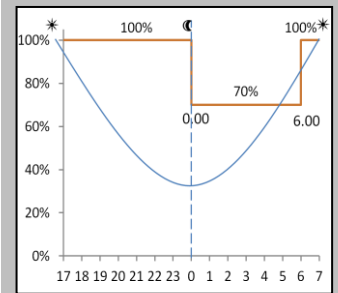


DA Profile



Q-DROME

MAIN CHARACTERISTICS

<b>Applications</b>	Street and urban lighting.
<b>Optic</b>	STU-S: Asymmetrical optic for street lighting. Narrow emission. STU-M: Asymmetrical optic for street lighting. Mid emission. STU-W: Asymmetrical optic for street lighting. Wide emission. Colour temperature: 4000K (optional 3000K)   CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 163 lm/W @ 400mA, Tj=85°C – 4000K
<b>Insulation class</b>	EU: II, I - US: 1
<b>Protection degree</b>	IP66   IK08 total
<b>LED Modules</b>	Removable / Replaceable.
<b>Tilt Angle</b>	Post-top: 0°, +5°, +10°, +15°, +20°   Bracket: +5°, 0°, -5°, -10°, -15°, -20°
<b>Dimensions</b>	See the drawing
<b>Weight</b>	5.2 kg max
<b>Exposed surface</b>	Side: 0.03m <sup>2</sup> – Top: 0.11m <sup>2</sup>
<b>Mounting</b>	TP: Bracket or Post-top Ø33mm ÷ Ø60mm AM: Wall mounting (optional)
<b>Gear tray</b>	Removable
<b>Operating temp.</b>	-40°C / +50°C
<b>Storage temperature</b>	-40°C / +80°C
<b>Main reference standards</b>	EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN-61000-3-3

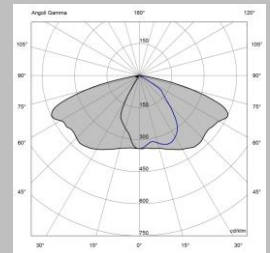


ELECTRICAL CHARACTERISTICS

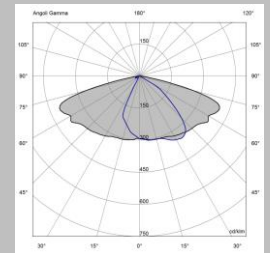
<b>Rated voltage</b>	220÷240V 50/60Hz (Standard tolerance +/-10%, other voltages and tolerances upon request)
<b>LED current</b>	400mA, 500mA
<b>Power factor</b>	>0,9 (at full load - PLM) >0,95 (at full load - F, DA, DAC)
<b>Mains connection</b>	For cables max section 4mm <sup>2</sup>
<b>Surge protection</b>	Pulse withstand: 10kV / 6kV CM / DM . (without SPD)
<b>SPD (optional)</b>	10kV-10kA, type II, with LED signal and thermo fuse to disconnect load at the end of life. Pulse withstand up to 10kV CM / DM. (with SPD)
<b>Control system (options)</b>	F: Fixed power not dimmable. (Base version) DA: Automatic dimming (virtual midnight) with default profile. DAC: Custom DA profile. FLC: Constant luminous flux. WL: Wireless single point communication system. DALI: Digital dimming interface DALI. NEMA: Socket 7 pin (ANSI C136.41).
<b>Optical unit lifetime (Tq=25°C)</b>	≥90.000hr L80B10

MATERIALS

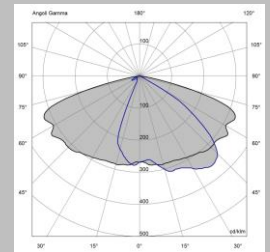
<b>Fixing</b>	Die-cast aluminum UNI EN1706 powder painted.
<b>Lower frame</b>	
<b>Upper canopy</b>	
<b>Closure hook</b>	Extruded aluminium with stainless steel spring.
<b>Optic</b>	99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)
<b>Screen</b>	Flat tempered glass, 5mm thickness high transparency.
<b>Cable gland</b>	Plastic M20x1.5 - IP68
<b>Gasket</b>	Polyurethane
<b>Colour</b>	Graphite Cod. 01



STU-S Optic



STU-M Optic



STU-W Optic

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

