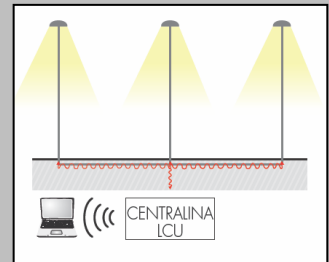


ITALO 1 0F2 STA 3.3-2M	
MAIN CHARACTERISTICS	
Applications	Street lighting
Optic	STA / STA1 / STANO / STAN1: Asymmetrical optic for V and P categories. (0F2) Colour temperature: 3000K, (optional 4000K, 5700K) CRI ≥ 70 Photobiological safety class: EXEMPT GROUP LED source efficiency: 168 lm/W @ 525mA, Tj=85°C – 4000K
Insulation class	EU: II, I - US: 1
Protection degree	IP66 IK 09 total
LED Modules	Removable / Replaceable
Tilt Angle	Post-top: 0°, +5°, +10°, +15°, +20° Bracket: 0°, -5°, -10°, -15°, -20°
Dimensions	See the drawing
Weight	6.8 kg max
Exposed surface	Side: 0.05m ² – Top: 0.18m ² SCx:0.04m ²
Mounting	Bracket or Post-top Ø60mm Ø33mm ÷ Ø60mm (optional) Ø60mm ÷ Ø76mm (optional)
Gear tray	Removable plate.
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 <i>(Standard tolerance +/-10%, other voltages and tolerances upon request)</i>
LED current	525mA , 700mA , 1000mA
Power factor	>0,9 (at full load - PLM) >0,95 (at full load - F, DA, DAC)
On-load switch	Included, with integrated cable clamp.
Mains connection	For cables max section 4mm ²
Surge protection	SPD integrated 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. (Base version) DA: Automatic dimming (virtual midnight) with default profile. DAC: Custom DA profile. PLM: Power Line single point communication system. WL: Wireless single point communication system.
Optical unit lifetime (Tq=25°C)	≥100.000hr L90B10 ≥100.000hr L90, TM-21
MATERIALS	
Fixing	Die-cast aluminum UNI EN1706 powder painted.
Heat-sink	
Lower frame	
Upper canopy	
Closure hook	Extruded aluminium with stainless steel spring.
Optic	99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)
Screen	Flat tempered glass, 4mm thickness high transparency.
Cable gland	Plastic M20x1.5 - IP68
Gasket	Polyurethane
Colour	Semi-gloss satin grey Cod. 2B

PLM





LUMINAIRE	LED Current (mA)	OPTICS	RATED LUMINAIRE FLUX1 (Tq=25°C, 3000K, lm)	RATED LUMINAIRE POWER1 (Tq=25°C, Vin=230Vac,	LUMINAIRE EFFICACY (Tq=25°C, lm/W)
ITALO 1 OF2 3.3-2M	350	STA/STA1/STAN1/STANO	2060	19	108

