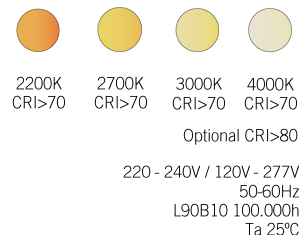
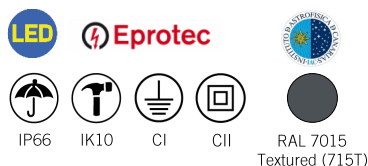


Century



KEY ADVANTAGES

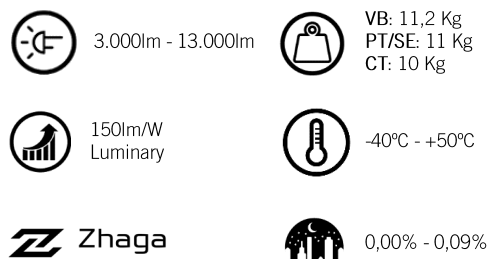
- Contemporary and elegant design for urban spaces.
- Cast aluminum EN AC-44300.
- Up to 8 optical distributions.
- Up to 150lm / W.
- Robustness: IP66 + IK10.
- Pressure compensation system.
- Lifetime L90B10 100,000h at Ta of 25°C.
- Smart Ready: Designed to house both indoor and outdoor communications node through connection bases.
- Complies with the Zhaga standard (Controller and PCB).



DESCRIPTION

Century is the new Carandini luminaire for amenity applications with a unique design. It presents a contemporary and elegant aesthetic, giving to the landscape an harmonious visual effect with the environment during the day, while at night it generates a pleasant atmosphere offering a feeling of warmth and security to people.

Thanks to the versatility of fixations and optical distributions that it has, it shapes the light taking it where it is required, thus creating comfortable environments in all types of urban spaces such as parks, walks, squares, pedestrian spaces, residential areas or historic centers .



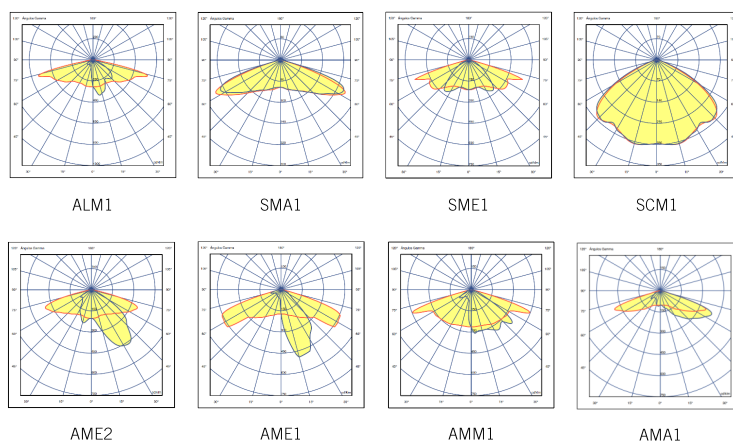
STANDARD COMPLIANCE

- 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)

Measurements performed in ISO 17025 accredited laboratory.
Meets the minimum requirements CEI - IDAE.

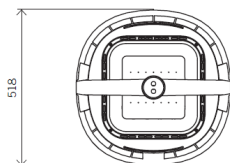
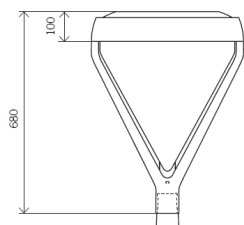
PHOTOMETRIC DISTRIBUTIONS

It has the 8 photometric distributions used for the environments in which this type of luminaire is installed, allows it to adapt to all needs:

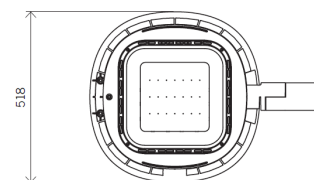
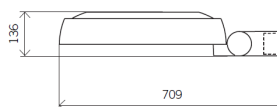


DIMENSIONS (mm)

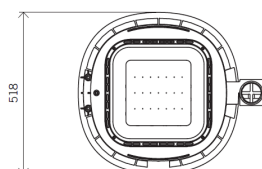
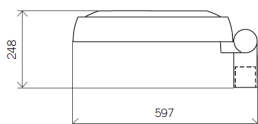
Double arm fixation (ø60mm)



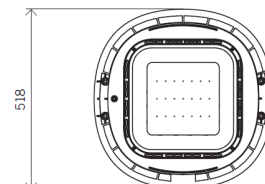
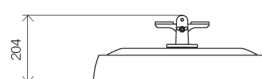
Lateral fixation (ø60mm)



Vertical fixing (ø60mm)

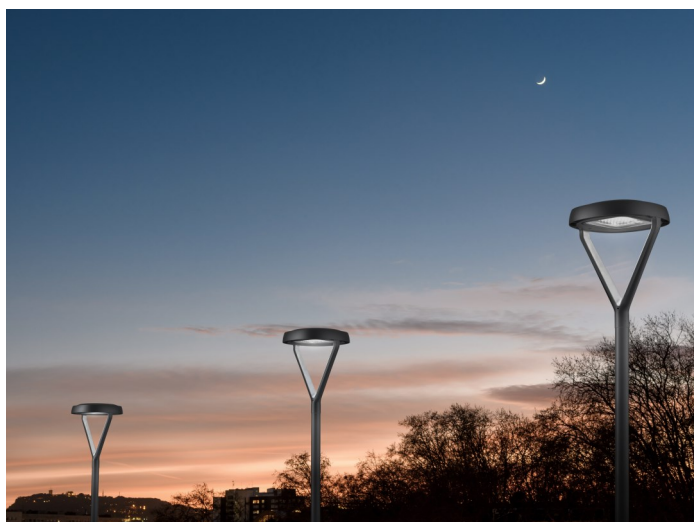


Fixation in Catenary



APPLICATIONS

Urban streets, parks, squares, residential streets, pedestrian routes or even bicycle lanes.



CHARACTERISTICS CENTURY

GENERAL CHARACTERISTICS	
Armor and couplings	Die cast aluminum EN AC-44300 with low copper content <0.1%.
Finish	Cover and coupling of gray powder paint RAL 7015 Textured (715T).
Closure	Tempered flat glass 5mm thick.
Nuts outer and bolts	Stainless steel (AISI304).
Watertightness	IP66 (EN 60598-1 and EN 60598-2-3)
Impact protection grade	IK10 (EN 62262)
Operating temperature	Ta -40°C a +50°C According to luminaire configuration.
Lifespan	L90B10 100,000h at Ta of 25°C. Light maintenance assessments to TM-21 based on LM-80 data.

ELECTRICAL CHARACTERISTICS	
Electrical class	Class I o Class II
Voltage / Frequency	220V - 240V / 50Hz - 60Hz Optional 120V - 277V
Power factor	> 0,9
Harmonic distortion	< 15%
Surge protector	Surge protection (1.2 / 50) 10 kV. Maximum current (8/20) 10kA. Maximum voltage (L-N) 320 V. Maximum voltage (L / N-GND) 400 V.

MAINTENANCE AND ASSEMBLY	
Installation and maintenance	Opening system of the luminaire without tools designed by Carandini. Access to the driver from the top.
Fixation	Double arm fixing VB2=> ø 60 mm. Lateral fixation SE2=> ø 49/60 mm. Vertical fixing PT2=> ø 60 mm. Fixing by catenary
Accessories	C.SENS=> Presence sensor fixed to column.
Weight with equipment	Double arm (VB): 11,7 Kg Vertical/lateral (PT/SE): 11 Kg Catenary (CT): 10 Kg
Mechanical regulation	The vertical PT fixing has a degree of inclination of -10° to + 20°. The lateral fixation SE has a degree of inclination of -20° to + 20°. You can see the angle inclination from the outside as it is marked on the couplings.
Pressure compensation valve	The luminaire has a pressure compensation valve that compensates for internal / external system pressure. The integration of the valve extends the projected life of the joints and internal parts by reducing the pressure that is exerted on them and prevents moisture from entering the interior that can cause condensation.

LIGHT CHARACTERISTICS	
Package real light	3.000 lm up to 13.000 lm
LED color temperature	4,000K (Neutral White, nw). 3,000K (Warm White, ww). 2,700K (Warm White, ww). 2,200K (Warm White, ww). Optionally amber color temperature.
Index of reproduction chromatic (CRI)	CRI>70. Optional CRI80.
LEDs	Incorporate from 16, 24, 36 and 48 LEDs.
F.H.S	<0,09%
Optics	PMMA polymethylmethacrylate.
Photometric distributions	ALM1=> Throw 75° Spread 10°/45° (Type II) SMA1=> Throw 65° Spread 65° (Type VS) SME1=> Throw 70° Spread 40° (Type II) SCM1=> Throw 50° Spread 50° (Type VS) AME2=> Throw 70° Spread 15°/40° (Type II) AME1=> Throw 70° Spread 15°/25° (Type II) AMM1=> Throw 70° Spread 35°/50° (Type III) AMA1=> Throw 65° Spread 65° (Type IV)
LED thermal control	Heat dissipation by conduction through the specific design for this luminaire, since it has been specifically designed for LED technology. (Heatsink).

MANAGEMENT AND CONTROL	
Equipment	RC: Adjustable LED in header. RD: Dimmable LED Dali Protocol. AF: Dimmable LED 1-10V. RL: Adjustable LED in header. 2N: Dual level dimmable LED. SR: Adjustable LED Sensor Ready. Other equipment, consult.
Autonomous regulation	Regulations programmed from the factory: 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 o U) NEMA Socket 5 pin without / with cover IP65 (5 o V) NEMA Socket 7 pin without / with cover IP65 (7 o W) Zhaga Socket without / with IP66 cover (4 or X)
Photocells	Photocell for NEMA 3, 5 and 7 pin base (20 lux) Photocell for upper Zhaga base (20 lux)
Node	Controlux One Controlux Basic

NOTE: Data correct on the date of printing. The company reserves the right to change the value at any time.

ACCESSORIES

C.SENS Column presence sensor



CENTURY PHOTOS

