

ARYA S 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 kg
Exposed surface	Side: 0.03m ² – Top: 0.17m ²
Mounting	Suspension with dedicated fixing for MPA and MZA brackets (Ø48mm) Optional: adapter for 1/2" GAS connection.
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). TELEMAGEMENT: 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, TM-21

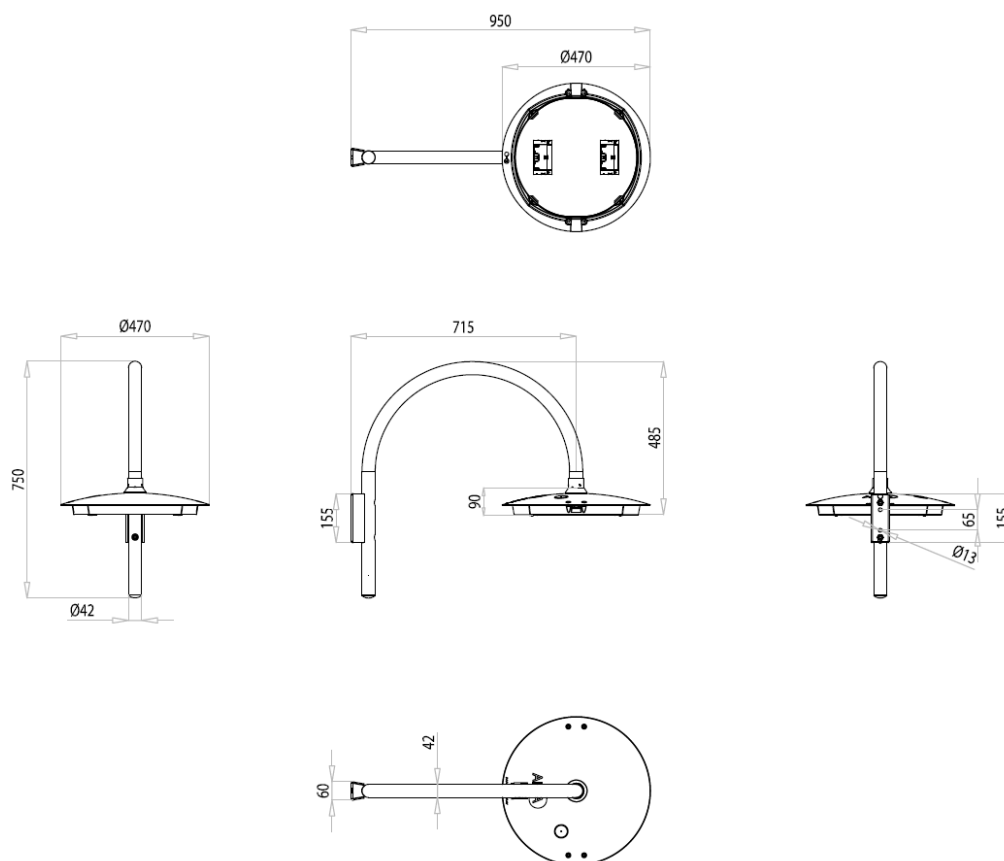
MATERIALS

Fixing	Turned aluminium with stainless steel screws. Optional 1/2" GAS connection: stainless steel tube.
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.
Cable gland	Plastic M20x1.5 - IP68
Gasket	Polyurethane without joints.
Colour	Graphite - Cod. 01

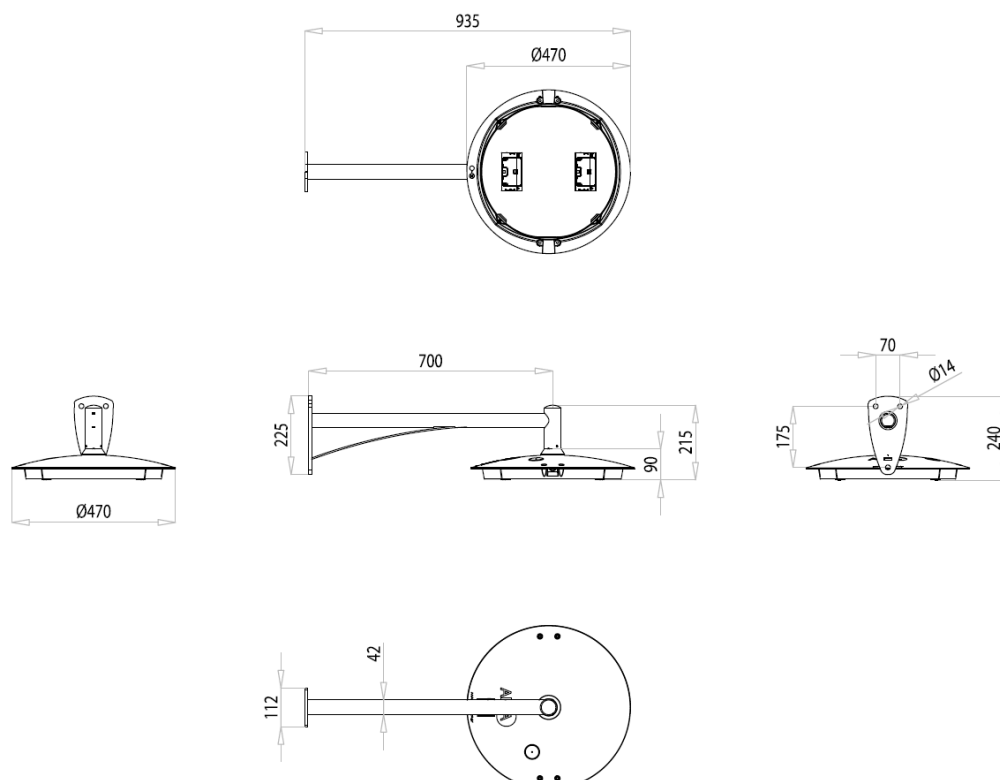


DIMENSIONAL DRAWINGS

ARYA S with bracket MPA



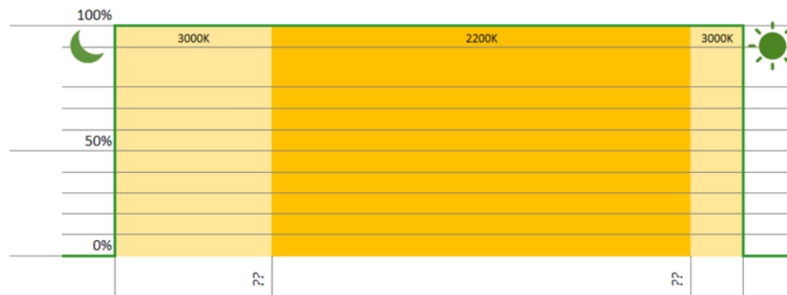
ARYA S with bracket MZA





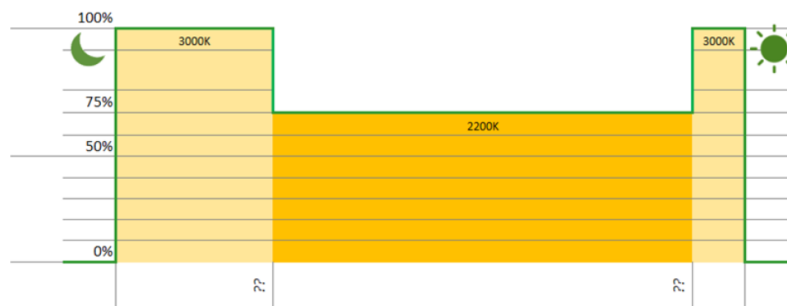
COLOR ADJUSTMENT PROFILES

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 reduction of luminous flux 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 S 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 S 5P5 70DE.090-2M	STE-M STU-M STW	90	2350	2220	2110	19.1	123.0
ARYA S 5P5 70DE.100-2M		100	2600	2460	2340	21.2	122.6
ARYA S 5P5 70DE.120-2M		120	3100	2930	2790	24.5	126.5
ARYA S 5P5 70DE.140-2M		140	3590	3390	3230	28.7	125.0
ARYA S 5P5 70DE.160-2M		160	4050	3830	3650	31.7	127.7
ARYA S 5P5 70DE.180-2M		180	4480	4230	4030	35.8	125.1
ARYA S 5P5 70DE.200-2M	S05 S07 STA STA1 STE-S STU-S	200	4870	4600	4380	40	121.7
ARYA S 5P5 70DE.090-2M		90	2300	2170	2070	19.1	120.4
ARYA S 5P5 70DE.100-2M		100	2550	2410	2290	21.2	120.2
ARYA S 5P5 70DE.120-2M		120	3040	2870	2730	24.5	124.0
ARYA S 5P5 70DE.140-2M		140	3510	3320	3160	28.7	122.2
ARYA S 5P5 70DE.160-2M		160	3960	3740	3560	31.7	124.9
ARYA S 5P5 70DE.180-2M		180	4380	4140	3940	35.8	122.3
ARYA S 5P5 70DE.200-2M	S	200	4760	4500	4280	40	119.0
ARYA S 5P5 70DE.060-4M		60	3120	2940	2810	24.4	127.8
ARYA S 5P5 70DE.070-4M		70	3610	3410	3250	28.2	128.0
ARYA S 5P5 70DE.080-4M		80	4100	3870	3690	31.9	128.5
ARYA S 5P5 70DE.090-4M		90	4600	4340	4140	35.8	128.4
ARYA S 5P5 70DE.100-4M		100	5090	4800	4580	39.6	128.5
ARYA S 5P5 70DE.120-4M		120	6050	5710	5450	47	128.7
ARYA S 5P5 70DE.140-4M		140	6980	6600	6290	54.9	127.1
ARYA S 5P5 70DE.160-4M		160	7870	7440	7090	61.7	127.5
ARYA S 5P5 70DE.180-4M		180	8700	8220	7830	69.7	124.8
ARYA S 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 S 5P5 70DE.090-2M	STE-M STU-M STW	2120lm 17.3W 81mA (90%)	2110lm 19.1W 90mA (100%)
ARYA S 5P5 70DE.100-2M		2350lm 19.1W 90mA (90%)	2340lm 21.2W 100mA (100%)
ARYA S 5P5 70DE.120-2M		2800lm 22.1W 108mA (90%)	2790lm 24.5W 120mA (100%)
ARYA S 5P5 70DE.140-2M		3230lm 25.5W 125mA (89%)	3230lm 28.7W 140mA (100%)
ARYA S 5P5 70DE.160-2M		3660lm 28.2W 143mA (89%)	3650lm 31.7W 160mA (100%)
ARYA S 5P5 70DE.180-2M		4030lm 31.5W 159mA (88%)	4030lm 35.8W 180mA (100%)
ARYA S 5P5 70DE.200-2M	S05 S07 STA STA1 STE-S STU-S	4380lm 34.8W 175mA (87%)	4380lm 40W 200mA (100%)
ARYA S 5P5 70DE.090-2M		2080lm 17.3W 81mA (90%)	2070lm 19.1W 90mA (100%)
ARYA S 5P5 70DE.100-2M		2300lm 19.1W 90mA (90%)	2290lm 21.2W 100mA (100%)
ARYA S 5P5 70DE.120-2M		2740lm 22.1W 108mA (90%)	2730lm 24.5W 120mA (100%)
ARYA S 5P5 70DE.140-2M		3160lm 25.5W 125mA (89%)	3160lm 28.7W 140mA (100%)
ARYA S 5P5 70DE.160-2M		3560lm 28W 142mA (88%)	3560lm 31.7W 160mA (100%)
ARYA S 5P5 70DE.180-2M		3940lm 31.5W 159mA (88%)	3940lm 35.8W 180mA (100%)
ARYA S 5P5 70DE.200-2M	S	4280lm 34.8W 175mA (87%)	4280lm 40W 200mA (100%)
ARYA S 5P5 70DE.060-4M		2820lm 22.1W 54mA (90%)	2810lm 24.4W 60mA (100%)
ARYA S 5P5 70DE.070-4M		3260lm 25.5W 63mA (90%)	3250lm 28.2W 70mA (100%)
ARYA S 5P5 70DE.080-4M		3710lm 28.9W 72mA (90%)	3690lm 31.9W 80mA (100%)
ARYA S 5P5 70DE.090-4M		4150lm 32.3W 81mA (90%)	4140lm 35.8W 90mA (100%)
ARYA S 5P5 70DE.100-4M		4600lm 35.8W 90mA (90%)	4580lm 39.6W 100mA (100%)
ARYA S 5P5 70DE.120-4M		5470lm 42.4W 108mA (90%)	5450lm 47W 120mA (100%)
ARYA S 5P5 70DE.140-4M		6290lm 49W 125mA (89%)	6290lm 54.9W 140mA (100%)
ARYA S 5P5 70DE.160-4M		7120lm 55W 143mA (89%)	7090lm 61.7W 160mA (100%)
ARYA S 5P5 70DE.180-4M		7830lm 61.3W 159mA (88%)	7830lm 69.7W 180mA (100%)
ARYA S 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.
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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 S 5P5 70DE.090-2M	STE-M	2350lm	19.1W	90mA (100%)	1770lm	16.1W	75mA (83%)
ARYA S 5P5 70DE.100-2M		2600lm	21.2W	100mA (100%)	1950lm	17.7W	83mA (83%)
ARYA S 5P5 70DE.120-2M		3100lm	24.5W	120mA (100%)	2340lm	21.2W	100mA (83%)
ARYA S 5P5 70DE.140-2M		3590lm	28.7W	140mA (100%)	2700lm	23.7W	116mA (82%)
ARYA S 5P5 70DE.160-2M		4050lm	31.7W	160mA (100%)	3040lm	26.8W	131mA (81%)
ARYA S 5P5 70DE.180-2M	STW	4480lm	35.8W	180mA (100%)	3360lm	28.8W	146mA (81%)
ARYA S 5P5 70DE.200-2M		4870lm	40W	200mA (100%)	3670lm	31.9W	161mA (80%)
ARYA S 5P5 70DE.090-2M	S05	2300lm	19.1W	90mA (100%)	1730lm	16.1W	75mA (83%)
ARYA S 5P5 70DE.100-2M		2550lm	21.2W	100mA (100%)	1940lm	17.9W	84mA (84%)
ARYA S 5P5 70DE.120-2M		3040lm	24.5W	120mA (100%)	2290lm	21.2W	100mA (83%)
ARYA S 5P5 70DE.140-2M		3510lm	28.7W	140mA (100%)	2650lm	23.7W	116mA (82%)
ARYA S 5P5 70DE.160-2M		3960lm	31.7W	160mA (100%)	2970lm	26.8W	131mA (81%)
ARYA S 5P5 70DE.180-2M	STE-S	4380lm	35.8W	180mA (100%)	3300lm	29W	147mA (81%)
ARYA S 5P5 70DE.200-2M		4760lm	40W	200mA (100%)	3580lm	31.9W	161mA (80%)
ARYA S 5P5 70DE.060-4M	S	3120lm	24.4W	60mA (100%)	2360lm	20.7W	50mA (83%)
ARYA S 5P5 70DE.070-4M		3610lm	28.2W	70mA (100%)	2720lm	23.6W	58mA (82%)
ARYA S 5P5 70DE.080-4M		4100lm	31.9W	80mA (100%)	3120lm	27W	67mA (83%)
ARYA S 5P5 70DE.090-4M		4600lm	35.8W	90mA (100%)	3470lm	30W	75mA (83%)
ARYA S 5P5 70DE.100-4M		5090lm	39.6W	100mA (100%)	3830lm	33.1W	83mA (83%)
ARYA S 5P5 70DE.120-4M		6050lm	47W	120mA (100%)	4580lm	39.6W	100mA (83%)
ARYA S 5P5 70DE.140-4M		6980lm	54.9W	140mA (100%)	5270lm	45.5W	116mA (82%)
ARYA S 5P5 70DE.160-4M		7870lm	61.7W	160mA (100%)	5910lm	51.3W	131mA (81%)
ARYA S 5P5 70DE.180-4M		8700lm	69.7W	180mA (100%)	6530lm	56.2W	146mA (81%)
ARYA S 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 S 5P5 70DE.090-2M	STE-M	2350lm	19.1W	90mA (100%)	1790lm	15.5W		1180lm	11.1W	49mA (54%)
ARYA S 5P5 70DE.100-2M		2600lm	21.2W	100mA (100%)	1950lm	16.9W		1300lm	12W	54mA (54%)
ARYA S 5P5 70DE.120-2M		3100lm	24.5W	120mA (100%)	2340lm	20.2W		1570lm	14.3W	66mA (55%)
ARYA S 5P5 70DE.140-2M		3590lm	28.7W	140mA (100%)	2700lm	22.5W		1820lm	16.5W	77mA (55%)
ARYA S 5P5 70DE.160-2M		4050lm	31.7W	160mA (100%)	3050lm	25.5W		2040lm	18.5W	87mA (54%)
ARYA S 5P5 70DE.180-2M	STW	4480lm	35.8W	180mA (100%)	3370lm	28.5W		2250lm	20.4W	96mA (53%)
ARYA S 5P5 70DE.200-2M		4870lm	40W	200mA (100%)	3660lm	30W		2450lm	21.4W	105mA (52%)
ARYA S 5P5 70DE.090-2M	S05	2300lm	19.1W	90mA (100%)	1730lm	15.3W		1160lm	11.1W	49mA (54%)
ARYA S 5P5 70DE.100-2M		2550lm	21.2W	100mA (100%)	1940lm	17.1W		1290lm	12.2W	55mA (55%)
ARYA S 5P5 70DE.120-2M		3040lm	24.5W	120mA (100%)	2290lm	20.2W		1530lm	14.3W	66mA (55%)
ARYA S 5P5 70DE.140-2M		3510lm	28.7W	140mA (100%)	2640lm	22.5W		1760lm	16.3W	76mA (54%)
ARYA S 5P5 70DE.160-2M		3960lm	31.7W	160mA (100%)	2980lm	25.5W		1980lm	18.3W	86mA (53%)
ARYA S 5P5 70DE.180-2M	STE-S	4380lm	35.8W	180mA (100%)	3290lm	28.5W		2200lm	20.4W	96mA (53%)
ARYA S 5P5 70DE.200-2M		4760lm	40W	200mA (100%)	3570lm	30W		2380lm	21.2W	104mA (52%)
ARYA S 5P5 70DE.060-4M	S	3120lm	24.4W	60mA (100%)	2340lm	19.5W		1580lm	14W	32mA (53%)
ARYA S 5P5 70DE.070-4M		3610lm	28.2W	70mA (100%)	2710lm	22.5W		1840lm	16.2W	38mA (54%)
ARYA S 5P5 70DE.080-4M		4100lm	31.9W	80mA (100%)	3080lm	25.5W		2060lm	18.1W	43mA (53%)
ARYA S 5P5 70DE.090-4M		4600lm	35.8W	90mA (100%)	3460lm	28.5W		2320lm	20.3W	49mA (54%)
ARYA S 5P5 70DE.100-4M		5090lm	39.6W	100mA (100%)	3830lm	31.6W		2580lm	22.5W	55mA (55%)
ARYA S 5P5 70DE.120-4M		6050lm	47W	120mA (100%)	4570lm	37.7W		3030lm	26.3W	65mA (54%)
ARYA S 5P5 70DE.140-4M		6980lm	54.9W	140mA (100%)	5260lm	43.1W		3510lm	30.4W	76mA (54%)
ARYA S 5P5 70DE.160-4M		7870lm	61.7W	160mA (100%)	5940lm	49W		3960lm	34.2W	86mA (53%)
ARYA S 5P5 70DE.180-4M		8700lm	69.7W	180mA (100%)	6550lm	54.5W		4360lm	37.7W	95mA (52%)
ARYA S 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.

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

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ARYA S 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 S 4P4 70DE.120-2M		120	2430	2290	2180	19.6	123.9
ARYA S 4P4 70DE.140-2M	S05	140	2810	2650	2530	23	122.1
ARYA S 4P4 70DE.160-2M	S07	160	3170	2990	2850	25.4	124.8
ARYA S 4P4 70DE.180-2M	STE-S	180	3510	3310	3150	28.7	122.2
ARYA S 4P4 70DE.200-2M		200	3810	3600	3430	31.9	119.4
ARYA S 4P4 70DE.120-2M		120	2460	2320	2210	19.6	125.5
ARYA S 4P4 70DE.140-2M	STA	140	2840	2690	2560	23	123.4
ARYA S 4P4 70DE.160-2M	STA1	160	3210	3030	2890	25.4	126.3
ARYA S 4P4 70DE.180-2M	STU-S	180	3550	3350	3190	28.7	123.6
ARYA S 4P4 70DE.200-2M		200	3850	3640	3470	31.9	120.6
ARYA S 4P4 70DE.120-2M		120	2510	2370	2260	19.6	128.0
ARYA S 4P4 70DE.140-2M	STE-M	140	2910	2750	2620	23	126.5
ARYA S 4P4 70DE.160-2M	STU-M	160	3280	3100	2950	25.4	129.1
ARYA S 4P4 70DE.180-2M	STW	180	3630	3430	3270	28.7	126.4
ARYA S 4P4 70DE.200-2M		200	3940	3720	3550	31.9	123.5
ARYA S 4P4 70DE.080-4M		80	3280	3100	2950	25.7	127.6
ARYA S 4P4 70DE.090-4M		90	3680	3470	3310	28.7	128.2
ARYA S 4P4 70DE.100-4M		100	4070	3840	3660	31.8	127.9
ARYA S 4P4 70DE.120-4M		120	4840	4570	4360	37.7	128.3
ARYA S 4P4 70DE.140-4M	S	140	5590	5280	5030	44	127.0
ARYA S 4P4 70DE.160-4M		160	6300	5950	5670	49.5	127.2
ARYA S 4P4 70DE.180-4M		180	6960	6580	6270	55.9	124.5
ARYA S 4P4 70DE.200-4M		200	7570	7150	6810	62.3	121.5

*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 S 4P4 70DE.120-2M		2190lm 17.7W 108mA (90%)	2180lm 19.6W 120mA (100%)
ARYA S 4P4 70DE.140-2M	S05	2540lm 20.6W 126mA (90%)	2530lm 23W 140mA (100%)
ARYA S 4P4 70DE.160-2M	S07	2850lm 22.5W 142mA (88%)	2850lm 25.4W 160mA (100%)
ARYA S 4P4 70DE.180-2M	STE-S	3150lm 25.3W 159mA (88%)	3150lm 28.7W 180mA (100%)
ARYA S 4P4 70DE.200-2M		3440lm 28W 176mA (88%)	3430lm 31.9W 200mA (100%)
ARYA S 4P4 70DE.120-2M		2220lm 17.7W 108mA (90%)	2210lm 19.6W 120mA (100%)
ARYA S 4P4 70DE.140-2M	STA	2560lm 20.5W 125mA (89%)	2560lm 23W 140mA (100%)
ARYA S 4P4 70DE.160-2M	STA1	2900lm 22.6W 143mA (89%)	2890lm 25.4W 160mA (100%)
ARYA S 4P4 70DE.180-2M	STU-S	3190lm 25.3W 159mA (88%)	3190lm 28.7W 180mA (100%)
ARYA S 4P4 70DE.200-2M		3480lm 28W 176mA (88%)	3470lm 31.9W 200mA (100%)
ARYA S 4P4 70DE.120-2M		2270lm 17.7W 108mA (90%)	2260lm 19.6W 120mA (100%)
ARYA S 4P4 70DE.140-2M	STE-M	2630lm 20.6W 126mA (90%)	2620lm 23W 140mA (100%)
ARYA S 4P4 70DE.160-2M	STU-M	2950lm 22.5W 142mA (88%)	2950lm 25.4W 160mA (100%)
ARYA S 4P4 70DE.180-2M	STW	3280lm 25.4W 160mA (88%)	3270lm 28.7W 180mA (100%)
ARYA S 4P4 70DE.200-2M		3560lm 28W 176mA (88%)	3550lm 31.9W 200mA (100%)
ARYA S 4P4 70DE.080-4M		2960lm 23.3W 72mA (90%)	2950lm 25.7W 80mA (100%)
ARYA S 4P4 70DE.090-4M		3320lm 26W 81mA (90%)	3310lm 28.7W 90mA (100%)
ARYA S 4P4 70DE.100-4M		3680lm 28.7W 90mA (90%)	3660lm 31.8W 100mA (100%)
ARYA S 4P4 70DE.120-4M		4380lm 34W 108mA (90%)	4360lm 37.7W 120mA (100%)
ARYA S 4P4 70DE.140-4M	S	5030lm 39.2W 125mA (89%)	5030lm 44W 140mA (100%)
ARYA S 4P4 70DE.160-4M		5700lm 44.1W 143mA (89%)	5670lm 49.5W 160mA (100%)
ARYA S 4P4 70DE.180-4M		6270lm 49.1W 159mA (88%)	6270lm 55.9W 180mA (100%)
ARYA S 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 S 4P4 70DE.120-2M		2430lm	19.6W	120mA (100%)	1830lm	17W	100mA (83%)
ARYA S 4P4 70DE.140-2M	S05	2810lm	23W	140mA (100%)	2110lm	19W	116mA (82%)
ARYA S 4P4 70DE.160-2M	S07	3170lm	25.4W	160mA (100%)	2390lm	21.7W	132mA (82%)
ARYA S 4P4 70DE.180-2M	STE-S	3510lm	28.7W	180mA (100%)	2640lm	23.3W	147mA (81%)
ARYA S 4P4 70DE.200-2M		3810lm	31.9W	200mA (100%)	2870lm	25.6W	161mA (80%)
ARYA S 4P4 70DE.120-2M		2460lm	19.6W	120mA (100%)	1850lm	17W	100mA (83%)
ARYA S 4P4 70DE.140-2M	STA	2840lm	23W	140mA (100%)	2140lm	19W	116mA (82%)
ARYA S 4P4 70DE.160-2M	STA1	3210lm	25.4W	160mA (100%)	2410lm	21.5W	131mA (81%)
ARYA S 4P4 70DE.180-2M	STU-S	3550lm	28.7W	180mA (100%)	2680lm	23.3W	147mA (81%)
ARYA S 4P4 70DE.200-2M		3850lm	31.9W	200mA (100%)	2890lm	25.4W	160mA (80%)
ARYA S 4P4 70DE.120-2M		2510lm	19.6W	120mA (100%)	1900lm	17W	100mA (83%)
ARYA S 4P4 70DE.140-2M	STE-M	2910lm	23W	140mA (100%)	2190lm	19W	116mA (82%)
ARYA S 4P4 70DE.160-2M	STU-M	3280lm	25.4W	160mA (100%)	2460lm	21.5W	131mA (81%)
ARYA S 4P4 70DE.180-2M	STW	3630lm	28.7W	180mA (100%)	2740lm	23.3W	147mA (81%)
ARYA S 4P4 70DE.200-2M		3940lm	31.9W	200mA (100%)	2970lm	25.6W	161mA (80%)
ARYA S 4P4 70DE.080-4M		3280lm	25.7W	80mA (100%)	2490lm	21.9W	67mA (83%)
ARYA S 4P4 70DE.090-4M		3680lm	28.7W	90mA (100%)	2770lm	24.2W	75mA (83%)
ARYA S 4P4 70DE.100-4M		4070lm	31.8W	100mA (100%)	3060lm	26.6W	83mA (83%)
ARYA S 4P4 70DE.120-4M		4840lm	37.7W	120mA (100%)	3630lm	31.5W	99mA (82%)
ARYA S 4P4 70DE.140-4M	S	5590lm	44W	140mA (100%)	4220lm	36.4W	116mA (82%)
ARYA S 4P4 70DE.160-4M		6300lm	49.5W	160mA (100%)	4730lm	41.1W	131mA (81%)
ARYA S 4P4 70DE.180-4M		6960lm	55.9W	180mA (100%)	5230lm	45W	146mA (81%)
ARYA S 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 S 4P4 70DE.120-2M		2430lm	19.6W	120mA (100%)	1830lm	16.2W		1220lm	11.6W	66mA (55%)
ARYA S 4P4 70DE.140-2M	S05	2810lm	23W	140mA (100%)	2110lm	18W		1420lm	13.3W	77mA (55%)
ARYA S 4P4 70DE.160-2M	S07	3170lm	25.4W	160mA (100%)	2380lm	20.5W		1600lm	14.9W	87mA (54%)
ARYA S 4P4 70DE.180-2M	STE-S	3510lm	28.7W	180mA (100%)	2650lm	23W		1760lm	16.3W	96mA (53%)
ARYA S 4P4 70DE.200-2M		3810lm	31.9W	200mA (100%)	2860lm	24.1W		1920lm	17.2W	105mA (52%)
ARYA S 4P4 70DE.120-2M		2460lm	19.6W	120mA (100%)	1850lm	16.2W		1240lm	11.6W	66mA (55%)
ARYA S 4P4 70DE.140-2M	STA	2840lm	23W	140mA (100%)	2140lm	18W		1420lm	13.1W	76mA (54%)
ARYA S 4P4 70DE.160-2M	STA1	3210lm	25.4W	160mA (100%)	2410lm	20.5W		1620lm	14.9W	87mA (54%)
ARYA S 4P4 70DE.180-2M	STU-S	3550lm	28.7W	180mA (100%)	2670lm	22.8W		1780lm	16.3W	96mA (53%)
ARYA S 4P4 70DE.200-2M		3850lm	31.9W	200mA (100%)	2900lm	24.1W		1930lm	17W	104mA (52%)
ARYA S 4P4 70DE.120-2M		2510lm	19.6W	120mA (100%)	1890lm	16.2W		1270lm	11.6W	66mA (55%)
ARYA S 4P4 70DE.140-2M	STE-M	2910lm	23W	140mA (100%)	2200lm	18.2W		1470lm	13.3W	77mA (55%)
ARYA S 4P4 70DE.160-2M	STU-M	3280lm	25.4W	160mA (100%)	2470lm	20.5W		1640lm	14.7W	86mA (53%)
ARYA S 4P4 70DE.180-2M	STW	3630lm	28.7W	180mA (100%)	2730lm	22.8W		1820lm	16.3W	96mA (53%)
ARYA S 4P4 70DE.200-2M		3940lm	31.9W	200mA (100%)	2960lm	24.1W		1970lm	17W	104mA (52%)
ARYA S 4P4 70DE.080-4M		3280lm	25.7W	80mA (100%)	2460lm	20.7W		1640lm	14.9W	43mA (53%)
ARYA S 4P4 70DE.090-4M		3680lm	28.7W	90mA (100%)	2760lm	23W		1850lm	16.6W	49mA (54%)
ARYA S 4P4 70DE.100-4M		4070lm	31.8W	100mA (100%)	3060lm	25.4W		2070lm	18.4W	55mA (55%)
ARYA S 4P4 70DE.120-4M		4840lm	37.7W	120mA (100%)	3660lm	30.3W		2420lm	21.3W	65mA (54%)
ARYA S 4P4 70DE.140-4M	S	5590lm	44W	140mA (100%)	4210lm	34.6W		2810lm	24.5W	76mA (54%)
ARYA S 4P4 70DE.160-4M		6300lm	49.5W	160mA (100%)	4750lm	39.2W		3170lm	27.5W	86mA (53%)
ARYA S 4P4 70DE.180-4M		6960lm	55.9W	180mA (100%)	5240lm	43.7W		3480lm	30.3W	95mA (52%)
ARYA S 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 S 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 S 5P5 70DF.090-2M	STE-M STU-M STW	90	2450	2350	2110	19.1	128.2
ARYA S 5P5 70DF.100-2M		100	2720	2600	2340	21.2	128.3
ARYA S 5P5 70DF.120-2M		120	3240	3100	2790	24.5	132.2
ARYA S 5P5 70DF.140-2M		140	3750	3590	3230	28.7	130.6
ARYA S 5P5 70DF.160-2M		160	4230	4050	3650	31.7	133.4
ARYA S 5P5 70DF.180-2M		180	4680	4480	4030	35.8	130.7
ARYA S 5P5 70DF.200-2M	S05 S07 STA STA1 STE-S STU-S	200	5090	4870	4380	40	127.2
ARYA S 5P5 70DF.090-2M		90	2400	2300	2070	19.1	125.6
ARYA S 5P5 70DF.100-2M		100	2660	2550	2290	21.2	125.4
ARYA S 5P5 70DF.120-2M		120	3170	3040	2730	24.5	129.3
ARYA S 5P5 70DF.140-2M		140	3670	3510	3160	28.7	127.8
ARYA S 5P5 70DF.160-2M		160	4140	3960	3560	31.7	130.5
ARYA S 5P5 70DF.180-2M		180	4580	4380	3940	35.8	127.9
ARYA S 5P5 70DF.200-2M		200	4970	4760	4280	40	124.2
ARYA S 5P5 70DF.060-4M	S	60	3260	3120	2810	24.4	133.6
ARYA S 5P5 70DF.070-4M		70	3770	3610	3250	28.2	133.6
ARYA S 5P5 70DF.080-4M		80	4280	4100	3690	31.9	134.1
ARYA S 5P5 70DF.090-4M		90	4800	4600	4140	35.8	134.0
ARYA S 5P5 70DF.100-4M		100	5310	5090	4580	39.6	134.0
ARYA S 5P5 70DF.120-4M		120	6320	6050	5450	47	134.4
ARYA S 5P5 70DF.140-4M		140	7290	6980	6290	54.9	132.7
ARYA S 5P5 70DF.160-4M		160	8220	7870	7090	61.7	133.2
ARYA S 5P5 70DF.180-4M		180	9090	8700	7830	69.7	130.4
ARYA S 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 S 5P5 70DF.090-2M	STE-M STU-M STW	2110lm 16.5W 77mA (85%)	2110lm 19.1W 90mA (100%)
ARYA S 5P5 70DF.100-2M		2350lm 18.3W 86mA (86%)	2340lm 21.2W 100mA (100%)
ARYA S 5P5 70DF.120-2M		2800lm 21W 103mA (85%)	2790lm 24.5W 120mA (100%)
ARYA S 5P5 70DF.140-2M		3240lm 24.5W 120mA (85%)	3230lm 28.7W 140mA (100%)
ARYA S 5P5 70DF.160-2M		3650lm 27.8W 136mA (85%)	3650lm 31.7W 160mA (100%)
ARYA S 5P5 70DF.180-2M		4040lm 30W 152mA (84%)	4030lm 35.8W 180mA (100%)
ARYA S 5P5 70DF.200-2M	S05 S07 STA STA1 STE-S STU-S	4400lm 33.1W 167mA (83%)	4380lm 40W 200mA (100%)
ARYA S 5P5 70DF.090-2M		2090lm 16.7W 78mA (86%)	2070lm 19.1W 90mA (100%)
ARYA S 5P5 70DF.100-2M		2300lm 18.3W 86mA (86%)	2290lm 21.2W 100mA (100%)
ARYA S 5P5 70DF.120-2M		2740lm 21W 103mA (85%)	2730lm 24.5W 120mA (100%)
ARYA S 5P5 70DF.140-2M		3170lm 24.5W 120mA (85%)	3160lm 28.7W 140mA (100%)
ARYA S 5P5 70DF.160-2M		3570lm 27.8W 136mA (85%)	3560lm 31.7W 160mA (100%)
ARYA S 5P5 70DF.180-2M		3950lm 30W 152mA (84%)	3940lm 35.8W 180mA (100%)
ARYA S 5P5 70DF.200-2M		4290lm 33.1W 167mA (83%)	4280lm 40W 200mA (100%)
ARYA S 5P5 70DF.060-4M	S	2850lm 21.4W 52mA (86%)	2810lm 24.4W 60mA (100%)
ARYA S 5P5 70DF.070-4M		3260lm 24.4W 60mA (85%)	3250lm 28.2W 70mA (100%)
ARYA S 5P5 70DF.080-4M		3720lm 27.8W 69mA (86%)	3690lm 31.9W 80mA (100%)
ARYA S 5P5 70DF.090-4M		4180lm 31.2W 78mA (86%)	4140lm 35.8W 90mA (100%)
ARYA S 5P5 70DF.100-4M		4590lm 34.2W 86mA (86%)	4580lm 39.6W 100mA (100%)
ARYA S 5P5 70DF.120-4M		5460lm 40.4W 103mA (85%)	5450lm 47W 120mA (100%)
ARYA S 5P5 70DF.140-4M		6320lm 47W 120mA (85%)	6290lm 54.9W 140mA (100%)
ARYA S 5P5 70DF.160-4M		7100lm 53.3W 136mA (85%)	7090lm 61.7W 160mA (100%)
ARYA S 5P5 70DF.180-4M		7860lm 58.6W 152mA (84%)	7830lm 69.7W 180mA (100%)
ARYA S 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 S 5P5 70DF.090-2M	STE-M	2450lm	19.1W	90mA (100%)	1840lm	16.7W	78mA (86%)
ARYA S 5P5 70DF.100-2M		2720lm	21.2W	100mA (100%)	2040lm	18.5W	87mA (87%)
ARYA S 5P5 70DF.120-2M		3240lm	24.5W	120mA (100%)	2430lm	21.2W	104mA (86%)
ARYA S 5P5 70DF.140-2M		3750lm	28.7W	140mA (100%)	2820lm	24.7W	121mA (86%)
ARYA S 5P5 70DF.160-2M		4230lm	31.7W	160mA (100%)	3190lm	28.3W	138mA (86%)
ARYA S 5P5 70DF.180-2M	STW	4680lm	35.8W	180mA (100%)	3510lm	30.3W	153mA (85%)
ARYA S 5P5 70DF.200-2M		5090lm	40W	200mA (100%)	3830lm	33.5W	169mA (84%)
ARYA S 5P5 70DF.090-2M	S05	2400lm	19.1W	90mA (100%)	1800lm	16.7W	78mA (86%)
ARYA S 5P5 70DF.100-2M		2660lm	21.2W	100mA (100%)	2000lm	18.5W	87mA (87%)
ARYA S 5P5 70DF.120-2M		3170lm	24.5W	120mA (100%)	2380lm	21.2W	104mA (86%)
ARYA S 5P5 70DF.140-2M		3670lm	28.7W	140mA (100%)	2780lm	24.9W	122mA (87%)
ARYA S 5P5 70DF.160-2M		4140lm	31.7W	160mA (100%)	3120lm	28.3W	138mA (86%)
ARYA S 5P5 70DF.180-2M	STE-S	4580lm	35.8W	180mA (100%)	3450lm	30.5W	154mA (85%)
ARYA S 5P5 70DF.200-2M		4970lm	40W	200mA (100%)	3740lm	33.5W	169mA (84%)
ARYA S 5P5 70DF.060-4M	S	3260lm	24.4W	60mA (100%)	2450lm	21.4W	52mA (86%)
ARYA S 5P5 70DF.070-4M		3770lm	28.2W	70mA (100%)	2850lm	24.8W	61mA (87%)
ARYA S 5P5 70DF.080-4M		4280lm	31.9W	80mA (100%)	3250lm	28.2W	70mA (87%)
ARYA S 5P5 70DF.090-4M		4800lm	35.8W	90mA (100%)	3600lm	31.2W	78mA (86%)
ARYA S 5P5 70DF.100-4M		5310lm	39.6W	100mA (100%)	4000lm	34.6W	87mA (87%)
ARYA S 5P5 70DF.120-4M		6320lm	47W	120mA (100%)	4750lm	40.8W	104mA (86%)
ARYA S 5P5 70DF.140-4M		7290lm	54.9W	140mA (100%)	5490lm	47.4W	121mA (86%)
ARYA S 5P5 70DF.160-4M		8220lm	61.7W	160mA (100%)	6200lm	54.1W	138mA (86%)
ARYA S 5P5 70DF.180-4M		9090lm	69.7W	180mA (100%)	6850lm	59.4W	154mA (85%)
ARYA S 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 S 5P5 70DF.090-2M	STE-M	2450lm	19.1W	90mA (100%)	1840lm	15.1W		1230lm	11.5W	51mA (56%)
ARYA S 5P5 70DF.100-2M		2720lm	21.2W	100mA (100%)	2040lm	16.7W		1360lm	12.6W	57mA (56%)
ARYA S 5P5 70DF.120-2M		3240lm	24.5W	120mA (100%)	2450lm	20W		1630lm	14.9W	69mA (57%)
ARYA S 5P5 70DF.140-2M		3750lm	28.7W	140mA (100%)	2830lm	22.3W		1880lm	17.1W	80mA (57%)
ARYA S 5P5 70DF.160-2M		4230lm	31.7W	160mA (100%)	3180lm	25.1W		2140lm	19.3W	91mA (56%)
ARYA S 5P5 70DF.180-2M	STW	4680lm	35.8W	180mA (100%)	3520lm	28W		2340lm	21.2W	100mA (55%)
ARYA S 5P5 70DF.200-2M		5090lm	40W	200mA (100%)	3830lm	29.6W		2550lm	22.3W	109mA (54%)
ARYA S 5P5 70DF.090-2M	S05	2400lm	19.1W	90mA (100%)	1800lm	15.1W		1200lm	11.5W	51mA (56%)
ARYA S 5P5 70DF.100-2M		2660lm	21.2W	100mA (100%)	2000lm	16.7W		1330lm	12.6W	57mA (56%)
ARYA S 5P5 70DF.120-2M		3170lm	24.5W	120mA (100%)	2400lm	20W		1600lm	14.9W	69mA (57%)
ARYA S 5P5 70DF.140-2M		3670lm	28.7W	140mA (100%)	2770lm	22.3W		1850lm	17.1W	80mA (57%)
ARYA S 5P5 70DF.160-2M		4140lm	31.7W	160mA (100%)	3110lm	25.1W		2070lm	19.1W	90mA (56%)
ARYA S 5P5 70DF.180-2M	STE-S	4580lm	35.8W	180mA (100%)	3440lm	28W		2290lm	21.2W	100mA (55%)
ARYA S 5P5 70DF.200-2M		4970lm	40W	200mA (100%)	3740lm	29.6W		2490lm	22.3W	109mA (54%)
ARYA S 5P5 70DF.060-4M	S	3260lm	24.4W	60mA (100%)	2480lm	19.5W		1670lm	14.7W	34mA (56%)
ARYA S 5P5 70DF.070-4M		3770lm	28.2W	70mA (100%)	2870lm	22.5W		1930lm	17W	40mA (57%)
ARYA S 5P5 70DF.080-4M		4280lm	31.9W	80mA (100%)	3220lm	25.1W		2150lm	18.8W	45mA (56%)
ARYA S 5P5 70DF.090-4M		4800lm	35.8W	90mA (100%)	3610lm	28.2W		2410lm	21W	51mA (56%)
ARYA S 5P5 70DF.100-4M		5310lm	39.6W	100mA (100%)	4000lm	31.2W		2670lm	23.3W	57mA (56%)
ARYA S 5P5 70DF.120-4M		6320lm	47W	120mA (100%)	4740lm	36.9W		3160lm	27.4W	68mA (56%)
ARYA S 5P5 70DF.140-4M		7290lm	54.9W	140mA (100%)	5470lm	42.4W		3650lm	31.6W	79mA (56%)
ARYA S 5P5 70DF.160-4M		8220lm	61.7W	160mA (100%)	6190lm	48.2W		4140lm	35.8W	90mA (56%)
ARYA S 5P5 70DF.180-4M		9090lm	69.7W	180mA (100%)	6850lm	53.7W		4580lm	39.6W	100mA (55%)
ARYA S 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 S 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 S 4P4 70DF.120-2M		120	2530	2430	2180	19.6	129.0
ARYA S 4P4 70DF.140-2M	S05	140	2930	2810	2530	23	127.3
ARYA S 4P4 70DF.160-2M	S07	160	3310	3170	2850	25.4	130.3
ARYA S 4P4 70DF.180-2M	STE-S	180	3660	3510	3150	28.7	127.5
ARYA S 4P4 70DF.200-2M		200	3980	3810	3430	31.9	124.7
ARYA S 4P4 70DF.120-2M		120	2570	2460	2210	19.6	131.1
ARYA S 4P4 70DF.140-2M	STA	140	2970	2840	2560	23	129.1
ARYA S 4P4 70DF.160-2M	STA1	160	3350	3210	2890	25.4	131.8
ARYA S 4P4 70DF.180-2M	STU-S	180	3710	3550	3190	28.7	129.2
ARYA S 4P4 70DF.200-2M		200	4020	3850	3470	31.9	126.0
ARYA S 4P4 70DF.120-2M		120	2620	2510	2260	19.6	133.6
ARYA S 4P4 70DF.140-2M	STE-M	140	3040	2910	2620	23	132.1
ARYA S 4P4 70DF.160-2M	STU-M	160	3430	3280	2950	25.4	135.0
ARYA S 4P4 70DF.180-2M	STW	180	3790	3630	3270	28.7	132.0
ARYA S 4P4 70DF.200-2M		200	4120	3940	3550	31.9	129.1
ARYA S 4P4 70DF.080-4M		80	3430	3280	2950	25.7	133.4
ARYA S 4P4 70DF.090-4M		90	3840	3680	3310	28.7	133.7
ARYA S 4P4 70DF.100-4M		100	4250	4070	3660	31.8	133.6
ARYA S 4P4 70DF.120-4M		120	5060	4840	4360	37.7	134.2
ARYA S 4P4 70DF.140-4M	S	140	5840	5590	5030	44	132.7
ARYA S 4P4 70DF.160-4M		160	6580	6300	5670	49.5	132.9
ARYA S 4P4 70DF.180-4M		180	7270	6960	6270	55.9	130.0
ARYA S 4P4 70DF.200-4M		200	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 S 4P4 70DF.120-2M		2190lm	16.9W	103mA (85%)	2180lm	19.6W	120mA (100%)
ARYA S 4P4 70DF.140-2M	S05	2530lm	19.6W	120mA (85%)	2530lm	23W	140mA (100%)
ARYA S 4P4 70DF.160-2M	S07	2850lm	22.3W	136mA (85%)	2850lm	25.4W	160mA (100%)
ARYA S 4P4 70DF.180-2M	STE-S	3160lm	24.1W	152mA (84%)	3150lm	28.7W	180mA (100%)
ARYA S 4P4 70DF.200-2M		3440lm	26.6W	167mA (83%)	3430lm	31.9W	200mA (100%)
ARYA S 4P4 70DF.120-2M		2220lm	16.9W	103mA (85%)	2210lm	19.6W	120mA (100%)
ARYA S 4P4 70DF.140-2M	STA	2570lm	19.6W	120mA (85%)	2560lm	23W	140mA (100%)
ARYA S 4P4 70DF.160-2M	STA1	2890lm	22.3W	136mA (85%)	2890lm	25.4W	160mA (100%)
ARYA S 4P4 70DF.180-2M	STU-S	3200lm	24.1W	152mA (84%)	3190lm	28.7W	180mA (100%)
ARYA S 4P4 70DF.200-2M		3480lm	26.6W	167mA (83%)	3470lm	31.9W	200mA (100%)
ARYA S 4P4 70DF.120-2M		2260lm	16.9W	103mA (85%)	2260lm	19.6W	120mA (100%)
ARYA S 4P4 70DF.140-2M	STE-M	2620lm	19.6W	120mA (85%)	2620lm	23W	140mA (100%)
ARYA S 4P4 70DF.160-2M	STU-M	2960lm	22.3W	136mA (85%)	2950lm	25.4W	160mA (100%)
ARYA S 4P4 70DF.180-2M	STW	3290lm	24.3W	153mA (85%)	3270lm	28.7W	180mA (100%)
ARYA S 4P4 70DF.200-2M		3560lm	26.6W	167mA (83%)	3550lm	31.9W	200mA (100%)
ARYA S 4P4 70DF.080-4M		2970lm	22.4W	69mA (86%)	2950lm	25.7W	80mA (100%)
ARYA S 4P4 70DF.090-4M		3340lm	25.1W	78mA (86%)	3310lm	28.7W	90mA (100%)
ARYA S 4P4 70DF.100-4M		3670lm	27.5W	86mA (86%)	3660lm	31.8W	100mA (100%)
ARYA S 4P4 70DF.120-4M		4370lm	32.4W	103mA (85%)	4360lm	37.7W	120mA (100%)
ARYA S 4P4 70DF.140-4M	S	5060lm	37.7W	120mA (85%)	5030lm	44W	140mA (100%)
ARYA S 4P4 70DF.160-4M		5680lm	42.7W	136mA (85%)	5670lm	49.5W	160mA (100%)
ARYA S 4P4 70DF.180-4M		6290lm	46.9W	152mA (84%)	6270lm	55.9W	180mA (100%)
ARYA S 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 S 4P4 70DF.120-2M		2530lm	19.6W	120mA (100%)	1900lm	17W	104mA (86%)
ARYA S 4P4 70DF.140-2M	S05	2930lm	23W	140mA (100%)	2200lm	19.8W	121mA (86%)
ARYA S 4P4 70DF.160-2M	S07	3310lm	25.4W	160mA (100%)	2490lm	22.7W	138mA (86%)
ARYA S 4P4 70DF.180-2M	STE-S	3660lm	28.7W	180mA (100%)	2760lm	24.4W	154mA (85%)
ARYA S 4P4 70DF.200-2M		3980lm	31.9W	200mA (100%)	2990lm	26.9W	169mA (84%)
ARYA S 4P4 70DF.120-2M		2570lm	19.6W	120mA (100%)	1930lm	17W	104mA (86%)
ARYA S 4P4 70DF.140-2M	STA	2970lm	23W	140mA (100%)	2230lm	19.8W	121mA (86%)
ARYA S 4P4 70DF.160-2M	STA1	3350lm	25.4W	160mA (100%)	2530lm	22.7W	138mA (86%)
ARYA S 4P4 70DF.180-2M	STU-S	3710lm	28.7W	180mA (100%)	2790lm	24.4W	154mA (85%)
ARYA S 4P4 70DF.200-2M		4020lm	31.9W	200mA (100%)	3030lm	26.9W	169mA (84%)
ARYA S 4P4 70DF.120-2M		2620lm	19.6W	120mA (100%)	1970lm	17W	104mA (86%)
ARYA S 4P4 70DF.140-2M	STE-M	3040lm	23W	140mA (100%)	2280lm	19.8W	121mA (86%)
ARYA S 4P4 70DF.160-2M	STU-M	3430lm	25.4W	160mA (100%)	2580lm	22.7W	138mA (86%)
ARYA S 4P4 70DF.180-2M	STW	3790lm	28.7W	180mA (100%)	2850lm	24.4W	154mA (85%)
ARYA S 4P4 70DF.200-2M		4120lm	31.9W	200mA (100%)	3100lm	26.9W	169mA (84%)
ARYA S 4P4 70DF.080-4M		3430lm	25.7W	80mA (100%)	2600lm	22.7W	70mA (87%)
ARYA S 4P4 70DF.090-4M		3840lm	28.7W	90mA (100%)	2880lm	25.1W	78mA (86%)
ARYA S 4P4 70DF.100-4M		4250lm	31.8W	100mA (100%)	3200lm	27.8W	87mA (87%)
ARYA S 4P4 70DF.120-4M		5060lm	37.7W	120mA (100%)	3800lm	32.7W	104mA (86%)
ARYA S 4P4 70DF.140-4M	S	5840lm	44W	140mA (100%)	4390lm	38W	121mA (86%)
ARYA S 4P4 70DF.160-4M		6580lm	49.5W	160mA (100%)	4960lm	43.4W	138mA (86%)
ARYA S 4P4 70DF.180-4M		7270lm	55.9W	180mA (100%)	5480lm	47.6W	154mA (85%)
ARYA S 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 S 4P4 70DF.120-2M		2530lm	19.6W	120mA (100%)	1910lm	16W		1280lm	12W	69mA (57%)
ARYA S 4P4 70DF.140-2M	S05	2930lm	23W	140mA (100%)	2210lm	17.8W		1470lm	13.7W	80mA (57%)
ARYA S 4P4 70DF.160-2M	S07	3310lm	25.4W	160mA (100%)	2490lm	20.1W		1670lm	15.5W	91mA (56%)
ARYA S 4P4 70DF.180-2M	STE-S	3660lm	28.7W	180mA (100%)	2750lm	22.5W		1830lm	17W	100mA (55%)
ARYA S 4P4 70DF.200-2M		3980lm	31.9W	200mA (100%)	2990lm	23.8W		1990lm	17.8W	109mA (54%)
ARYA S 4P4 70DF.120-2M		2570lm	19.6W	120mA (100%)	1940lm	16W		1290lm	12W	69mA (57%)
ARYA S 4P4 70DF.140-2M	STA	2970lm	23W	140mA (100%)	2240lm	17.8W		1490lm	13.7W	80mA (57%)
ARYA S 4P4 70DF.160-2M	STA1	3350lm	25.4W	160mA (100%)	2520lm	20.1W		1690lm	15.5W	91mA (56%)
ARYA S 4P4 70DF.180-2M	STU-S	3710lm	28.7W	180mA (100%)	2790lm	22.5W		1870lm	16.5W	101mA (56%)
ARYA S 4P4 70DF.200-2M		4020lm	31.9W	200mA (100%)	3030lm	23.8W		2020lm	17.8W	109mA (54%)
ARYA S 4P4 70DF.120-2M		2620lm	19.6W	120mA (100%)	1980lm	16W		1320lm	12W	69mA (57%)
ARYA S 4P4 70DF.140-2M	STE-M	3040lm	23W	140mA (100%)	2290lm	17.8W		1520lm	13.7W	80mA (57%)
ARYA S 4P4 70DF.160-2M	STU-M	3430lm	25.4W	160mA (100%)	2590lm	20.3W		1730lm	15.5W	91mA (56%)
ARYA S 4P4 70DF.180-2M	STW	3790lm	28.7W	180mA (100%)	2850lm	22.5W		1900lm	17W	100mA (55%)
ARYA S 4P4 70DF.200-2M		4120lm	31.9W	200mA (100%)	3100lm	23.8W		2060lm	17.8W	109mA (54%)
ARYA S 4P4 70DF.080-4M		3430lm	25.7W	80mA (100%)	2610lm	20.7W		1750lm	15.8W	46mA (57%)
ARYA S 4P4 70DF.090-4M		3840lm	28.7W	90mA (100%)	2890lm	22.7W		1920lm	17.2W	51mA (56%)
ARYA S 4P4 70DF.100-4M		4250lm	31.8W	100mA (100%)	3200lm	25.1W		2140lm	18.9W	57mA (56%)
ARYA S 4P4 70DF.120-4M		5060lm	37.7W	120mA (100%)	3830lm	30W		2530lm	22.1W	68mA (56%)
ARYA S 4P4 70DF.140-4M	S	5840lm	44W	140mA (100%)	4380lm	34W		2920lm	25.4W	79mA (56%)
ARYA S 4P4 70DF.160-4M		6580lm	49.5W	160mA (100%)	4960lm	38.6W		3310lm	28.7W	90mA (56%)
ARYA S 4P4 70DF.180-4M		7270lm	55.9W	180mA (100%)	5480lm	43W		3660lm	31.8W	100mA (55%)
ARYA S 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 S 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 S 5P5 70EG.090-2M	STE-M	90	2610	2450	2350	19.1	136.6
ARYA S 5P5 70EG.100-2M		100	2890	2720	2600	21.2	136.3
ARYA S 5P5 70EG.120-2M		120	3450	3240	3100	24.5	140.8
ARYA S 5P5 70EG.140-2M		140	3990	3750	3590	28.7	139.0
ARYA S 5P5 70EG.160-2M		160	4500	4230	4050	31.7	141.9
ARYA S 5P5 70EG.180-2M		180	4980	4680	4480	35.8	139.1
ARYA S 5P5 70EG.200-2M	STU-M	200	5410	5090	4870	40	135.2
ARYA S 5P5 70EG.090-2M		90	2550	2400	2300	19.1	133.5
ARYA S 5P5 70EG.100-2M		100	2830	2660	2550	21.2	133.4
ARYA S 5P5 70EG.120-2M		120	3370	3170	3040	24.5	137.5
ARYA S 5P5 70EG.140-2M		140	3900	3670	3510	28.7	135.8
ARYA S 5P5 70EG.160-2M		160	4400	4140	3960	31.7	138.8
ARYA S 5P5 70EG.180-2M	STE-S	180	4870	4580	4380	35.8	136.0
ARYA S 5P5 70EG.200-2M		200	5290	4970	4760	40	132.2
ARYA S 5P5 70EG.060-4M	S	60	3460	3260	3120	24.4	141.8
ARYA S 5P5 70EG.070-4M		70	4010	3770	3610	28.2	142.1
ARYA S 5P5 70EG.080-4M		80	4560	4280	4100	31.9	142.9
ARYA S 5P5 70EG.090-4M		90	5110	4800	4600	35.8	142.7
ARYA S 5P5 70EG.100-4M		100	5650	5310	5090	39.6	142.6
ARYA S 5P5 70EG.120-4M		120	6720	6320	6050	47	142.9
ARYA S 5P5 70EG.140-4M		140	7760	7290	6980	54.9	141.3
ARYA S 5P5 70EG.160-4M		160	8750	8220	7870	61.7	141.8
ARYA S 5P5 70EG.180-4M		180	9670	9090	8700	69.7	138.7
ARYA S 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 S 5P5 70EG.090-2M	STE-M	2350lm 17.3W 81mA (90%)	2350lm 19.1W 90mA (100%)
ARYA S 5P5 70EG.100-2M		2610lm 19.1W 90mA (90%)	2600lm 21.2W 100mA (100%)
ARYA S 5P5 70EG.120-2M		3110lm 22.1W 108mA (90%)	3100lm 24.5W 120mA (100%)
ARYA S 5P5 70EG.140-2M		3590lm 25.5W 125mA (89%)	3590lm 28.7W 140mA (100%)
ARYA S 5P5 70EG.160-2M		4070lm 28.2W 143mA (89%)	4050lm 31.7W 160mA (100%)
ARYA S 5P5 70EG.180-2M		4480lm 31.5W 159mA (88%)	4480lm 35.8W 180mA (100%)
ARYA S 5P5 70EG.200-2M	STU-M	4870lm 34.8W 175mA (87%)	4870lm 40W 200mA (100%)
ARYA S 5P5 70EG.090-2M		2310lm 17.3W 81mA (90%)	2300lm 19.1W 90mA (100%)
ARYA S 5P5 70EG.100-2M		2550lm 19.1W 90mA (90%)	2550lm 21.2W 100mA (100%)
ARYA S 5P5 70EG.120-2M		3050lm 22.1W 108mA (90%)	3040lm 24.5W 120mA (100%)
ARYA S 5P5 70EG.140-2M		3510lm 25.5W 125mA (89%)	3510lm 28.7W 140mA (100%)
ARYA S 5P5 70EG.160-2M		3980lm 28.2W 143mA (89%)	3960lm 31.7W 160mA (100%)
ARYA S 5P5 70EG.180-2M	STE-S	4380lm 31.5W 159mA (88%)	4380lm 35.8W 180mA (100%)
ARYA S 5P5 70EG.200-2M		4780lm 35W 176mA (88%)	4760lm 40W 200mA (100%)
ARYA S 5P5 70EG.060-4M	S	3140lm 22.1W 54mA (90%)	3120lm 24.4W 60mA (100%)
ARYA S 5P5 70EG.070-4M		3630lm 25.5W 63mA (90%)	3610lm 28.2W 70mA (100%)
ARYA S 5P5 70EG.080-4M		4120lm 28.9W 72mA (90%)	4100lm 31.9W 80mA (100%)
ARYA S 5P5 70EG.090-4M		4610lm 32.3W 81mA (90%)	4600lm 35.8W 90mA (100%)
ARYA S 5P5 70EG.100-4M		5110lm 35.8W 90mA (90%)	5090lm 39.6W 100mA (100%)
ARYA S 5P5 70EG.120-4M		6080lm 42.4W 108mA (90%)	6050lm 47W 120mA (100%)
ARYA S 5P5 70EG.140-4M		6990lm 49W 125mA (89%)	6980lm 54.9W 140mA (100%)
ARYA S 5P5 70EG.160-4M		7910lm 55W 143mA (89%)	7870lm 61.7W 160mA (100%)
ARYA S 5P5 70EG.180-4M		8700lm 61.3W 159mA (88%)	8700lm 69.7W 180mA (100%)
ARYA S 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 S 5P5 70EG.090-2M	STE-M	2610lm	19.1W	90mA (100%)	1970lm	16.1W	75mA (83%)
ARYA S 5P5 70EG.100-2M		2890lm	21.2W	100mA (100%)	2170lm	17.7W	83mA (83%)
ARYA S 5P5 70EG.120-2M		3450lm	24.5W	120mA (100%)	2600lm	21.2W	100mA (83%)
ARYA S 5P5 70EG.140-2M		3990lm	28.7W	140mA (100%)	3000lm	23.7W	116mA (82%)
ARYA S 5P5 70EG.160-2M		4500lm	31.7W	160mA (100%)	3400lm	27W	132mA (82%)
ARYA S 5P5 70EG.180-2M	STW	4980lm	35.8W	180mA (100%)	3760lm	29W	147mA (81%)
ARYA S 5P5 70EG.200-2M		5410lm	40W	200mA (100%)	4080lm	31.9W	161mA (80%)
ARYA S 5P5 70EG.090-2M	S05	2550lm	19.1W	90mA (100%)	1930lm	16.1W	75mA (83%)
ARYA S 5P5 70EG.100-2M		2830lm	21.2W	100mA (100%)	2130lm	17.7W	83mA (83%)
ARYA S 5P5 70EG.120-2M		3370lm	24.5W	120mA (100%)	2550lm	21.2W	100mA (83%)
ARYA S 5P5 70EG.140-2M		3900lm	28.7W	140mA (100%)	2940lm	23.7W	116mA (82%)
ARYA S 5P5 70EG.160-2M		4400lm	31.7W	160mA (100%)	3300lm	26.8W	131mA (81%)
ARYA S 5P5 70EG.180-2M	STE-S	4870lm	35.8W	180mA (100%)	3670lm	29W	147mA (81%)
ARYA S 5P5 70EG.200-2M		5290lm	40W	200mA (100%)	3980lm	31.9W	161mA (80%)
ARYA S 5P5 70EG.060-4M	S	3460lm	24.4W	60mA (100%)	2630lm	20.7W	50mA (83%)
ARYA S 5P5 70EG.070-4M		4010lm	28.2W	70mA (100%)	3020lm	23.6W	58mA (82%)
ARYA S 5P5 70EG.080-4M		4560lm	31.9W	80mA (100%)	3460lm	27W	67mA (83%)
ARYA S 5P5 70EG.090-4M		5110lm	35.8W	90mA (100%)	3860lm	30W	75mA (83%)
ARYA S 5P5 70EG.100-4M		5650lm	39.6W	100mA (100%)	4250lm	33.1W	83mA (83%)
ARYA S 5P5 70EG.120-4M		6720lm	47W	120mA (100%)	5040lm	39.3W	99mA (82%)
ARYA S 5P5 70EG.140-4M		7760lm	54.9W	140mA (100%)	5860lm	45.5W	116mA (82%)
ARYA S 5P5 70EG.160-4M		8750lm	61.7W	160mA (100%)	6570lm	51.3W	131mA (81%)
ARYA S 5P5 70EG.180-4M		9670lm	69.7W	180mA (100%)	7260lm	56.2W	146mA (81%)
ARYA S 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 S 5P5 70EG.090-2M	STE-M	2610lm	19.1W	90mA (100%)	1970lm	15.5W		1320lm	11.1W	49mA (54%)
ARYA S 5P5 70EG.100-2M		2890lm	21.2W	100mA (100%)	2190lm	17.1W		1460lm	12.2W	55mA (55%)
ARYA S 5P5 70EG.120-2M		3450lm	24.5W	120mA (100%)	2610lm	20.4W		1740lm	14.3W	66mA (55%)
ARYA S 5P5 70EG.140-2M		3990lm	28.7W	140mA (100%)	3010lm	22.7W		2020lm	16.5W	77mA (55%)
ARYA S 5P5 70EG.160-2M		4500lm	31.7W	160mA (100%)	3400lm	25.7W		2250lm	18.3W	86mA (53%)
ARYA S 5P5 70EG.180-2M	STW	4980lm	35.8W	180mA (100%)	3750lm	28.7W		2500lm	20.4W	96mA (53%)
ARYA S 5P5 70EG.200-2M		5410lm	40W	200mA (100%)	4070lm	30.3W		2730lm	21.4W	105mA (52%)
ARYA S 5P5 70EG.090-2M	S05	2550lm	19.1W	90mA (100%)	1930lm	15.5W		1290lm	11.1W	49mA (54%)
ARYA S 5P5 70EG.100-2M		2830lm	21.2W	100mA (100%)	2140lm	17.1W		1430lm	12.2W	55mA (55%)
ARYA S 5P5 70EG.120-2M		3370lm	24.5W	120mA (100%)	2530lm	20.2W		1700lm	14.3W	66mA (55%)
ARYA S 5P5 70EG.140-2M		3900lm	28.7W	140mA (100%)	2940lm	22.7W		1950lm	16.3W	76mA (54%)
ARYA S 5P5 70EG.160-2M		4400lm	31.7W	160mA (100%)	3300lm	25.5W		2200lm	18.3W	86mA (53%)
ARYA S 5P5 70EG.180-2M	STE-S	4870lm	35.8W	180mA (100%)	3670lm	28.7W		2450lm	20.4W	96mA (53%)
ARYA S 5P5 70EG.200-2M		5290lm	40W	200mA (100%)	3980lm	30.3W		2650lm	21.2W	104mA (52%)
ARYA S 5P5 70EG.060-4M	S	3460lm	24.4W	60mA (100%)	2640lm	19.9W		1760lm	14W	32mA (53%)
ARYA S 5P5 70EG.070-4M		4010lm	28.2W	70mA (100%)	3050lm	22.9W		2050lm	16.2W	38mA (54%)
ARYA S 5P5 70EG.080-4M		4560lm	31.9W	80mA (100%)	3460lm	25.9W		2290lm	18.1W	43mA (53%)
ARYA S 5P5 70EG.090-4M		5110lm	35.8W	90mA (100%)	3870lm	28.9W		2580lm	20.3W	49mA (54%)
ARYA S 5P5 70EG.100-4M		5650lm	39.6W	100mA (100%)	4280lm	31.9W		2870lm	22.5W	55mA (55%)
ARYA S 5P5 70EG.120-4M		6720lm	47W	120mA (100%)	5060lm	37.7W		3360lm	26.3W	65mA (54%)
ARYA S 5P5 70EG.140-4M		7760lm	54.9W	140mA (100%)	5820lm	43.1W		3910lm	30.4W	76mA (54%)
ARYA S 5P5 70EG.160-4M		8750lm	61.7W	160mA (100%)	6570lm	49W		4400lm	34.2W	86mA (53%)
ARYA S 5P5 70EG.180-4M		9670lm	69.7W	180mA (100%)	7290lm	54.9W		4840lm	37.7W	95mA (52%)
ARYA S 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 S 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 S 4P4 70EG.120-2M		120	2700	2530	2430	19.6	137.7
ARYA S 4P4 70EG.140-2M	S05	140	3120	2930	2810	23	135.6
ARYA S 4P4 70EG.160-2M	S07	160	3520	3310	3170	25.4	138.5
ARYA S 4P4 70EG.180-2M	STE-S	180	3890	3660	3510	28.7	135.5
ARYA S 4P4 70EG.200-2M		200	4230	3980	3810	31.9	132.6
ARYA S 4P4 70EG.120-2M		120	2730	2570	2460	19.6	139.2
ARYA S 4P4 70EG.140-2M	STA	140	3160	2970	2840	23	137.3
ARYA S 4P4 70EG.160-2M	STA1	160	3570	3350	3210	25.4	140.5
ARYA S 4P4 70EG.180-2M	STU-S	180	3940	3710	3550	28.7	137.2
ARYA S 4P4 70EG.200-2M		200	4280	4020	3850	31.9	134.1
ARYA S 4P4 70EG.120-2M		120	2790	2620	2510	19.6	142.3
ARYA S 4P4 70EG.140-2M	STE-M	140	3230	3040	2910	23	140.4
ARYA S 4P4 70EG.160-2M	STU-M	160	3650	3430	3280	25.4	143.7
ARYA S 4P4 70EG.180-2M	STW	180	4030	3790	3630	28.7	140.4
ARYA S 4P4 70EG.200-2M		200	4380	4120	3940	31.9	137.3
ARYA S 4P4 70EG.080-4M		80	3650	3430	3280	25.7	142.0
ARYA S 4P4 70EG.090-4M		90	4080	3840	3680	28.7	142.1
ARYA S 4P4 70EG.100-4M		100	4520	4250	4070	31.8	142.1
ARYA S 4P4 70EG.120-4M		120	5380	5060	4840	37.7	142.7
ARYA S 4P4 70EG.140-4M	S	140	6210	5840	5590	44	141.1
ARYA S 4P4 70EG.160-4M		160	7000	6580	6300	49.5	141.4
ARYA S 4P4 70EG.180-4M		180	7740	7270	6960	55.9	138.4
ARYA S 4P4 70EG.200-4M		200	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 S 4P4 70EG.120-2M		2440lm 17.7W 108mA (90%)	2430lm 19.6W 120mA (100%)
ARYA S 4P4 70EG.140-2M	S05	2830lm 20.6W 126mA (90%)	2810lm 23W 140mA (100%)
ARYA S 4P4 70EG.160-2M	S07	3180lm 22.6W 143mA (89%)	3170lm 25.4W 160mA (100%)
ARYA S 4P4 70EG.180-2M	STE-S	3520lm 25.4W 160mA (88%)	3510lm 28.7W 180mA (100%)
ARYA S 4P4 70EG.200-2M		3820lm 28W 176mA (88%)	3810lm 31.9W 200mA (100%)
ARYA S 4P4 70EG.120-2M		2470lm 17.7W 108mA (90%)	2460lm 19.6W 120mA (100%)
ARYA S 4P4 70EG.140-2M	STA	2840lm 20.5W 125mA (89%)	2840lm 23W 140mA (100%)
ARYA S 4P4 70EG.160-2M	STA1	3220lm 22.6W 143mA (89%)	3210lm 25.4W 160mA (100%)
ARYA S 4P4 70EG.180-2M	STU-S	3550lm 25.3W 159mA (88%)	3550lm 28.7W 180mA (100%)
ARYA S 4P4 70EG.200-2M		3850lm 27.9W 175mA (87%)	3850lm 31.9W 200mA (100%)
ARYA S 4P4 70EG.120-2M		2520lm 17.7W 108mA (90%)	2510lm 19.6W 120mA (100%)
ARYA S 4P4 70EG.140-2M	STE-M	2930lm 20.6W 126mA (90%)	2910lm 23W 140mA (100%)
ARYA S 4P4 70EG.160-2M	STU-M	3290lm 22.6W 143mA (89%)	3280lm 25.4W 160mA (100%)
ARYA S 4P4 70EG.180-2M	STW	3630lm 25.3W 159mA (88%)	3630lm 28.7W 180mA (100%)
ARYA S 4P4 70EG.200-2M		3940lm 27.9W 175mA (87%)	3940lm 31.9W 200mA (100%)
ARYA S 4P4 70EG.080-4M		3290lm 23.3W 72mA (90%)	3280lm 25.7W 80mA (100%)
ARYA S 4P4 70EG.090-4M		3690lm 26W 81mA (90%)	3680lm 28.7W 90mA (100%)
ARYA S 4P4 70EG.100-4M		4080lm 28.7W 90mA (90%)	4070lm 31.8W 100mA (100%)
ARYA S 4P4 70EG.120-4M		4870lm 34W 108mA (90%)	4840lm 37.7W 120mA (100%)
ARYA S 4P4 70EG.140-4M	S	5590lm 39.2W 125mA (89%)	5590lm 44W 140mA (100%)
ARYA S 4P4 70EG.160-4M		6330lm 44.1W 143mA (89%)	6300lm 49.5W 160mA (100%)
ARYA S 4P4 70EG.180-4M		6960lm 49.1W 159mA (88%)	6960lm 55.9W 180mA (100%)
ARYA S 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*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)		
ARYA S 4P4 70EG.120-2M		2700lm	19.6W	120mA (100%)	2030lm	17W	100mA (83%)
ARYA S 4P4 70EG.140-2M	S05	3120lm	23W	140mA (100%)	2350lm	19W	116mA (82%)
ARYA S 4P4 70EG.160-2M	S07	3520lm	25.4W	160mA (100%)	2640lm	21.5W	131mA (81%)
ARYA S 4P4 70EG.180-2M	STE-S	3890lm	28.7W	180mA (100%)	2920lm	23.1W	146mA (81%)
ARYA S 4P4 70EG.200-2M		4230lm	31.9W	200mA (100%)	3190lm	25.6W	161mA (80%)
ARYA S 4P4 70EG.120-2M		2730lm	19.6W	120mA (100%)	2060lm	17W	100mA (83%)
ARYA S 4P4 70EG.140-2M	STA	3160lm	23W	140mA (100%)	2380lm	19W	116mA (82%)
ARYA S 4P4 70EG.160-2M	STA1	3570lm	25.4W	160mA (100%)	2690lm	21.7W	132mA (82%)
ARYA S 4P4 70EG.180-2M	STU-S	3940lm	28.7W	180mA (100%)	2960lm	23.1W	146mA (81%)
ARYA S 4P4 70EG.200-2M		4280lm	31.9W	200mA (100%)	3210lm	25.4W	160mA (80%)
ARYA S 4P4 70EG.120-2M		2790lm	19.6W	120mA (100%)	2110lm	17W	100mA (83%)
ARYA S 4P4 70EG.140-2M	STE-M	3230lm	23W	140mA (100%)	2430lm	19W	116mA (82%)
ARYA S 4P4 70EG.160-2M	STU-M	3650lm	25.4W	160mA (100%)	2750lm	21.7W	132mA (82%)
ARYA S 4P4 70EG.180-2M	STW	4030lm	28.7W	180mA (100%)	3040lm	23.3W	147mA (81%)
ARYA S 4P4 70EG.200-2M		4380lm	31.9W	200mA (100%)	3300lm	25.6W	161mA (80%)
ARYA S 4P4 70EG.080-4M		3650lm	25.7W	80mA (100%)	2770lm	21.9W	67mA (83%)
ARYA S 4P4 70EG.090-4M		4080lm	28.7W	90mA (100%)	3080lm	24.2W	75mA (83%)
ARYA S 4P4 70EG.100-4M		4520lm	31.8W	100mA (100%)	3400lm	26.6W	83mA (83%)
ARYA S 4P4 70EG.120-4M		5380lm	37.7W	120mA (100%)	4070lm	31.8W	100mA (83%)
ARYA S 4P4 70EG.140-4M	S	6210lm	44W	140mA (100%)	4690lm	36.4W	116mA (82%)
ARYA S 4P4 70EG.160-4M		7000lm	49.5W	160mA (100%)	5260lm	41.1W	131mA (81%)
ARYA S 4P4 70EG.180-4M		7740lm	55.9W	180mA (100%)	5810lm	45W	146mA (81%)
ARYA S 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*			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 S 4P4 70EG.120-2M		2700lm	19.6W	120mA (100%)	2040lm	16.3W		1360lm	11.6W	66mA (55%)
ARYA S 4P4 70EG.140-2M	S05	3120lm	23W	140mA (100%)	2350lm	18.2W		1560lm	13.1W	76mA (54%)
ARYA S 4P4 70EG.160-2M	S07	3520lm	25.4W	160mA (100%)	2640lm	20.5W		1780lm	14.9W	87mA (54%)
ARYA S 4P4 70EG.180-2M	STE-S	3890lm	28.7W	180mA (100%)	2930lm	23W		1950lm	16.3W	96mA (53%)
ARYA S 4P4 70EG.200-2M		4230lm	31.9W	200mA (100%)	3180lm	24.3W		2130lm	17.2W	105mA (52%)
ARYA S 4P4 70EG.120-2M		2730lm	19.6W	120mA (100%)	2050lm	16.2W		1380lm	11.6W	66mA (55%)
ARYA S 4P4 70EG.140-2M	STA	3160lm	23W	140mA (100%)	2380lm	18.2W		1580lm	13.1W	76mA (54%)
ARYA S 4P4 70EG.160-2M	STA1	3570lm	25.4W	160mA (100%)	2690lm	20.6W		1800lm	14.9W	87mA (54%)
ARYA S 4P4 70EG.180-2M	STU-S	3940lm	28.7W	180mA (100%)	2970lm	23W		1980lm	16.3W	96mA (53%)
ARYA S 4P4 70EG.200-2M		4280lm	31.9W	200mA (100%)	3220lm	24.3W		2140lm	17W	104mA (52%)
ARYA S 4P4 70EG.120-2M		2790lm	19.6W	120mA (100%)	2110lm	16.3W		1410lm	11.6W	66mA (55%)
ARYA S 4P4 70EG.140-2M	STE-M	3230lm	23W	140mA (100%)	2430lm	18.2W		1630lm	13.3W	77mA (55%)
ARYA S 4P4 70EG.160-2M	STU-M	3650lm	25.4W	160mA (100%)	2750lm	20.6W		1840lm	14.9W	87mA (54%)
ARYA S 4P4 70EG.180-2M	STW	4030lm	28.7W	180mA (100%)	3040lm	23W		2020lm	16.3W	96mA (53%)
ARYA S 4P4 70EG.200-2M		4380lm	31.9W	200mA (100%)	3290lm	24.3W		2190lm	17W	104mA (52%)
ARYA S 4P4 70EG.080-4M		3650lm	25.7W	80mA (100%)	2770lm	21W		1830lm	14.9W	43mA (53%)
ARYA S 4P4 70EG.090-4M		4080lm	28.7W	90mA (100%)	3060lm	23W		2060lm	16.6W	49mA (54%)
ARYA S 4P4 70EG.100-4M		4520lm	31.8W	100mA (100%)	3390lm	25.4W		2260lm	18.1W	54mA (54%)
ARYA S 4P4 70EG.120-4M		5380lm	37.7W	120mA (100%)	4040lm	30.3W		2690lm	21.3W	65mA (54%)
ARYA S 4P4 70EG.140-4M	S	6210lm	44W	140mA (100%)	4660lm	34.6W		3120lm	24.5W	76mA (54%)
ARYA S 4P4 70EG.160-4M		7000lm	49.5W	160mA (100%)	5250lm	39.2W		3520lm	27.5W	86mA (53%)
ARYA S 4P4 70EG.180-4M		7740lm	55.9W	180mA (100%)	5840lm	44W		3910lm	30.6W	96mA (53%)
ARYA S 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.