



Luci Series **Ambiente** EOS²

Streetlight

Benefits

- + Increases visibility and comfort.
- + Uses most advanced LED-technology.
- + Highly efficient design: Up to 97 lm/W luminaire efficacy.
- + Outdoor ambient resistant -40 °C to +60 °C.
- + Integrated diecast aluminium housing ensures good thermal management maximizing life and LED performance.
- + Protected against moisture, power dips or surges.
- + Same model for straight or bended poles, easy fine-tuning of angle.
- + Easy to install by one person.
- + Attractive design.
- + Mounting height: up to 18 meter.
- + Self-controlled operating conditions:
 - Luminaire Intelligent Protection System (LIPS). 
 - Active Overheat Protection (AOP) 
 - Light Normalizer - No Lumen drop during lifetime
- + Night-time dimming. Configurable dusk till dawn dimming schedule.
- + Integrated EOS technology 
 - Plug-and-play self-organizing wireless network.
 - Encrypted communication.
 - Advised maximum spacing for network: 30 meter.
- + Intuitive control and analysis with the EOS Manager app
 - User authentication and data encryption.
 - Visual representation of your EOS network.
 - Extensive configuration, information, and usage statistics.
 - Share sensor information between EOS devices.

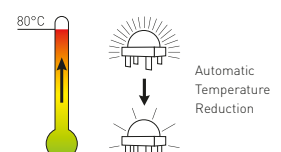
Features

Lumen Output	up to 3800 lm
Input Power	up to 39 W
Efficacy	up to 97 lm/W
Colour Temperature (CCT)	4000K
Colour Rendering Index (CRI)	83+
Rated Life	100.000+ Hours*
Housing	Diecast Aluminium / Tempered safety glass
Optic	PMMA
Mounting Options	Suitable for straight & bended poles (48 - 60 mm)
Pole diameter:	48 - 60 mm (60 - 76 mm adapter available**)
Adjustable angle:	-5° to +10°, bended or straight poles
Dimensions	644 x 303 x 132 mm
Operating Temperature	-40 °C to +60 °C***
Power Supply	Integrated
Voltage	90 - 305 VAC @ 47 - 63 Hz 127 - 431 VDC
Inrush current	65 A 1,2 ms
B-16A fuse	10 pcs
C-16A fuse	14 pcs
Power Factor	0.96 typical
IEC Safety Class	I (II optional)
Weight	5.9 kg
AC Harmonics	Less than 10% THD compliant to EN55015

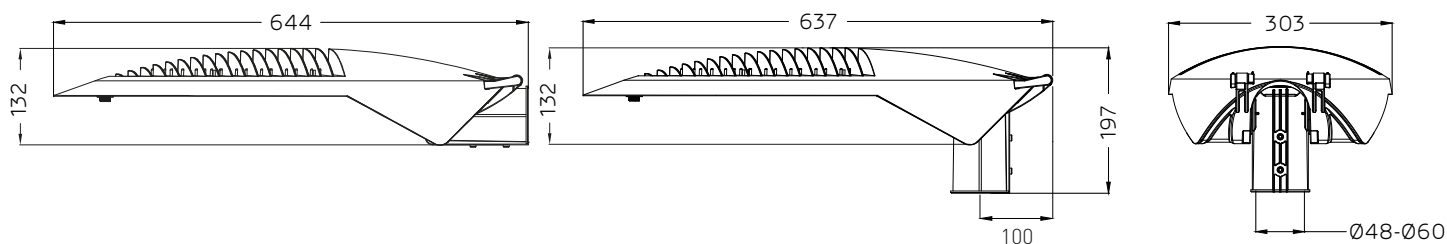
* L80 / B10 at 25 °C constant ambient temperature, constant full power

** Sold separately

*** Active Overheat Protection above 80 °C at PCB 



Dimensions



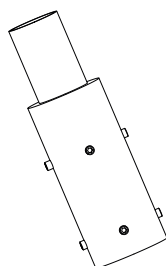
Ordering information

Article number	Nomenclature	Optic	Max. Power	Max. Lumen	Max. Efficacy	CCT	CRI
Luci Series Ambiente 16 LED							
16889	Ambiente01-A-SL01-16LED-NO-39W (EOS ² , 4000K)	Street01	39 W	3800 lm	97 lm/W	4000K	83+

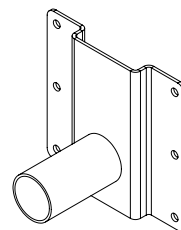
Accessories

15354 Pole adapter for Luci Series Ambiente

16844 Wall adapter for Luci Series Ambiente



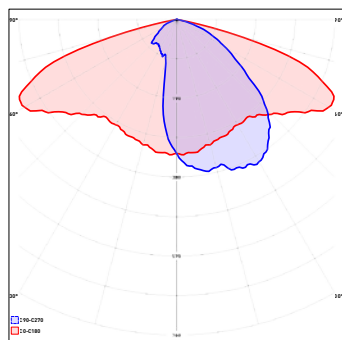
15354 Galvanized Steel
Ø 60-76 mm adapter



16844 Aluminium
Wall bracket

Optics

Street01



Compliances Luci Series Ambiente

IEC 60598-1	Luminaires - Part 1: General requirements
IEC 60598-2-3 +A1:2011	Luminaires - Part 2-3: Particular requirements – Luminaires for road and street lighting
IEC 62471:2008	Photobiological safety of lamps and lamp systems
IEC 60068-2-52	Environmental tests - Salt mist
EN 50102	Degree of protection by enclosures for electrical equipment against external mechanical impacts (IK Code)
EN 55015: 2013	Emission - Electrical lighting and similar equipment
EN 61000-3-2: 2014	Limits for harmonic currents emissions
EN 61000-3-3: 2013	Limitation of voltage fluctuations and flicker