

# Urbalite S



## KEY ADVANTAGES

- Integrative aesthetics with any urban space.
- Latest-generation LED Technology.
- High light output with reduced power consumption.
- Up to 146 lm/W.
- Robust: IP66 + IK09.
- Lifespan L80B10 100.000h Ta of 25°C.
- Smart Ready: Designed to host both communications node interiors and exteriors.
- Complies with the Zhaga standard.

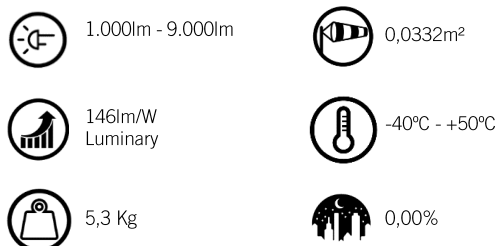


220 - 240V / 120V - 277V  
50-60Hz  
L80B10 100.000h  
Ta 25°C

## DESCRIPTION

The Urbalite series has a design that provides an efficient lighting system and, thanks to its optical distributions, it offers lighting solutions for a wide variety of urban lighting applications.

It has different options and features that have been developed specifically for urban environments. The system offers exceptional optical performance as well as excellent thermal management.



## STANDARD COMPLIANCE

- CE
- RoHS
- UNE-EN 60598-1
- UNE-EN 60598-2-3 o 60598-2-5
- UNE-EN 62471:2009
- UNE-EN 60598.
- UNE-EN 61000-3-2
- UNE-EN 61000-3-3
- UNE-EN 55015
- UNE-EN 61547
- UNE-EN 62031
- UNE-EN 61347-2-13
- UNE-EN 62384
- UNE-EN 13032-4
- UNE-EN ISO 9227 NSS: 2017 (1000h)

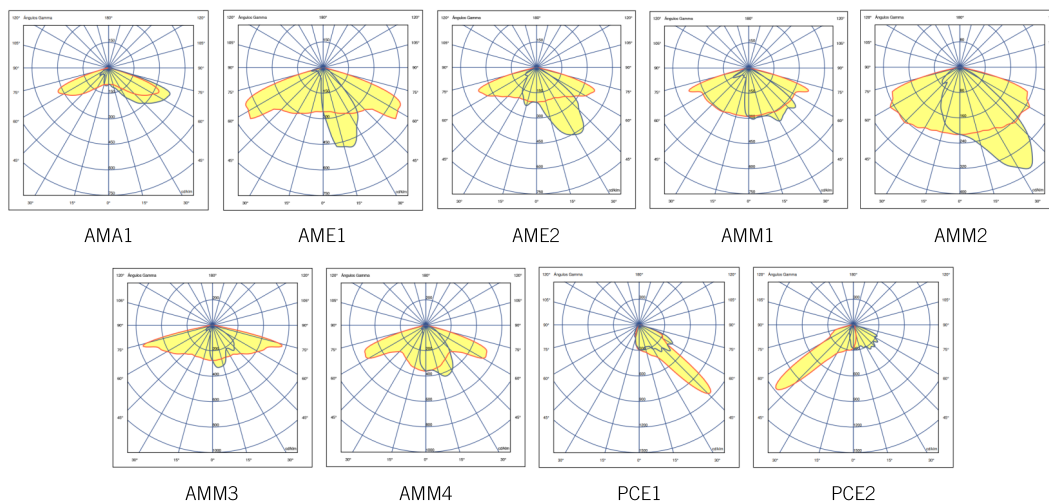
## LOGISTIC INFORMATION

- Gross weight: 5,7 Kg
- Units per box: 1 unit
- Box dimensions: 60 x 310 x 110 mm
- Pallet units: 56 units
- Pallet dimensions: 1200 x 800 x 1540 mm
- Total pallet weight: 319 Kg

Measurements carried out in an ISO 17025 accredited laboratory.  
Meets the minimum requirements CEI - IDAE.

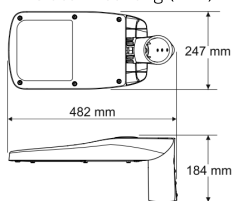
## PHOTOMETRIC DISTRIBUTIONS

It has 9 photometric distributions used for the environments in which this type of luminaire is installed, it can be adapted to all needs:

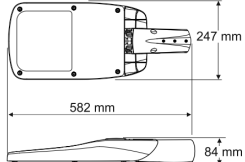


## DIMENSIONS (mm)

Vertical mounting (PT2)



Lateral mounting (SE2)



## ACCESSORIES



Presence sensor C.SENS

## APPLICATIONS

Residential streets, commercial areas, walkways, cycle paths and urban roads.



## CHARACTERISTICS URBALITE S

GENERAL CHARACTERISTICS	
Housing and coupling	Made of aluminium injected cast iron EN AC-44100 in low copper content <0.1%.
Clasp	5mm tempered glass lens thick serigraphed in black. It incorporates silicone gasket.
Finish	Paint powder gray color RAL 9006 Smooth Brilliant (906B).
Nuts outer and bolts	Stainless steel (AISI304).
Watertightness	IP66 (EN 60529).
Impact protection grade	IK09 (EN 62262). Opcionalmente IK10
Operating temperature	Ta -40°C a +50°C According to luminaire configuration.
Lifespan	L80B10 100.000 h. Light maintenance values at 25°C calculated by TM-21 in LM-80 database.

ELECTRICAL CHARACTERISTICS	
Electrical class	Class I o Class II
Voltage / Frequency	220V - 240V / 50Hz - 60Hz Optional 120V - 277V
Power factor	> 0,9
Harmonic distorsion	< 20%
Surge protector	It includes a system of protection against transient surges that protect luminaire electronics up to 10KV/KA.

MAINTENANCE AND ASSEMBLY	
Installation and maintenance	Incorporates cable and connector IP68 watertight prepared for the on-site connection of the luminaire. This way it is not necessary to open and the installation tasks are carried out more quickly and easily.
Fixation	PT2=> Vertical mounting Ø60mm SE2=> Lateral mounting Ø60mm SE3=> Lateral mounting Ø34/48mm
Accessoires	C.SENS=> Presence sensor fixed to column.
Mechanical adjustment	The fixings allow a regulation of +5° a +10°.
Weight	5,3 Kg
Wind area	0,0332m²
Pressure compensation valve	The luminaire has a pressure compensation valve that compensates the internal/ external pressure of the system. The integration of the valve extends the projected life of the joints and inner parts by reducing the pressure placed on them and prevents the entry of moisture into the interior that can produce condensation.

LIGHT CHARACTERISTICS	
Real lumen package	1.000 lm to 9.000 lm (6 - 78W)
LED color temperature	4.000K (Neutral white, nw). 3.000K (Warm white, ww). 2.700K (Warm white, ww). 2.200K (Warm white, ww). Other color temperatures, consult.
Colour rendering index (CRI)	CRI>70.
LEDs	8, 12, 24, and 36 Leds.
ULOR	0,00%
Optics	Polymethylmethacrylate PMMA.
Photometric distributions	AMA1=> Throw 70° spread 65° (Type IV) AME1=> Throw 55° spread 20° (Type I) AME2=> Throw 70° spread 35° (Type III) AMM1=> Throw 70° spread 30°/50° (Type III) AMM2=> Throw 60° spread 35° (Type II) AMM3=> Throw 75° spread 5°/40° (Type II) AMM4=> Throw 65° spread 20°(Type II) PCE1=> Throw 50° spread 55°/60° (Type IV) PCE2=> Throw 50° spread 45°/65° (Type IV)
LED thermal control	The LED modules and the driver are mounted in direct contact with the armature, to dissipate heat by conduction, by convention, extending the life of all the electronic components of the luminaire. Luminaire prepared to incorporate NTC sensor for temperature control, must be indicated at the time of ordering.

MANAGEMENT AND CONTROL	
Equipment	RC: LED Adjustable in header RD: LED Adjustable DALI Protocol AF: LED Adjustable 1 - 10V Protocol RL: Adjustable by line 2N: Double level SR: Sensor Ready Other equipment to consult.
Autonomous regulation	Factory programmed regulations: 56: 50% of the 24:00h at 6:00h. 66: 60% of the 24:00h at 6:00h. 76: 70% of the 24:00h at 6:00h. SC: Programming according to client.
CLO regulation	Flow rate during the life of the product: 7: 70% Luminous flux throughout the life of the luminaire. 8: 80% Luminous flux throughout the life of the luminaire. 9: 90% luminous flux throughout the life of the luminaire.
Socket	NEMA Socket 3 pin without/with cover IP65 (3 or U) NEMA Socket 5 pin without/with cover IP65 (5 or V) NEMA Socket 7 pin without/with cover IP65 (7 or W) Zhaga Socket 4 pin without/with cover IP65 (4 or X)
Photocells	Photocells for NEMA Socket 3, 5 and 7 pin (20 lux) Photocell for Zhaga top Socket (20 lux)
Node	Controlux One Controlux Basic

**NOTE:** Correct data on the date of printing. The company reserves the right to change the value at any time.