



LED ISLA





4 - 6m



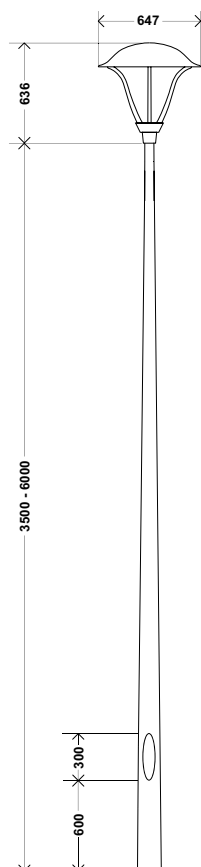
A LIGHT AND ELEGANT LED SOLUTION FOR EVERYWHERE IN THE CITY

The LED-equipped Isla luminaire on a cylindrical conical, galvanised steel column is characterised by its lightness and elegance. It is particularly suited to lighting environments such as city centres, public squares, parks, residential areas or car parks.

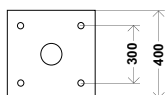
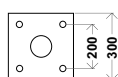
It is designed for installation at a height of 4 to 6 metres.

While providing high photometric performance, this ensemble, based on LED technology, offers the advantage of a being a very economical solution.

STRAIGHT POLE



MOUNTING BASE





Design: Michel Tortel

CHARACTERISTICS – LUMINAIRE

Tightness level:	IP 66 (*)
Impact resistance (glass):	IK 08 (**)
Aerodynamic resistance (CxS):	0,09 m ²
Nominal voltage:	230 V - 50 Hz
Electrical class:	I or II (*)
Weight (empty):	9,5 kg

(*) according to IEC - EN 60598

(**) according to IEC - EN 62262

AN ECONOMICAL SOLUTION WITH LED TECHNOLOGY

The Isla luminaire offers an economical lighting solution based on LED technology. This luminaire is available with 3 different power versions all characterised by low energy consumption for high-quality photometric performance: 28 LEDs (less than 40W), 34 LEDs (less than 50W) or 42 LEDs (less than 60W).

Designed by Michel Tortel, the Isla luminaire presents an elegant design that perfectly integrates into many urban and residential environments.

The Isla luminaire is composed of aluminium and glass.

Colour: grey AKZO 900 sanded

Any other RAL or AKZO colour upon request

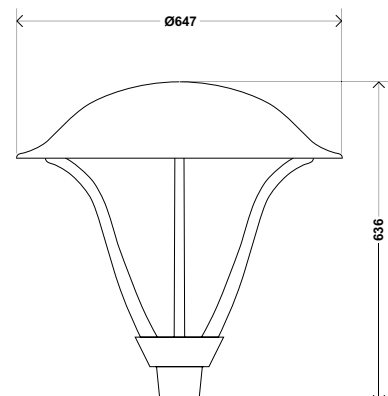
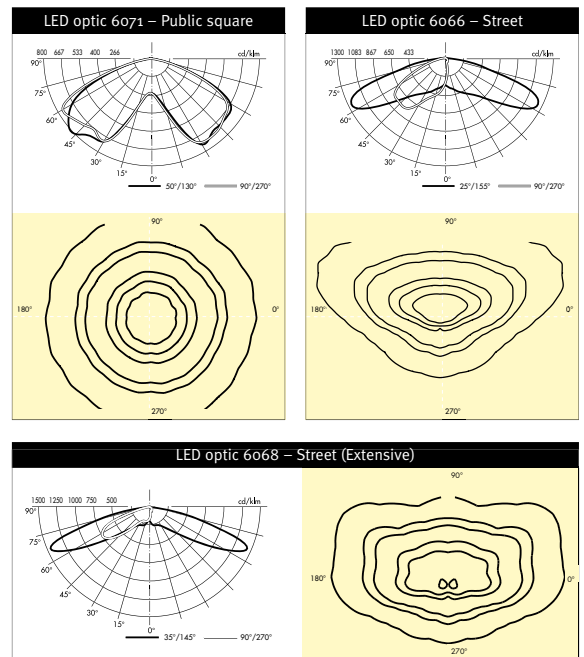
LIGHT SOURCES

High-power white LEDs

Type	Cree XR-E
Power	1.2 W
Number of LEDs / luminaire	28 / 34 / 42
Number of LEDs (blue) / luminaire	1
Colour temperature	Warm white 3500K Cold white 6000K
Luminous efficacy(*)	Warm white 87 lm/LED Cold white 107 lm/LED

(*) The type of LEDs used may be changed in accordance with the continuous and rapid developments in LED technology. To follow the progress of the luminous efficiency of the LEDs used in the Isla luminaire, please visit our web site.

LIGHT DISTRIBUTION



LEDS: THE ADVANTAGES OF A DIFFERENT KIND OF LIGHTING

The Isla LED-equipped luminaire brings together some of the significant advantages of this new technology. In terms of photometry, the highly directional flux of LEDs fitted with appropriate lenses makes it possible to direct the light precisely where it is desired at the levels required while permitting low-height installations. The optical compartment of the Isla is sealed by flat glass that offers the advantage of not producing intrusive light and of meeting the most demanding light pollution criteria (no emission of upper flux), thereby satisfying in particular the needs for high-quality urban lighting.

To create ambiance, a blue LED accentuates the luminaire's nocturnal presence by giving it a particular relief and volume.

ALUMINIUM AND GLASS

The Isla luminaire is composed of a painted die-cast aluminium base section with three die-cast aluminium arms supporting a flat tempered glass protector which is covered by a deep drawn aluminium cover.

LEDS FOR MAXIMUM LIFETIME

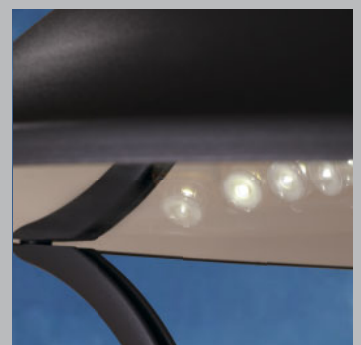
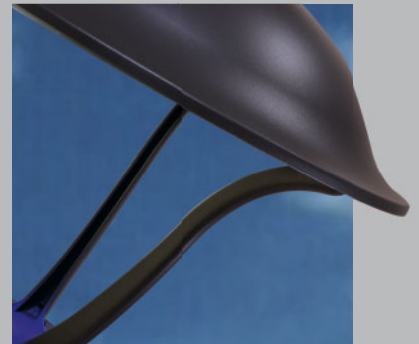
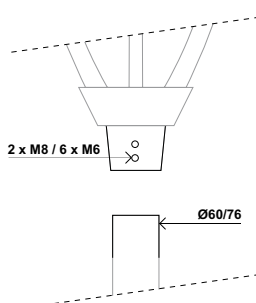
The use of LEDs makes it possible to avoid classic maintenance operations given their exceptional lifetime (50,000 hours).

In order to avoid any disturbance of the optical-control gear compartment, the luminaire is supplied pre-cabled. In the case of replacing an existing installation, the connection to the power supply network is made through an access plate on top of the base.

MOUNTINGS

The Isla luminaire offers slip-over mounting onto a 60 or 76mm diameter pole by the tightening of 2 M8 screws or 6 M6 screws.

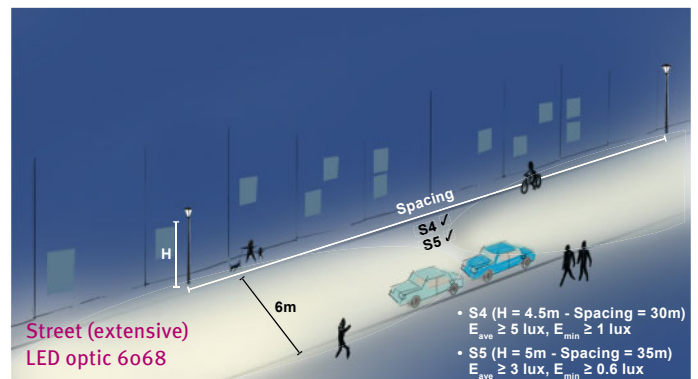
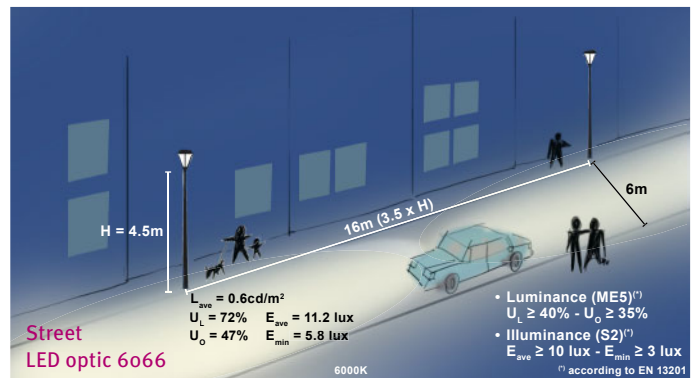
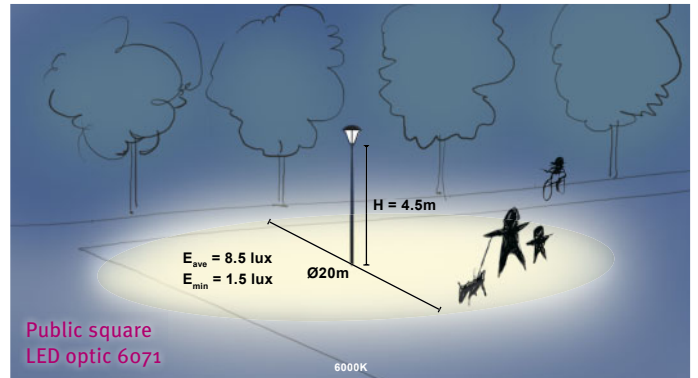
An "anti-vandal" system requiring a special tool is available as an option.



LOW-HEIGHT PHOTOMETRIC SOLUTIONS

Thanks to their highly directional flux and optimised position and inclination, the LEDs fitted with special lenses offer an excellent control of the lighting. This control is characterised either by optimal uniformity, a source of visual comfort and increased security, or by a remarkable distance between poles.

The Isla luminaire with LEDs is offered with 3 photometric variants so as to offer a lighting solution for many applications.







LED LIGHTING

by Schröder

