



Luci Series **Ambiente** EOS² Area XL

Benefits

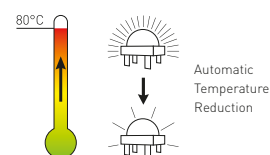
- + Increases visibility and comfort.
- + Most advanced LED-technology.
- + Highly efficient design: Up to 101 lm/W luminaire efficacy.
- + Outdoor ambient resistant -40 °C to +60 °C.
- + Integrated diecast aluminium housing ensures good thermal management maximizing life and LED performance.
- + Protected 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.
- + Night-time dimming. Configurable dusk till dawn dimming schedule.
- + Self-controlled operating conditions:
 - Luminaire Intelligent Protection System (LIPS). 
 - Active Overheat Protection (AOP). 
 - Light Normalizer - No Lumen drop during lifetime.
- + Integrated EOS technology: 
 - Plug-and-play self-organizing wireless network.
 - Encrypted communication.
 - Advised maximum spacing for network: 40 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

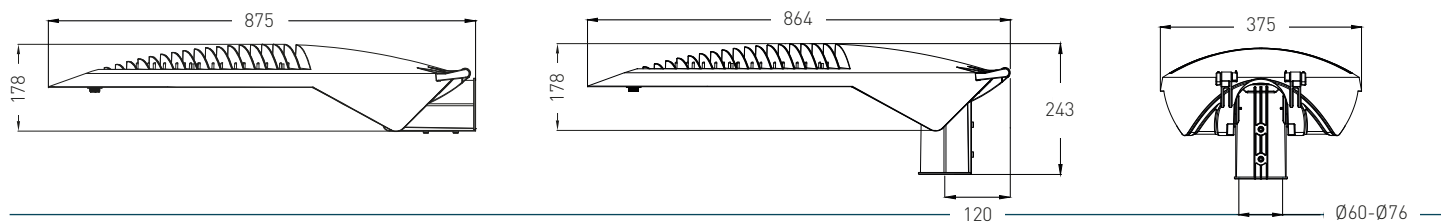
Lumen Output	up to 18208 lm
Input Power	up to 180 W
Efficacy	up to 101 lm/W
Colour Temperature (CCT)	4000K / 5700K
Colour Rendering Index (CRI)	83+ / 73+
Rated Life	100.000+ Hours*
Housing	Diecast Aluminium / Tempered safety glass
Optic	PMMA
Mounting Options	Suitable for straight & bended poles
Pole diameter:	60 - 76 mm
Adjustable angle:	-5° to +10°, bended or straight poles
Dimensions	864 x 375 x 178 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
Weight	11 kg
AC Harmonics	Less than 10% THD compliant to EN55015

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

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



Dimensions

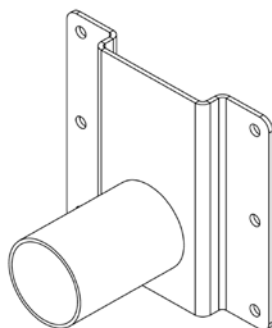


Ordering information

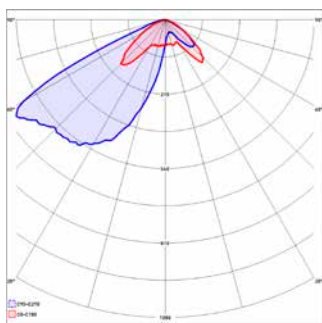
Article number	Nomenclature	Optic	Max. Power	Max. Lumen	Max. Efficacy	CCT	CRI
Luci Series Ambiente EOS 50 LED							
16885	AmbienteXL01-A-WB01-50LED-N0-120W (EOS ² , 4000K)	Wide Area	120 W	10759 lm	90 lm/W	4000K	83+
16886	AmbienteXL01-A-WB01-50LED-N0-120W (EOS ² , 5700K)	Wide Area	120 W	12077 lm	100 lm/W	5700K	73+
Luci Series Ambiente EOS 75 LED							
16887	AmbienteXL01-A-WB01-75LED-N0-180W (EOS ² , 4000K)	Wide Area	180 W	16811 lm	93 lm/W	4000K	83+
16888	AmbienteXL01-A-WB01-75LED-N0-180W (EOS ² , 5700K)	Wide Area	180 W	18208 lm	101 lm/W	5700K	73+

Accessoires

16584 Wall adapter for Luci Series Ambiente XL



Optic



Wide Area

Compliances

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: 2006	Limits for harmonic currents emissions
+A1: 2009	
+A2: 2009	
EN 61000-3-3: 2013	Limitation of voltage fluctuations and flicker