



6000-R

6000-R lighting solution or another idea of detail



6000-R

Small details often have great effects. Rediscovering lighting with high-definition design is what we offer. Each line is a mark of character. The profile is fine and racy, carved to renew the urban experience.

The 6000-R luminaire knows its subject well – the city. Equipped with the best source of performance, it combines style and efficiency: the number of LEDs is modulated according to need. Power and illumination are controlled. The 6000-R lighting solution delivers uncompromising efficiency, proportionate with its design.



Side mounting





Top mounting



A high definition luminaire



The invention of a new dimension of lighting is born from the cutting of a singular and original silhouette. Refinement and innovation sharpen the senses of creation to offer the best vector of performance. Being both a bearer of new urban trends and respectful of new construction choices.



6000-R-LED



RANGE

Luminaire power range: from 19W to 107W
 Outgoing luminaire flux: from 2163 lm to 11588 lm in 4000K
 In 3000K, flux decreased by 6%.
 Life span L80B10 @350mA @ $t_a=25^{\circ}\text{C} \geq 120\,000\text{h}$.
 Fewer than 10% of LEDs have an outgoing flux inferior to 80% of the initial flux at 120 000h.
 Thermal management of LED by sensor according to driver.

5 OPTICALS AVAILABLE

ASYM 2 - **ASYM 3** - ASYM 3.1 - ASYM 4 - Pedestrian optics

MATERIALS - SURFACE TREATMENT

Body: die-cast aluminum
 Bowls: flat tempered glass
 Choice of RAL colours.
 Baked (220°C) polyester powder coating
 Optional treatment specifically for coast/shoreline

MOUNTING – CABLING

Reversible top/side fixation
 Top mounting on column Ø60-62mm with 0°,5° and 10° tilt or side mounting on tubular bracket Ø60-62 mm 90 mm length with 0°, -5° et -10° negative tilt relatively to the bracket.
 10 available meter pre-cabled luminaire (flexible cable 2x 1.5mm²)

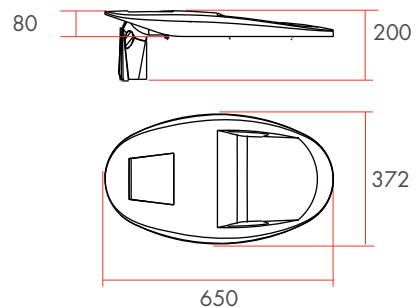
INSTALLATION – MAINTENANCE

Captive screws' opening. Replaceable driver.
 Replaceable LED module.

RESISTANCE TO OVERVOLTAGE

Category IV luminaire, holding to a shock wave of **6kV** between phase-neutral and earth.
 Protection against lightning **10kV-5kA** between phase-neutral and earth to be provided at the base of the pole.

DIMENSIONS

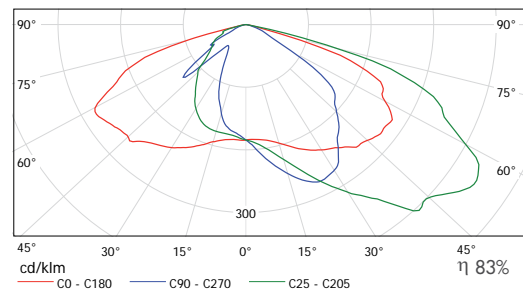


Adjustable luminaire tilt in top and side mounting

WEIGHT/SURFACE SCX : 9,5kg/0,04 m²

POLAR CURVES

Standard lighting type for roads (ASYM 3)



OPTION

For a communicating system, dual pre-cabling dedicated to communication is necessary (flexible cable 5Gx1.5mm²)
 Zhaga standard LED module.

SMART LUM

Adjusted output power			Point to point control		Autonomous group with pilot wire	Group management	Luminous points' management
P-adjust	F-Constant	Detect	BP6 Prog	Cycles Prog	Prog Switch with Detect	VAR	Dali
●	●	● Remote sensor	●	●	●	●	●



ZI Cana Est - Rue François Labrousse
B.P. 80005 - 19317 BRIVE Cedex - FRANCE

Tel. : +33 555 23 07 89
Fax : +33 555 23 07 91
export@abeleclairage.com

www.abeleclairage.com