





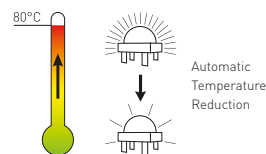
Luci Series **Ambiente** Area XL

Benefits


- + Energy saving up to 70%
- + Increases visibility and comfort
- + Uses most advanced LED-technology
- + 5 year standard warranty
- + Highly 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 fine-tuning of angle
- + Easy to install by one person
- + Attractive design
- + Built-in smart technology:
 - Luminaire Intelligent Protection System (LIPS) 
 - Active Overheat Protection (AOP) 
- + Mounting height: max. 18 meter

Features

Lumen Output	up to 18.208 lm
Input Power	up to 180 W
Efficacy	up to 101 lm/W
Colour Temperature (CCT)	4000 K / 5700K
Colour Rendering Index (CRI)	83+ / 73+
Rated Life	100.000+ Hours*
Housing	Diecast Aluminium / Tempered safety glass
Optic	PMMA
Colour	Silver
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
Mechanical Impact Resistance	IK08
Ingress Protection	IP65
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
Safetyclass	I
Overload Protection (LIPS)	Yes
Weight	11 kg
AC Harmonics	Less than 10% THD compliant to EN55015

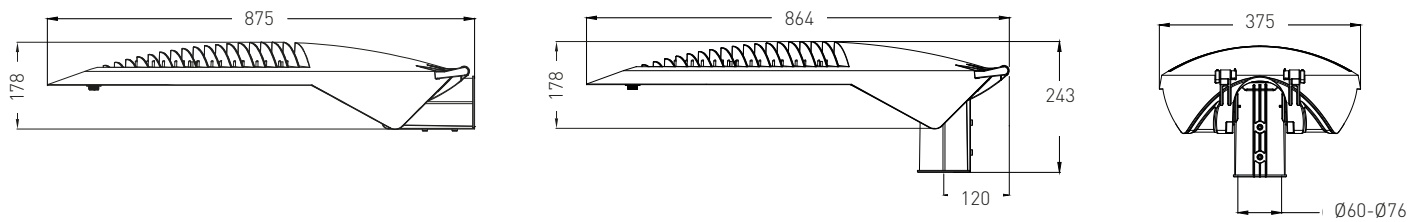


* L70/B10 at 25 °C constant ambient temperature, constant full power

** Active Overheat Protection above 80 °C at PCB 



Dimensions

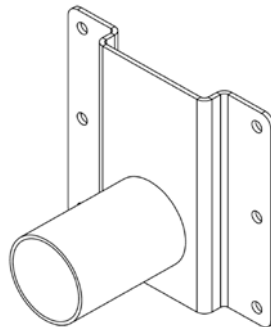


Ordering information

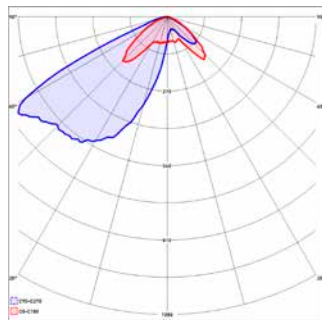
Article number	Nomenclature	Optics	Power	Lumen	Efficacy	CCT	CRI
Luci Series Ambiente 50 LED							
16793	Ambiente XL. A-Symm. Wide Beam. 50LED - N0. 120W default. 4000K.	Wide Area	120 W	10759 lm	90 lm/W	4000K	83+
16788	Ambiente XL. A-Symm. Wide Beam. 50LED - N0. 120W default. 5700K.	Wide Area	120 W	12077 lm	100 lm/W	5700K	73+
Luci Series Ambiente 75 LED							
16794	Ambiente XL. A-Symm. Wide Beam. 75LED - N0. 180W default. 4000K.	Wide Area	180 W	16811 lm	93 lm/W	4000K	83+
16789	Ambiente XL. A-Symm. Wide Beam. 75LED - N0. 180W default. 5700K.	Wide Area	180 W	18208 lm	101 lm/W	5700K	73+

Accessories

16584 Wall adapter for Luci Series Ambiente XL



Optics



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