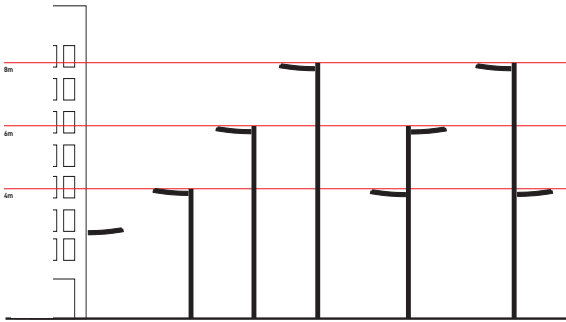


Wind belongs to a new generation of urban lighting luminaires, designed with high lighting efficiency based on the use of LED's and with an optical group which ensures the efficiency of the fixture and, at the same time, high visual comfort. Wind arises from the collaboration between Uli Marchsteiner-Joan Casañes and Troll.



Power

LED 40W, 49,5W, 73W, 100W

Beam

130° x 45°

Colour temperature

4000K neutral white - CRI ≥ 70

Nominal lumen output

40W - 3500 lm, 49,5W - 4700 lm, 73W - 6550lm, 100W - 8365lm

Control gear

Electronic (EL)

IP - IK

IP66, IK07

Finishes

Grey [221]

Supply voltage

220... 230V, 50/60Hz

Installation

Floor

Accessories

End pole, wall-mounted version

Energy efficiency

The energy saving of Wind is more than 30% compared with conventional public lighting. A reduction in energy consumption means fewer emissions of greenhouse gases. Moreover, Wind is doubly efficient thanks to the custom designed control gear used to ensure fulfilment of high energy efficiency (90-95% according to load) and its adjustment with which makes it possible to vary levels of intensity.

Energy efficiency

Wind offers good photometric results, with excellent visual comfort and a high level of visual uniformity.

Visual comfort. An optical system has been designed in order for Wind to obtain excellent results and high visual comfort. Wind includes 50 LEDs and each LED includes an asymmetric reflector to maximise light flow. With this system the optical group can be configurable, with the possibility of directing the light to achieve a symmetrical or asymmetrical distribution and offer several options according to the application.

Uniformity. Wind also includes a prismatic methacrylate refractor at the bottom to achieve perfect evenness of lighting.



Design

Wind's design makes it fit in perfectly with the surroundings, ensuring the total absence of emission of flow to the upper hemisphere (FUH) and helping reduce maintenance costs.

High level of design. Wind belongs to a new generation of luminaires for today's cities. With a stylized, dynamic design and, above all, one which fits in with the urban environment. Reduced light pollution. Wind is designed to completely eliminate the emission of light flow to the upper hemisphere, thereby preventing light pollution.

Reduced maintenance costs. The use of LED technology helps reduce the maintenance costs of public lighting thanks to the long life of the LEDs.

Versatility. Wind is an urban lighting luminaire that offers several fitting options, on columns of 4, 6 or 8 meters in height, in groups of one, two or three luminaires and a wall-mounted model.

Features

The luminaire is made in die-cast aluminium with a slight curve of the 3,000mm radius which gives it an appearance of lightness and prevents upward emission of light flow. It contains high performance LEDs distributed in 10 modules of 5 LEDs each and with an optical system designed on the basis of asymmetric reflectors for each LED. The optical system makes it configurable, offering the possibility of achieving a symmetrical or asymmetrical distribution. It also has a prismatic methacrylate refractor at the bottom to achieve perfect uniformity of lighting.

Double silicone joint guaranteeing a sealed to high standards (IP66).

The electronic control gear is built in and supplies constant current, without fluctuations. The control gear can be adjustable with a two-level system, prepared for installations with flow regulation at the head or with control signal, to adapt to the real, dynamic needs of the project.

Can be mounted individually or in groups of two or three luminaires depending on the height of the column. Enquire about columns, available heights: 4 meters, 6 meters, 8 meters. Mount for attaching the luminaire to the column not included (see accessories). There is also a wall mounted version that gets rid of the irritating effect of "light intrusion" in the housing.

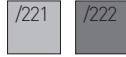
Control gear of standard versions can be adjustable by tension variations at the head, from 230V to 180V. Available versions with regulation by control line to 230V, DALI (on demand).



Features



Luminaires finishes

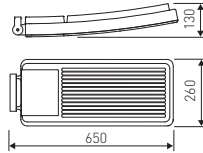


Finishes poles



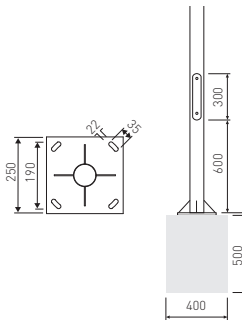
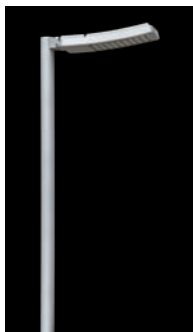
To complete the product reference, add finish

Luminaires



■	■ ■	■ ■	■ ■
40W 130°x45° 3500lm 4000K 7125N/50	49,5W 130°x45° 4700 lm 4000K 7150N/50	73W 130°x45° 6550 lm 4000K 7150N/70	100W 130°x45° 8365 lm 4000K 7150N/100

Poles



■ ■	■
h=4m Ø 90 17/7154	h=4m Ø 90 17/7154

■ ■	■
h=6m Ø 102 17/7156	h=6m Ø 102 17/7156

To install the luminaire it is necessary to incorporate End / Medium pole accessories ref. 15/7151

■ ■	■
h=8m Ø 102 17/7158	h=8m Ø 102 17/7158

Accessories finishes

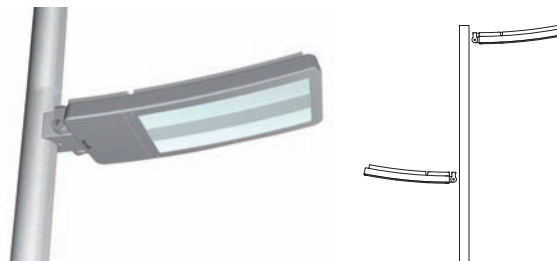
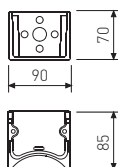


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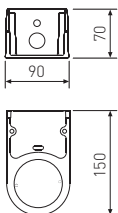
End / Medium pole
(for pole 17/....)

15/7151



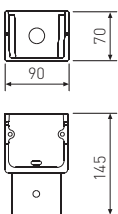
End pole (to replace
luminaires in poles of
Ø60 mm)

15/7150



End pole (to replace
luminaires in poles)

15/7153



Wall-mounted version

15/7152

