LED Area Illumination
Ambiente Smart Area

Benefits

- Increases visibility and comfort
- Most advanced LED-technology
- High efficient design: up to 114 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

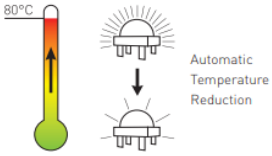
Features

Productgroup	Ambiente
Power supply	Integrated
Input voltage	90 - 305 Vac | 127 - 431 VDC
Frequency	47 - 63 Hz
Input Power (default)	70 Watt
Lumen output (up to)	8122 lm
Efficacy (default)	114 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	20 | 25 | 40
Optic	PMMA
Beam optics	Wide area
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	65 A 1.2 ms
B-16A fuse	10 pcs
C-16A fuse	14 pcs
Operating temperature	-40°C to +60°C
Rated life (L80B10)	100,000+ hours

AOP Active Overheat Protection

LIPS Luminaire Intelligent Protection System

eos Integrated EOS Technology



RoHS COMPLIANT IP65 EMC CE CB

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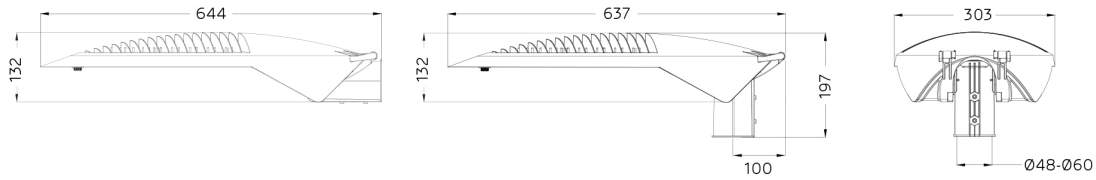
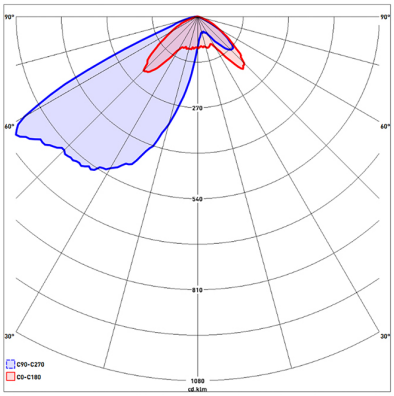
Dimensions



Optic



Ordering information

Name	SKU	Optic	Power	Lumen	Efficacy	CCT	CRI	Weight
Ambiente Smart Area 25 LED								
Ambiente 25LED 50W 3000K PIR	19381	Wide area	50 W	5527 lm	110 lm/W	3000 K	73+	7.20 kg
Ambiente 25LED 50W 4000K	16881	Wide area	50 W	5128 lm	102 lm/W	4000 K	83+	7.20 kg
Ambiente 25LED 50W 4000K PIR	19284	Wide area	50 W	5128 lm	102 lm/W	4000 K	83+	7.20 kg
Ambiente 25LED 50W 5700K	16882	Wide area	50 W	5527 lm	110 lm/W	5700 K	73+	7.40 kg
Ambiente 25LED 50W 5700K PIR	19380	Wide area	50 W	5527 lm	110 lm/W	5700 K	73+	7.20 kg
Ambiente Smart Area 40 LED								
Ambiente 40LED 70W 3000K	18609	Wide area	70 W	8122 lm	115 lm/W	3000 K	73+	7.20 kg
Ambiente 40LED 70W 3000K PIR	19379	Wide area	70 W	7558 lm	107 lm/W	3000 K	73+	7.20 kg
Ambiente 40LED 70W 4000K	16883	Wide area	70 W	7558 lm	107 lm/W	4000 K	83+	7.20 kg
Ambiente 40LED 70W 4000K PIR	19378	Wide area	70 W	7558 lm	107 lm/W	4000 K	83+	7.20 kg
Ambiente 40LED 70W 5700K	16884	Wide area	70 W	8122 lm	115 lm/W	5700 K	73+	7.20 kg
Ambiente 40LED 70W 5700K PIR	18626	Wide area	70 W	8122 lm	115 lm/W	5700 K	73+	7.20 kg

Accessories

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

19376 Ambiente. Wall bracket. 110mm-Ø60mm arm 0° angle. Steel (galvanized)

SMART

20193 Smart+ upgrade

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: 2014	Limits for harmonic currents emissions
EN 61000-3-3: 2013	Limitation of voltage fluctuations and flicker

All product, product specifications and data are subject to change without notice to improve reliability, function, design or otherwise. Photos and pictures are for illustration purpose only