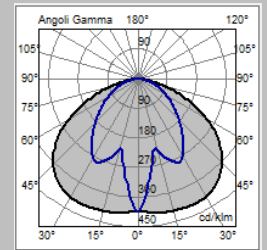
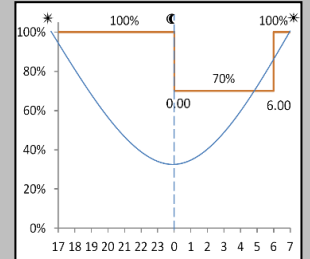


ARYA

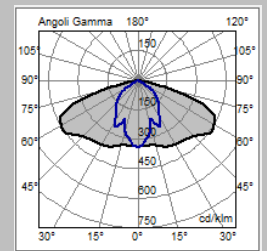
MAIN CHARACTERISTICS

Applications	Urban and street lighting.
Optic	<p>Hyper Comfort optic: HC-S: Hyper Comfort roto-symmetrical optic for urban lighting and green areas. HC-ST: Hyper Comfort asymmetrical optic for urban lighting and green areas. Pixled optic: STU-S: Asymmetrical optic for street, urban and cycle-path lighting (narrow emission). STU-M: Asymmetrical optic for street, urban and cycle-path lighting (medium emission). STU-W: Asymmetrical optic for wide urban and suburban road lighting. S03: Asymmetrical optic for wide urban and suburban road lighting. TS-S: Symmetrical optic for suspended lighting (narrow emission). TS-M: Symmetrical optic for suspended lighting (medium emission). TS-W: Symmetrical optic for suspended lighting (wide emission). TS-03: Symmetrical optic for centre road lighting (extra wide emission). STA/STA1: Asymmetrical optic for long interdistance and wide roads, V and P class. Colour temperature: 4000K (3000K in opzione) CRI ≥ 70 LOR= 100%, DLOR= 100%, ULOR= 0% Photobiological safety class: EXEMPT GROUP LED source efficiency: 163 lm/W @ Tj=85°C, 400mA, 4000K</p>
Insulation class	II, I
Protection degree	IP66 IK08 total
LED Modules	Removable / Replaceable.
Dimensions	See the drawing
Weight	max 7.1kg
Exposed surface	Side: 0.05m ² – Top: 0.17m ²
Mounting	Post-top Ø60-76
Gear tray	Removable / Replaceable.
Operating temp.	-40°C / +50°C
Storage temperature	-40°C / +80°C
Main reference standards	EN 60598-1, EN 60598-2-3, EN 62471, 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, F, DA, DAC)
Mains connection	External connector IP66/68 for cables max. 2,5mm ² .
Surge protection	Up to 10kV With SPD (optional) 10kV / 10kV CM/DM
SPD (optional)	10kV-10kA, type II, with LED signal and thermo fuse to disconnect load at the end of life.
Control system (options)	F: Fixed power not dimmable. DA: Automatic dimming (virtual midnight) with default profile. DAC: Custom DA profile. FLC: Constant light flux. WL-ZHAGA: Wireless single point communication system on Zhaga standard. DALI: Digital dimming interface DALI. ZHAGA: Socket 4 pin (ZHAGA book 18).
LED source lifetime (Tq=25°C)	>100.000hr L90B10
MATERIALS	
Fixing	Die-cast aluminium UNI EN1706 powder painted.
Body	99.85% aluminium with a surface finish in 99.95% with vacuum-sealed deposition.
Optic	Aluminum grade class A+ (DIN EN 16268)
Screen	Flat tempered glass, 5mm thickness, high transparency
Gasket	Siliconic
Colour	Graphite Cod. 01

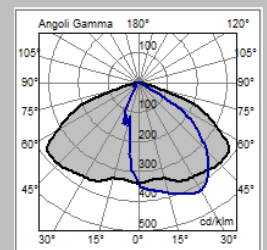
DA Profile



HC-S Optic



TS-M Optic



S03 Optic

All the published photometric data has been obtained according to EN 13032-1





LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 4000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 4000K, lm)	RATED LED POWER* (Tj=85°C, W)
ARYA 2W8 4.40-1M	S03 STU-M STU-S STU-W	400	2580	22	117	3099	19
ARYA 2W8 4.40-2M	S03 STU-M STU-S STU-W	400	5150	41.5	124	6198	38
ARYA 2W8 4.50-1M	S03 STU-M STU-S STU-W	500	3170	28	113	3803	24
ARYA 2W8 4.50-2M	S03 STU-M STU-S STU-W	500	6260	53	118	7606	48
ARYA 2W8 4.40-2M	TS-03 TS-M TS-S TS-W	400	5150	41.5	124	6198	38
ARYA 2W8 4.50-2M	TS-03 TS-M TS-S TS-W	500	6260	53	118	7606	48



LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 4000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 4000K, lm)	RATED LED POWER* (Tj=85°C, W)
ARYA 2W8 4.25-1M	HC-ST	250	1270	14	90	2019	11
ARYA 2W8 4.25-2M	HC-ST	250	2550	26	98	4038	22
ARYA 2W8 4.35-1M	HC-ST	350	1730	19	91	2770	16
ARYA 2W8 4.35-2M	HC-ST	350	3460	36	96	5540	32
ARYA 2W8 4.25-2M	HC-S	250	2550	26	98	4038	22
ARYA 2W8 4.25-4M	HC-S	250	5720	49.5	115	8076	44
ARYA 2W8 4.35-2M	HC-S	350	3460	36	96	5540	32
ARYA 2W8 4.35-4M**	HC-S	350	7700	70	110	11080	64
ARYA 2W6 STA 4.40-1M	STA	400	1810	16.5	109	2324	14
ARYA 2W6 STA 4.40-2M	STA	400	3600	31	116	4648	28
ARYA 2W6 STA 4.50-1M	STA	500	2220	21	105	2852	18
ARYA 2W6 STA 4.50-2M	STA	500	4380	40	109	5704	36
ARYA 2W6 STA1 4.40-1M	STA1	400	1740	16.5	105	2324	14



LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 4000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 4000K, lm)	RATED LED POWER* (Tj=85°C, W)
ARYA 2W6 STA1 4.40-2M	STA1	400	3480	31	112	4648	28
ARYA 2W6 STA1 4.50-1M	STA1	500	2140	21	101	2852	18
ARYA 2W6 STA1 4.50-2M	STA1	500	4230	40	105	5704	36

*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.

*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet.

The characteristics of the product listed above are subjected to change without notice.

Values indicated in this technical sheet are to be considered rated values subject to a tolerance of +/-5%.

** Operating temperature: -40°C / +40°C



LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 3000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 3000K, lm)	RATED LED POWER* (Tj=85°C, W)
ARYA 2W8 3.40-1M	S03 STU-M STU-S STU-W	400	2400	22	109	2882	19
ARYA 2W8 3.40-2M	S03 STU-M STU-S STU-W	400	4790	41.5	115	5764	38
ARYA 2W8 3.50-1M	S03 STU-M STU-S STU-W	500	2950	28	105	3538	24
ARYA 2W8 3.50-2M	S03 STU-M STU-S STU-W	500	5820	53	109	7076	48
ARYA 2W8 3.40-2M	TS-03 TS-M TS-S TS-W	400	4790	41.5	115	5764	38
ARYA 2W8 3.50-2M	TS-03 TS-M TS-S TS-W	500	5820	53	109	7076	48

LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 3000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 3000K, lm)	RATED LED POWER* (Tj=85°C, W)
ARYA 2W8 3.25-1M	HC-ST	250	1180	14	84	1878	11
ARYA 2W8 3.25-2M	HC-ST	250	2370	26	91	3756	22
ARYA 2W8 3.35-1M	HC-ST	350	1610	19	84	2577	16
ARYA 2W8 3.35-2M	HC-ST	350	3220	36	89	5154	32
ARYA 2W8 3.25-2M	HC-S	250	2370	26	91	3756	22
ARYA 2W8 3.25-4M	HC-S	250	5320	49.5	107	7512	44
ARYA 2W8 3.35-2M	HC-S	350	3220	36	89	5154	32
ARYA 2W8 3.35-4M**	HC-S	350	7160	70	102	10308	64
ARYA 2W6 STA 3.40-1M	STA	400	1680	16.5	101	2162	14
ARYA 2W6 STA 3.40-2M	STA	400	3350	31	108	4324	28
ARYA 2W6 STA 3.50-1M	STA	500	2060	21	98	2653	18
ARYA 2W6 STA 3.50-2M	STA	500	4070	40	101	5306	36
ARYA 2W6 STA1 3.40-1M	STA1	400	1620	16.5	98	2162	14



LUMINAIRE	OPTIC	LED CURRENT (mA)	RATED LUMINAIRE FLUX* (Tq=25°C, 3000K, lm)	RATED LUMINAIRE POWER* (Tq=25°C, Vin=230Vac, F/DA/DAC, W)	LUMINAIRE EFFICACY (Tq=25°C, lm/W)	RATED LED FLUX* (Tj=85°C, 3000K, lm)	RATED LED POWER* (Tj=85°C, W)
ARYA 2W6 STA1 3.40-2M	STA1	400	3240	31	104	4324	28
ARYA 2W6 STA1 3.50-1M	STA1	500	1990	21	94	2653	18
ARYA 2W6 STA1 3.50-2M	STA1	500	3930	40	98	5306	36

*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory.

*RATED LED FLUX / RATED LED POWER: Rated data extrapolated from LED manufacturer datasheet.

The characteristics of the product listed above are subjected to change without notice.

Values indicated in this technical sheet are to be considered rated values subject to a tolerance of +/-5%.

** Operating temperature: -40°C / +40°C