TS 4P4 70DF.160-2M		3430lm	25.4W	160mA (100%)	2590lm	20.3W		1730lm	15.5W	91mA (56%)
ARYA TS 4P4 70DF.180-2M		3790lm	28.7W	180mA (100%)	2850lm	22.5W		1900lm	17W	100mA (55%)
ARYA TS 4P4 70DF.200-2M		4120lm	31.9W	200mA (100%)	3100lm	23.8W		2060lm	17.8W	109mA (54%)
ARYA TS 4P4 70DF.080-4M		3550lm	25.7W	80mA (100%)	2670lm	20.4W		1780lm	15.5W	45mA (56%)
ARYA TS 4P4 70DF.090-4M		3980lm	28.7W	90mA (100%)	2990lm	22.7W		2000lm	17.2W	51mA (56%)
ARYA TS 4P4 70DF.100-4M		4400lm	31.8W	100mA (100%)	3320lm	25.1W		2220lm	18.9W	57mA (56%)
ARYA TS 4P4 70DF.120-4M		5230lm	37.7W	120mA (100%)	3930lm	29.7W		2620lm	22.1W	68mA (56%)
ARYA TS 4P4 70DF.140-4M		6030lm	44W	140mA (100%)	4530lm	34W		3020lm	25.4W	79mA (56%)
ARYA TS 4P4 70DF.160-4M		6800lm	49.5W	160mA (100%)	5130lm	38.6W		3430lm	28.7W	90mA (56%)
ARYA TS 4P4 70DF.180-4M		7520lm	55.9W	180mA (100%)	5660lm	43W		3790lm	31.8W	100mA (55%)
ARYA TS 4P4 70DF.200-4M		8180lm	62.3W	200mA (100%)	6150lm	46.3W		4120lm	34.3W	109mA (54%)
ARYA TS 4P4 70DF.080-4M	S	3430lm	25.7W	80mA (100%)	2610lm	20.7W		1750lm	15.8W	46mA (57%)
ARYA TS 4P4 70DF.090-4M		3840lm	28.7W	90mA (100%)	2890lm	22.7W		1920lm	17.2W	51mA (56%)
ARYA TS 4P4 70DF.100-4M		4250lm	31.8W	100mA (100%)	3200lm	25.1W		2140lm	18.9W	57mA (56%)
ARYA TS 4P4 70DF.120-4M		5060lm	37.7W	120mA (100%)	3830lm	30W		2530lm	22.1W	68mA (56%)
ARYA TS 4P4 70DF.140-4M		5840lm	44W	140mA (100%)	4380lm	34W		2920lm	25.4W	79mA (56%)
ARYA TS 4P4 70DF.160-4M		6580lm	49.5W	160mA (100%)	4960lm	38.6W		3310lm	28.7W	90mA (56%)
ARYA TS 4P4 70DF.180-4M		7270lm	55.9W	180mA (100%)	5480lm	43W		3660lm	31.8W	100mA (55%)
ARYA TS 4P4 70DF.200-4M		7910lm	62.3W	200mA (100%)	5950lm	46.3W		3980lm	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 TS 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 TS 5P5 70EG.090-2M	TS	90	2610	2450	2350	19.1	136.6
ARYA TS 5P5 70EG.100-2M		100	2890	2720	2600	21.2	136.3
ARYA TS 5P5 70EG.120-2M		120	3450	3240	3100	24.5	140.8
ARYA TS 5P5 70EG.140-2M		140	3990	3750	3590	28.7	139.0
ARYA TS 5P5 70EG.160-2M		160	4500	4230	4050	31.7	141.9
ARYA TS 5P5 70EG.180-2M		180	4980	4680	4480	35.8	139.1
ARYA TS 5P5 70EG.200-2M		200	5410	5090	4870	40	135.2
ARYA TS 5P5 70EG.060-4M		60	3540	3330	3190	24.4	145.0
ARYA TS 5P5 70EG.070-4M		70	4100	3850	3690	28.2	145.3
ARYA TS 5P5 70EG.080-4M		80	4660	4380	4200	31.9	146.0
ARYA TS 5P5 70EG.090-4M		90	5220	4910	4700	35.8	145.8
ARYA TS 5P5 70EG.100-4M		100	5780	5430	5200	39.6	145.9
ARYA TS 5P5 70EG.120-4M		120	6880	6470	6190	47	146.3
ARYA TS 5P5 70EG.140-4M		140	7940	7460	7150	54.9	144.6
ARYA TS 5P5 70EG.160-4M		160	8950	8410	8060	61.7	145.0
ARYA TS 5P5 70EG.180-4M		180	9890	9300	8900	69.7	141.8
ARYA TS 5P5 70EG.200-4M		200	10750	10110	9680	77.9	137.9
ARYA TS 5P5 70EG.060-4M	S	60	3460	3260	3120	24.4	141.8
ARYA TS 5P5 70EG.070-4M		70	4010	3770	3610	28.2	142.1
ARYA TS 5P5 70EG.080-4M		80	4560	4280	4100	31.9	142.9
ARYA TS 5P5 70EG.090-4M		90	5110	4800	4600	35.8	142.7
ARYA TS 5P5 70EG.100-4M		100	5650	5310	5090	39.6	142.6
ARYA TS 5P5 70EG.120-4M		120	6720	6320	6050	47	142.9
ARYA TS 5P5 70EG.140-4M		140	7760	7290	6980	54.9	141.3
ARYA TS 5P5 70EG.160-4M		160	8750	8220	7870	61.7	141.8
ARYA TS 5P5 70EG.180-4M		180	9670	9090	8700	69.7	138.7
ARYA TS 5P5 70EG.200-4M		200	10510	9880	9460	77.9	134.9

*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, 4000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 100% of flux)		
ARYA TS 5P5 70EG.090-2M	TS	2350lm	17.3W	81mA (90%)	2350lm	19.1W	90mA (100%)
ARYA TS 5P5 70EG.100-2M		2610lm	19.1W	90mA (90%)	2600lm	21.2W	100mA (100%)
ARYA TS 5P5 70EG.120-2M		3110lm	22.1W	108mA (90%)	3100lm	24.5W	120mA (100%)
ARYA TS 5P5 70EG.140-2M		3590lm	25.5W	125mA (89%)	3590lm	28.7W	140mA (100%)
ARYA TS 5P5 70EG.160-2M		4070lm	28.2W	143mA (89%)	4050lm	31.7W	160mA (100%)
ARYA TS 5P5 70EG.180-2M		4480lm	31.5W	159mA (88%)	4480lm	35.8W	180mA (100%)
ARYA TS 5P5 70EG.200-2M		4870lm	34.8W	175mA (87%)	4870lm	40W	200mA (100%)
ARYA TS 5P5 70EG.060-4M		3210lm	22.1W	54mA (90%)	3190lm	24.4W	60mA (100%)
ARYA TS 5P5 70EG.070-4M		3710lm	25.5W	63mA (90%)	3690lm	28.2W	70mA (100%)
ARYA TS 5P5 70EG.080-4M		4210lm	28.9W	72mA (90%)	4200lm	31.9W	80mA (100%)
ARYA TS 5P5 70EG.090-4M		4720lm	32.3W	81mA (90%)	4700lm	35.8W	90mA (100%)
ARYA TS 5P5 70EG.100-4M		5220lm	35.8W	90mA (90%)	5200lm	39.6W	100mA (100%)
ARYA TS 5P5 70EG.120-4M		6220lm	42.4W	108mA (90%)	6190lm	47W	120mA (100%)
ARYA TS 5P5 70EG.140-4M		7150lm	49W	125mA (89%)	7150lm	54.9W	140mA (100%)
ARYA TS 5P5 70EG.160-4M		8100lm	55W	143mA (89%)	8060lm	61.7W	160mA (100%)
ARYA TS 5P5 70EG.180-4M		8900lm	61.3W	159mA (88%)	8900lm	69.7W	180mA (100%)
ARYA TS 5P5 70EG.200-4M		9710lm	68.1W	176mA (88%)	9680lm	77.9W	200mA (100%)
ARYA TS 5P5 70EG.060-4M	S	3140lm	22.1W	54mA (90%)	3120lm	24.4W	60mA (100%)
ARYA TS 5P5 70EG.070-4M		3630lm	25.5W	63mA (90%)	3610lm	28.2W	70mA (100%)
ARYA TS 5P5 70EG.080-4M		4120lm	28.9W	72mA (90%)	4100lm	31.9W	80mA (100%)
ARYA TS 5P5 70EG.090-4M		4610lm	32.3W	81mA (90%)	4600lm	35.8W	90mA (100%)
ARYA TS 5P5 70EG.100-4M		5110lm	35.8W	90mA (90%)	5090lm	39.6W	100mA (100%)
ARYA TS 5P5 70EG.120-4M		6080lm	42.4W	108mA (90%)	6050lm	47W	120mA (100%)
ARYA TS 5P5 70EG.140-4M		6990lm	49W	125mA (89%)	6980lm	54.9W	140mA (100%)
ARYA TS 5P5 70EG.160-4M		7910lm	55W	143mA (89%)	7870lm	61.7W	160mA (100%)
ARYA TS 5P5 70EG.180-4M		8700lm	61.3W	159mA (88%)	8700lm	69.7W	180mA (100%)
ARYA TS 5P5 70EG.200-4M		9490lm	68.1W	176mA (88%)	9460lm	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 TS 5P5 70EG.090-2M	TS	2610lm	19.1W	90mA (100%)	1970lm	16.1W	75mA (83%)
ARYA TS 5P5 70EG.100-2M		2890lm	21.2W	100mA (100%)	2170lm	17.7W	83mA (83%)
ARYA TS 5P5 70EG.120-2M		3450lm	24.5W	120mA (100%)	2600lm	21.2W	100mA (83%)
ARYA TS 5P5 70EG.140-2M		3990lm	28.7W	140mA (100%)	3000lm	23.7W	116mA (82%)
ARYA TS 5P5 70EG.160-2M		4500lm	31.7W	160mA (100%)	3400lm	27W	132mA (82%)
ARYA TS 5P5 70EG.180-2M		4980lm	35.8W	180mA (100%)	3760lm	29W	147mA (81%)
ARYA TS 5P5 70EG.200-2M		5410lm	40W	200mA (100%)	4080lm	31.9W	161mA (80%)
ARYA TS 5P5 70EG.060-4M		3540lm	24.4W	60mA (100%)	2680lm	20.7W	50mA (83%)
ARYA TS 5P5 70EG.070-4M		4100lm	28.2W	70mA (100%)	3090lm	23.6W	58mA (82%)
ARYA TS 5P5 70EG.080-4M		4660lm	31.9W	80mA (100%)	3540lm	27W	67mA (83%)
ARYA TS 5P5 70EG.090-4M		5220lm	35.8W	90mA (100%)	3940lm	30W	75mA (83%)
ARYA TS 5P5 70EG.100-4M		5780lm	39.6W	100mA (100%)	4350lm	33.1W	83mA (83%)
ARYA TS 5P5 70EG.120-4M		6880lm	47W	120mA (100%)	5200lm	39.6W	100mA (83%)
ARYA TS 5P5 70EG.140-4M		7940lm	54.9W	140mA (100%)	5990lm	45.5W	116mA (82%)
ARYA TS 5P5 70EG.160-4M		8950lm	61.7W	160mA (100%)	6720lm	51.3W	131mA (81%)
ARYA TS 5P5 70EG.180-4M		9890lm	69.7W	180mA (100%)	7420lm	56.2W	146mA (81%)
ARYA TS 5P5 70EG.200-4M		10750lm	77.9W	200mA (100%)	8100lm	62.1W	161mA (80%)
ARYA TS 5P5 70EG.060-4M	S	3460lm	24.4W	60mA (100%)	2630lm	20.7W	50mA (83%)
ARYA TS 5P5 70EG.070-4M		4010lm	28.2W	70mA (100%)	3020lm	23.6W	58mA (82%)
ARYA TS 5P5 70EG.080-4M		4560lm	31.9W	80mA (100%)	3460lm	27W	67mA (83%)
ARYA TS 5P5 70EG.090-4M		5110lm	35.8W	90mA (100%)	3860lm	30W	75mA (83%)
ARYA TS 5P5 70EG.100-4M		5650lm	39.6W	100mA (100%)	4250lm	33.1W	83mA (83%)
ARYA TS 5P5 70EG.120-4M		6720lm	47W	120mA (100%)	5040lm	39.3W	99mA (82%)
ARYA TS 5P5 70EG.140-4M		7760lm	54.9W	140mA (100%)	5860lm	45.5W	116mA (82%)
ARYA TS 5P5 70EG.160-4M		8750lm	61.7W	160mA (100%)	6570lm	51.3W	131mA (81%)
ARYA TS 5P5 70EG.180-4M		9670lm	69.7W	180mA (100%)	7260lm	56.2W	146mA (81%)
ARYA TS 5P5 70EG.200-4M		10510lm	77.9W	200mA (100%)	7920lm	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 TS 5P5 70EG.090-2M	TS	2610lm	19.1W	90mA (100%)	1970lm	15.5W		1320lm	11.1W	49mA (54%)
ARYA TS 5P5 70EG.100-2M		2890lm	21.2W	100mA (100%)	2190lm	17.1W		1460lm	12.2W	55mA (55%)
ARYA TS 5P5 70EG.120-2M		3450lm	24.5W	120mA (100%)	2610lm	20.4W		1740lm	14.3W	66mA (55%)
ARYA TS 5P5 70EG.140-2M		3990lm	28.7W	140mA (100%)	3010lm	22.7W		2020lm	16.5W	77mA (55%)
ARYA TS 5P5 70EG.160-2M		4500lm	31.7W	160mA (100%)	3400lm	25.7W		2250lm	18.3W	86mA (53%)
ARYA TS 5P5 70EG.180-2M		4980lm	35.8W	180mA (100%)	3750lm	28.7W		2500lm	20.4W	96mA (53%)
ARYA TS 5P5 70EG.200-2M		5410lm	40W	200mA (100%)	4070lm	30.3W		2730lm	21.4W	105mA (52%)
ARYA TS 5P5 70EG.060-4M		3540lm	24.4W	60mA (100%)	2700lm	19.9W		1790lm	14W	32mA (53%)
ARYA TS 5P5 70EG.070-4M		4100lm	28.2W	70mA (100%)	3120lm	22.9W		2090lm	16.2W	38mA (54%)
ARYA TS 5P5 70EG.080-4M		4660lm	31.9W	80mA (100%)	3540lm	25.9W		2340lm	18.1W	43mA (53%)
ARYA TS 5P5 70EG.090-4M		5220lm	35.8W	90mA (100%)	3960lm	28.9W		2630lm	20.3W	49mA (54%)
ARYA TS 5P5 70EG.100-4M		5780lm	39.6W	100mA (100%)	4380lm	31.9W		2930lm	22.5W	55mA (55%)
ARYA TS 5P5 70EG.120-4M		6880lm	47W	120mA (100%)	5170lm	37.7W		3440lm	26.3W	65mA (54%)
ARYA TS 5P5 70EG.140-4M		7940lm	54.9W	140mA (100%)	6000lm	43.5W		3990lm	30.4W	76mA (54%)
ARYA TS 5P5 70EG.160-4M		8950lm	61.7W	160mA (100%)	6720lm	49W		4500lm	34.2W	86mA (53%)
ARYA TS 5P5 70EG.180-4M		9890lm	69.7W	180mA (100%)	7460lm	54.9W		4950lm	37.7W	95mA (52%)
ARYA TS 5P5 70EG.200-4M		10750lm	77.9W	200mA (100%)	8090lm	59W		5400lm	40.8W	104mA (52%)
ARYA TS 5P5 70EG.060-4M	S	3460lm	24.4W	60mA (100%)	2640lm	19.9W		1760lm	14W	32mA (53%)
ARYA TS 5P5 70EG.070-4M		4010lm	28.2W	70mA (100%)	3050lm	22.9W		2050lm	16.2W	38mA (54%)
ARYA TS 5P5 70EG.080-4M		4560lm	31.9W	80mA (100%)	3460lm	25.9W		2290lm	18.1W	43mA (53%)
ARYA TS 5P5 70EG.090-4M		5110lm	35.8W	90mA (100%)	3870lm	28.9W		2580lm	20.3W	49mA (54%)
ARYA TS 5P5 70EG.100-4M		5650lm	39.6W	100mA (100%)	4280lm	31.9W		2870lm	22.5W	55mA (55%)
ARYA TS 5P5 70EG.120-4M		6720lm	47W	120mA (100%)	5060lm	37.7W		3360lm	26.3W	65mA (54%)
ARYA TS 5P5 70EG.140-4M		7760lm	54.9W	140mA (100%)	5820lm	43.1W		3910lm	30.4W	76mA (54%)
ARYA TS 5P5 70EG.160-4M		8750lm	61.7W	160mA (100%)	6570lm	49W		4400lm	34.2W	86mA (53%)
ARYA TS 5P5 70EG.180-4M		9670lm	69.7W	180mA (100%)	7290lm	54.9W		4840lm	37.7W	95mA (52%)
ARYA TS 5P5 70EG.200-4M		10510lm	77.9W	200mA (100%)	7900lm	59W		5280lm	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 TS 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 TS 4P4 70EG.120-2M	TS	120	2790	2620	2510	19.6	142.3
ARYA TS 4P4 70EG.140-2M		140	3230	3040	2910	23	140.4
ARYA TS 4P4 70EG.160-2M		160	3650	3430	3280	25.4	143.7
ARYA TS 4P4 70EG.180-2M		180	4030	3790	3630	28.7	140.4
ARYA TS 4P4 70EG.200-2M		200	4380	4120	3940	31.9	137.3
ARYA TS 4P4 70EG.080-4M		80	3780	3550	3400	25.7	147.0
ARYA TS 4P4 70EG.090-4M		90	4230	3980	3810	28.7	147.3
ARYA TS 4P4 70EG.100-4M		100	4680	4400	4210	31.8	147.1
ARYA TS 4P4 70EG.120-4M		120	5560	5230	5010	37.7	147.4
ARYA TS 4P4 70EG.140-4M		140	6420	6030	5780	44	145.9
ARYA TS 4P4 70EG.160-4M		160	7240	6800	6510	49.5	146.2
ARYA TS 4P4 70EG.180-4M		180	8000	7520	7200	55.9	143.1
ARYA TS 4P4 70EG.200-4M		200	8700	8180	7830	62.3	139.6
ARYA TS 4P4 70EG.080-4M	S	3280	3650	3430	3280	25.7	142.0
ARYA TS 4P4 70EG.090-4M		3680	4080	3840	3680	28.7	142.1
ARYA TS 4P4 70EG.100-4M		4070	4520	4250	4070	31.8	142.1
ARYA TS 4P4 70EG.120-4M		4840	5380	5060	4840	37.7	142.7
ARYA TS 4P4 70EG.140-4M		5590	6210	5840	5590	44	141.1
ARYA TS 4P4 70EG.160-4M		6300	7000	6580	6300	49.5	141.4
ARYA TS 4P4 70EG.180-4M		6960	7740	7270	6960	55.9	138.4
ARYA TS 4P4 70EG.200-4M		7570	8410	7910	7570	62.3	134.9

*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, 4000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 100% of flux)		
ARYA TS 4P4 70EG.120-2M	TS	2520lm	17.7W	108mA (90%)	2510lm	19.6W	120mA (100%)
ARYA TS 4P4 70EG.140-2M		2930lm	20.6W	126mA (90%)	2910lm	23W	140mA (100%)
ARYA TS 4P4 70EG.160-2M		3290lm	22.6W	143mA (89%)	3280lm	25.4W	160mA (100%)
ARYA TS 4P4 70EG.180-2M		3630lm	25.3W	159mA (88%)	3630lm	28.7W	180mA (100%)
ARYA TS 4P4 70EG.200-2M		3940lm	27.9W	175mA (87%)	3940lm	31.9W	200mA (100%)
ARYA TS 4P4 70EG.080-4M		3420lm	23.3W	72mA (90%)	3400lm	25.7W	80mA (100%)
ARYA TS 4P4 70EG.090-4M		3820lm	26W	81mA (90%)	3810lm	28.7W	90mA (100%)
ARYA TS 4P4 70EG.100-4M		4230lm	28.7W	90mA (90%)	4210lm	31.8W	100mA (100%)
ARYA TS 4P4 70EG.120-4M		5040lm	34W	108mA (90%)	5010lm	37.7W	120mA (100%)
ARYA TS 4P4 70EG.140-4M		5780lm	39.2W	125mA (89%)	5780lm	44W	140mA (100%)
ARYA TS 4P4 70EG.160-4M		6550lm	44.1W	143mA (89%)	6510lm	49.5W	160mA (100%)
ARYA TS 4P4 70EG.180-4M		7200lm	49.1W	159mA (88%)	7200lm	55.9W	180mA (100%)
ARYA TS 4P4 70EG.200-4M		7850lm	54.6W	176mA (88%)	7830lm	62.3W	200mA (100%)
ARYA TS 4P4 70EG.080-4M	S	3290lm	23.3W	72mA (90%)	3280lm	25.7W	80mA (100%)
ARYA TS 4P4 70EG.090-4M		3690lm	26W	81mA (90%)	3680lm	28.7W	90mA (100%)
ARYA TS 4P4 70EG.100-4M		4080lm	28.7W	90mA (90%)	4070lm	31.8W	100mA (100%)
ARYA TS 4P4 70EG.120-4M		4870lm	34W	108mA (90%)	4840lm	37.7W	120mA (100%)
ARYA TS 4P4 70EG.140-4M		5590lm	39.2W	125mA (89%)	5590lm	44W	140mA (100%)
ARYA TS 4P4 70EG.160-4M		6330lm	44.1W	143mA (89%)	6300lm	49.5W	160mA (100%)
ARYA TS 4P4 70EG.180-4M		6960lm	49.1W	159mA (88%)	6960lm	55.9W	180mA (100%)
ARYA TS 4P4 70EG.200-4M		7600lm	54.6W	176mA (88%)	7570lm	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* (Tq=25°C, 4000K, 100% of flux)	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 75% of flux)
ARYA TS 4P4 70EG.120-2M	TS	2790lm 19.6W 120mA (100%)	2110lm 17W 100mA (83%)
ARYA TS 4P4 70EG.140-2M		3230lm 23W 140mA (100%)	2430lm 19W 116mA (82%)
ARYA TS 4P4 70EG.160-2M		3650lm 25.4W 160mA (100%)	2750lm 21.7W 132mA (82%)
ARYA TS 4P4 70EG.180-2M		4030lm 28.7W 180mA (100%)	3040lm 23.3W 147mA (81%)
ARYA TS 4P4 70EG.200-2M		4380lm 31.9W 200mA (100%)	3300lm 25.6W 161mA (80%)
ARYA TS 4P4 70EG.080-4M		3780lm 25.7W 80mA (100%)	2870lm 21.9W 67mA (83%)
ARYA TS 4P4 70EG.090-4M		4230lm 28.7W 90mA (100%)	3200lm 24.2W 75mA (83%)
ARYA TS 4P4 70EG.100-4M		4680lm 31.8W 100mA (100%)	3520lm 26.6W 83mA (83%)
ARYA TS 4P4 70EG.120-4M		5560lm 37.7W 120mA (100%)	4170lm 31.5W 99mA (82%)
ARYA TS 4P4 70EG.140-4M		6420lm 44W 140mA (100%)	4850lm 36.4W 116mA (82%)
ARYA TS 4P4 70EG.160-4M		7240lm 49.5W 160mA (100%)	5440lm 41.1W 131mA (81%)
ARYA TS 4P4 70EG.180-4M		8000lm 55.9W 180mA (100%)	6000lm 45W 146mA (81%)
ARYA TS 4P4 70EG.200-4M		8700lm 62.3W 200mA (100%)	6550lm 49.8W 161mA (80%)
ARYA TS 4P4 70EG.080-4M	S	3650lm 25.7W 80mA (100%)	2770lm 21.9W 67mA (83%)
ARYA TS 4P4 70EG.090-4M		4080lm 28.7W 90mA (100%)	3080lm 24.2W 75mA (83%)
ARYA TS 4P4 70EG.100-4M		4520lm 31.8W 100mA (100%)	3400lm 26.6W 83mA (83%)
ARYA TS 4P4 70EG.120-4M		5380lm 37.7W 120mA (100%)	4070lm 31.8W 100mA (83%)
ARYA TS 4P4 70EG.140-4M		6210lm 44W 140mA (100%)	4690lm 36.4W 116mA (82%)
ARYA TS 4P4 70EG.160-4M		7000lm 49.5W 160mA (100%)	5260lm 41.1W 131mA (81%)
ARYA TS 4P4 70EG.180-4M		7740lm 55.9W 180mA (100%)	5810lm 45W 146mA (81%)
ARYA TS 4P4 70EG.200-4M		8410lm 62.3W 200mA (100%)	6330lm 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* (Tq=25°C, 4000K, 100% of flux)	FLUX LUMINAIRE POWER* (Tq=25°C, 3000K, 75% of flux)	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 50% of flux)
ARYA TS 4P4 70EG.120-2M	TS	2790lm 19.6W 120mA (100%)	2110lm 16.3W	1410lm 11.6W 66mA (55%)
ARYA TS 4P4 70EG.140-2M		3230lm 23W 140mA (100%)	2430lm 18.2W	1630lm 13.3W 77mA (55%)
ARYA TS 4P4 70EG.160-2M		3650lm 25.4W 160mA (100%)	2750lm 20.6W	1840lm 14.9W 87mA (54%)
ARYA TS 4P4 70EG.180-2M		4030lm 28.7W 180mA (100%)	3040lm 23W	2020lm 16.3W 96mA (53%)
ARYA TS 4P4 70EG.200-2M		4380lm 31.9W 200mA (100%)	3290lm 24.3W	2190lm 17W 104mA (52%)
ARYA TS 4P4 70EG.080-4M		3780lm 25.7W 80mA (100%)	2870lm 21W	1890lm 14.9W 43mA (53%)
ARYA TS 4P4 70EG.090-4M		4230lm 28.7W 90mA (100%)	3210lm 23.3W	2140lm 16.6W 49mA (54%)
ARYA TS 4P4 70EG.100-4M		4680lm 31.8W 100mA (100%)	3510lm 25.4W	2340lm 18.1W 54mA (54%)
ARYA TS 4P4 70EG.120-4M		5560lm 37.7W 120mA (100%)	4190lm 30.3W	2790lm 21.3W 65mA (54%)
ARYA TS 4P4 70EG.140-4M		6420lm 44W 140mA (100%)	4820lm 34.6W	3240lm 24.5W 76mA (54%)
ARYA TS 4P4 70EG.160-4M		7240lm 49.5W 160mA (100%)	5430lm 39.2W	3650lm 27.5W 86mA (53%)
ARYA TS 4P4 70EG.180-4M		8000lm 55.9W 180mA (100%)	6000lm 43.7W	4010lm 30.3W 95mA (52%)
ARYA TS 4P4 70EG.200-4M		8700lm 62.3W 200mA (100%)	6540lm 47.2W	4370lm 32.7W 104mA (52%)
ARYA TS 4P4 70EG.080-4M	S	3650lm 25.7W 80mA (100%)	2770lm 21W	1830lm 14.9W 43mA (53%)
ARYA TS 4P4 70EG.090-4M		4080lm 28.7W 90mA (100%)	3060lm 23W	2060lm 16.6W 49mA (54%)
ARYA TS 4P4 70EG.100-4M		4520lm 31.8W 100mA (100%)	3390lm 25.4W	2260lm 18.1W 54mA (54%)
ARYA TS 4P4 70EG.120-4M		5380lm 37.7W 120mA (100%)	4040lm 30.3W	2690lm 21.3W 65mA (54%)
ARYA TS 4P4 70EG.140-4M		6210lm 44W 140mA (100%)	4660lm 34.6W	3120lm 24.5W 76mA (54%)
ARYA TS 4P4 70EG.160-4M		7000lm 49.5W 160mA (100%)	5250lm 39.2W	3520lm 27.5W 86mA (53%)
ARYA TS 4P4 70EG.180-4M		7740lm 55.9W 180mA (100%)	5840lm 44W	3910lm 30.6W 96mA (53%)
ARYA TS 4P4 70EG.200-4M		8410lm 62.3W 200mA (100%)	6330lm 47.2W	4220lm 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.