

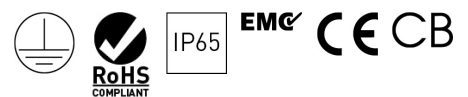
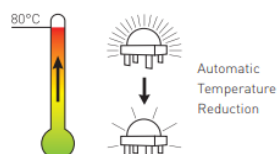
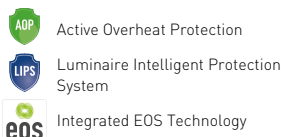


Benefits

- + 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

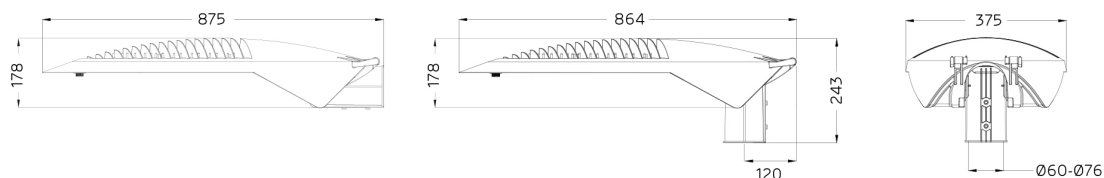
Features

Power supply	Integrated
Input voltage	90 - 305 Vac 127 - 431 VDC
Frequency	47 - 63 Hz
Input Power (default)	180 Watt
Lumen output (up to)	18208 lm
Efficacy (default)	101 lm/W
Colour temperature (CCT)	3000 4000 5700 K
Colour rendering index (CRI)	83+ 73+
Upward light ratio (ULR)	< 1%
LED-count	50 75
Optic	PMMA
Beam optics	Wide area
Housing	Diecast aluminium / tempered safety glass
Mounting	Suitable for straight & bended poles
Pole diameter	60 - 76 mm
Dimensions	864 x 375 x 178 mm
Adjustable angle	-5° to +10°, bended or straight poles
EOS wireless technology	Yes
Motion sensor (PIR)	Optional (EOS technology)
Ingress protection	IP65
Mechanical impact resistance	IK08
Max SCx	0.3 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

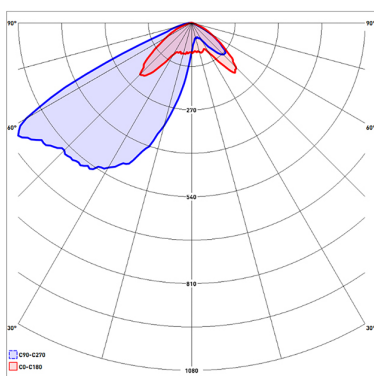


Bever_SPEC_Ambiente EOS2 Area XL_24-05-21

Dimensions



Optic



Ordering information

Name	SKU	Number of LED's	Optic	Power	Lumen	Efficacy	CCT	CRI
Ambiente EOS2 Area XL 50 LED								
Ambiente Area XL 50LED 120W 4000K	16885	50	PMMA	120 W	10759 lm	90 lm/W	4000 K	83+
Ambiente Area XL 50LED 120W 5700K	16886	50	PMMA	120 W	12077 lm	100 lm/W	5700 K	73+
Ambiente EOS2 Area XL 75 LED								
Ambiente Area XL 75LED 180W 3000K	18611	75	PMMA	180 W	18208 lm	101 lm/W	3000 K	73+
Ambiente Area XL 75LED 180W 4000K	16887	75	PMMA	180 W	16811 lm	93 lm/W	4000 K	83+
Ambiente Area XL 75LED 180W 5700K	16888	75	PMMA	180 W	18208 lm	101 lm/W	5700 K	73+

Accessoires

60 - 76 adapter

15354

Luci Series Ambiente. Pole adapter 76=>60mm. Galvanised steel.



19335

Luci Series Ambiente XL. Wall bracket. 110mm arm 0° angle. Steel

Compliances

IEC 60598-1

IEC 60598-2-3 +A1:2011

IEC 62471:2008

IEC 60068-2-52

EN 50102

EN 55015: 2013

EN 61000-3-2: 2006

+A1: 2009

+A2: 2009

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