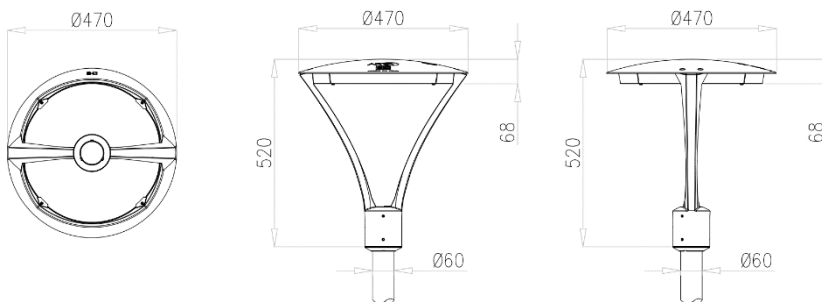


ZAŁĄCZNIK - 10.2

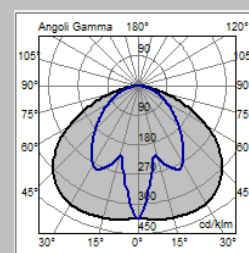
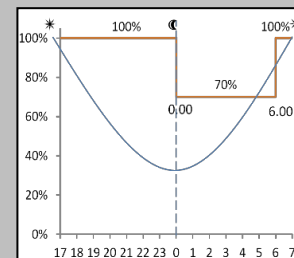


ARYA

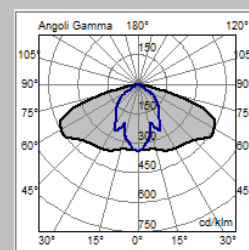
MAIN CHARACTERISTICS

Applications	Urban and street lighting.
Optic	<p>Hyper Comfort optic:</p> <p>HC-S: Hyper Comfort roto-symmetric optic for urban lighting and green areas.</p> <p>HC-ST: Hyper Comfort asymmetrical optic for urban lighting and green areas.</p> <p>Pixled optic:</p> <p>STU-S: Asymmetrical optic for street, urban and cycle-path lighting (narrow emission).</p> <p>STU-M: Asymmetrical optic for street, urban and cycle-path lighting (medium emission).</p> <p>STU-W: Asymmetrical optic for wide urban and suburban road lighting.</p> <p>S03: Asymmetrical optic for wide urban and suburban road lighting.</p> <p>TS-S: Symmetrical optic for suspended lighting (narrow emission).</p> <p>TS-M: Symmetrical optic for suspended lighting (medium emission).</p> <p>TS-W: Symmetrical optic for suspended lighting (wide emission).</p> <p>TS-03: Symmetrical optic for centre road lighting (extra wide emission).</p> <p>STA/STA1: Asymmetrical optic for long interdistance and wide roads, V and P class.</p> <p>Colour temperature: 4000K (3000K in opzione) CRI ≥ 70</p> <p>LOR= 100%, DLOR= 100%, ULOR= 0%</p> <p>Photobiological safety class: EXEMPT GROUP</p> <p>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)	<p>F: Fixed power not dimmable.</p> <p>DA: Automatic dimming (virtual midnight) with default profile.</p> <p>DAC: Custom DA profile.</p> <p>FLC: Constant light flux.</p> <p>WL-ZHAGA: Wireless single point communication system on Zhaga standard.</p> <p>DALI: Digital dimming interface DALI.</p> <p>ZHAGA: Socket 4 pin (ZHAGA book 18).</p>
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

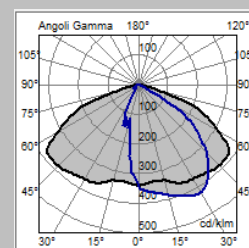
DA Profile



HC-S Optic



TS-M Optic



S03 Optic

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