

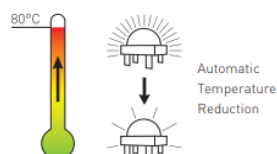
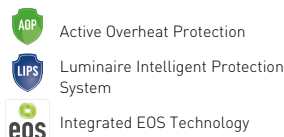


Benefits

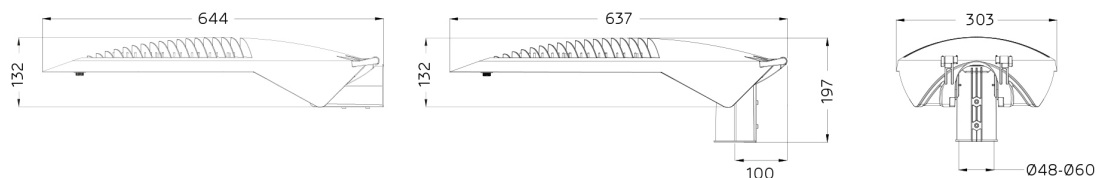
- + Increases visibility and comfort
- + Most advanced LED-technology
- + High efficient design: up to 101 lm/W luminaire efficacy
- + Outdoor ambient resistant -40°C to +60°C
- + Integrated die cast aluminium housing ensures good thermal management maximizing life and LED performance
- + Protected on against moisture, power dips or surges
- + Same model for straight or bended poles, easy finetuning of angle
- + Easy to install by one person
- + Attractive design
- + Mounting height: max. 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: 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

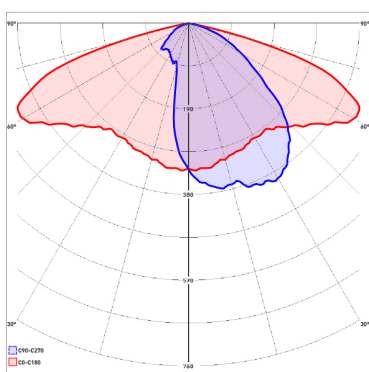
Productgroup	Ambiente
Power supply	Integrated
Input voltage	90 - 305 Vac 127 - 431 VDC
Frequency	47 - 63 Hz
Input Power (default)	40 Watt
Lumen output (up to)	4202 lm
Efficacy (default)	105 lm/W
Colour temperature (CCT)	3000 4000 5700 K
Colour rendering index (CRI)	83+ 73+
Colour consistency	5 Macadam Ellipses
Upward light ratio (ULR)	< 1%
LED-count	16
Optic	PMMA
Beam optics	Street
Housing	Diecast aluminium / tempered safety glass
Mounting	Suits straight and angled poles
Pole diameter	48 - 60 mm
Dimensions	644 x 303 x 132 mm
Adjustable angle	-5° to +10°, bended or straight poles
EOS wireless technology	Yes
Motion sensor (PIR)	Available
Ingress protection	IP67
Mechanical impact resistance	IK08
Max SCx	0.0432 m²
IEC safety class	I
Power factor	0.96 typical
AC harmonics	Less than 10% THD compliant to EN55015
Inrush current	50A - 210µ
B-16A fuse	12 pcs
C-16A fuse	20 pcs
Operating temperature	-40°C to +60°C



Dimensions



Optic



Ordering information

Name	SKU	Optic	Power	Lumen	Efficacy	CCT	CRI	Weight
Ambiente Smart Streetlight 16 LED								
Ambiente Streetlight 16LED 22W 4000K	16889	Street	22 W	3800 lm	97 lm/W	4000 K	83+	7.20 kg
Ambiente Streetlight 16LED 39W 5700K	19566	Street	39 W	4202 lm	105 lm/W	5700 K	73+	7.20 kg
Ambiente Streetlight 16LED 40W 4000K PIR	19382	Street	40 W	3800 lm	97 lm/W	4000 K	83+	7.20 kg
Ambiente Streetlight 16LED 40W 5700K PIR	19383	Street	40 W	3800 lm	97 lm/W	5700 K	73+	7.20 kg

Accessories

60-76 adapter

15354 Ambiente. Pole adapter 76=>60mm. Galvanised steel.



19376 Ambiente. Wall bracket. 110mm arm 0° angle. Steel (galvanized)



20193 Smart+ upgrade

Compliances

IEC 60598-1

IEC 60598-2-3 +A1:2011

IEC 62471:2008

IEC 60068-2-52

50102

EN 55015: 2013

EN 61000-3-2: 2014

EN 61000-3-3: 2013

Luminaires - Part 1: General requirements

Luminaires - Part 2-3: Particular requirements – Luminaires for road and street lighting

Photobiological safety of lamps and lamp systems

Environmental tests - Salt mist

Degree of protection by enclosures for electrical equipment against external mechanical impacts (IK Code)

Emission - Electrical lighting and similar equipment

Limits for harmonic currents emissions

Limitation of voltage fluctuations and flicker