

ONYX 33



ADVANTAGES

- Sealsafe® for optical compartment
- Top access to lamp and control gear
- All aluminium and glass
- High-performance photometry
- Savings in maintenance costs
- Choice of colours

DESCRIPTION

Public lighting luminaire Onyx 33 is an upgraded version of the Onyx 3, suitable for lamps of up to 600W. Where the upper canopy used to be a simple die-cast aluminium piece, the Onyx 33 has a 2 part canopy connected to each other via a stainless steel hinge. One half of the canopy is fixed to protect the reflector while the other half flips forward to allow access to the control gear compartment. The control gear canopy is fitted with toggle clips.

The degree of protection for the control gear compartment is improved to IP65 while the optical compartment carries the Sealsafe® IP66 characteristic. The control gears are mounted on a removable gear tray.

The optical compartment consist of a reflector made of deep drawn, polished and anodised aluminium sealed onto a protector made of curved-tempered glass.

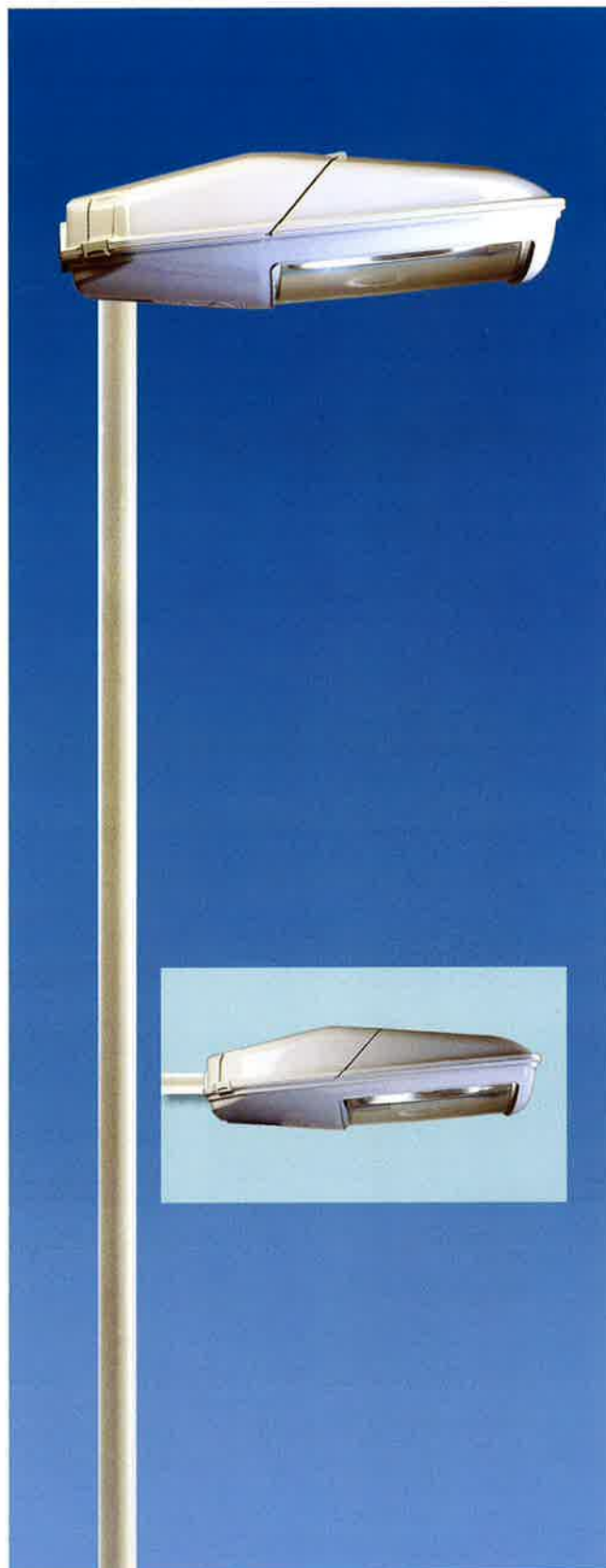
The Onyx 33 can accept a side entry mounting system (diameter 60mm) or a vertical entry (diameter 60 - 76mm)

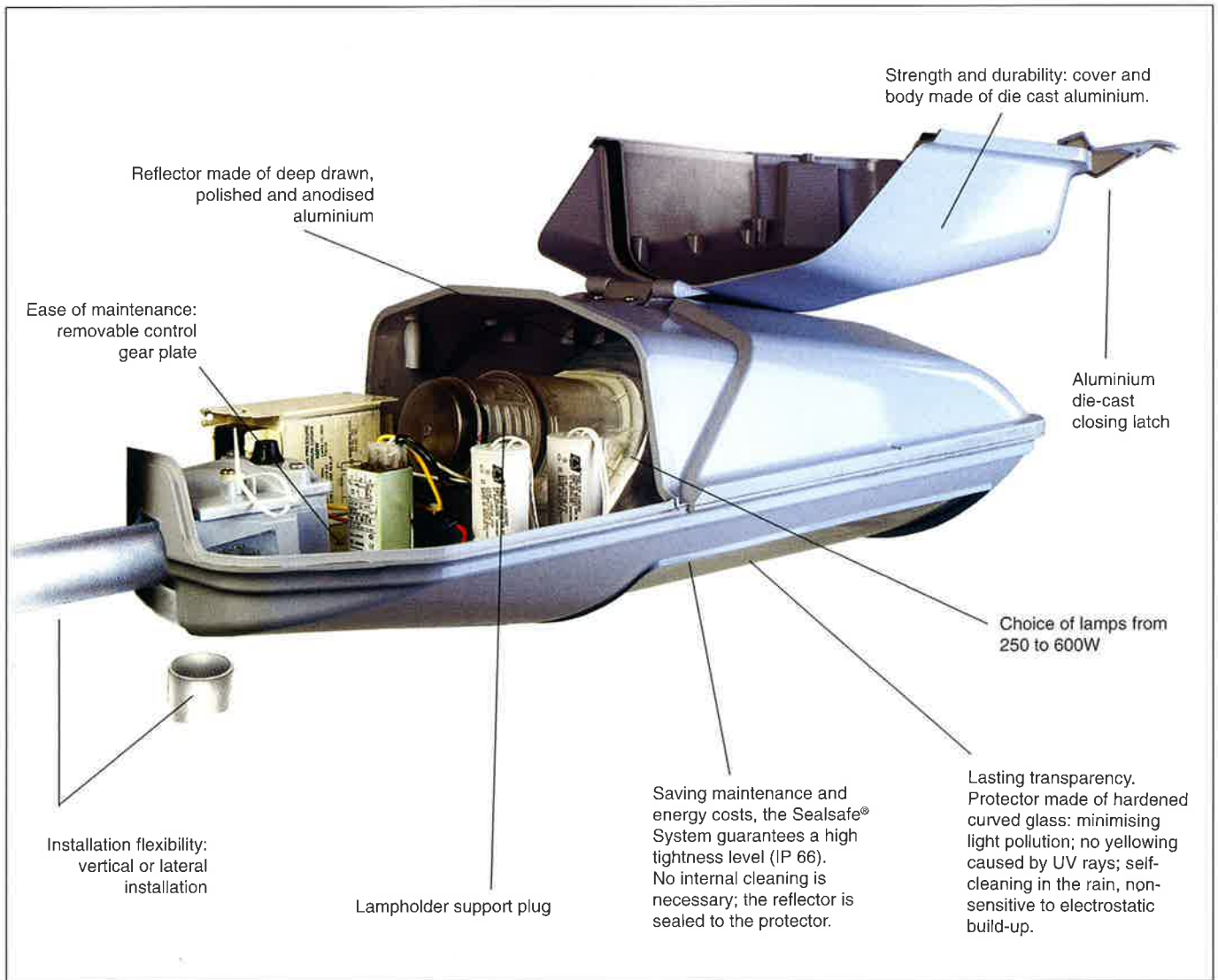
CHARACTERISTICS

Optical compartment tightness level	Sealsafe® IP 66 (*)
Control gear tightness level	IP 65 (*)
Aerodynamic resistance (CxS)	0.073m ²
Impact resistance (glass)	IK 0,8 (**)
Electrical insulation class	1 or 11 (*)
Weight (empty)	11.7 kg

(*) according to standard EN 60598

(**) according to standard EN 50102





MAINTENANCE



Access to the control gear compartment by unlocking the 2 latches and flipping the back canopy forward



Access to the lamp by turning the lampholder support by a quarter turn

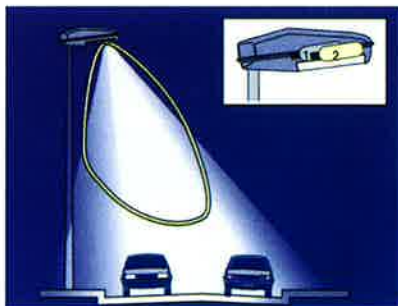


The control gear plate is removable

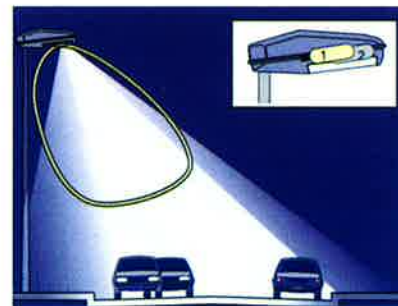
PHOTOMETRY



The curved glass protector provides maximum flux control and reduces light pollution to a minimum.



Lamp in forward position for a narrower road width ($W = 0.8 H$).



Lamp in pulled back position for wider road ($W = 1.5 H$).

Optimum flux control

The convex glass protector provides optimum flux control, helping to reduce light pollution to a minimum.

The use of glass with a low internal refraction and the shallow depth of the protector account for this excellent result. The curved shape of the Onyx protector enables the lamp position to be lowered sufficiently to prevent the flash effect typical of flat glass. This results in a more extensive photometric distribution which allows a more cost-effective spacing between columns.

Glass protector

The Onyx range is fitted with a toughened glass protector with a transparency of at least 96%. The inherent characteristics of the glass guarantee uniformity and optimum transparency; it does not yellow under UV rays and there is no electrostatic build-up of dust particles.

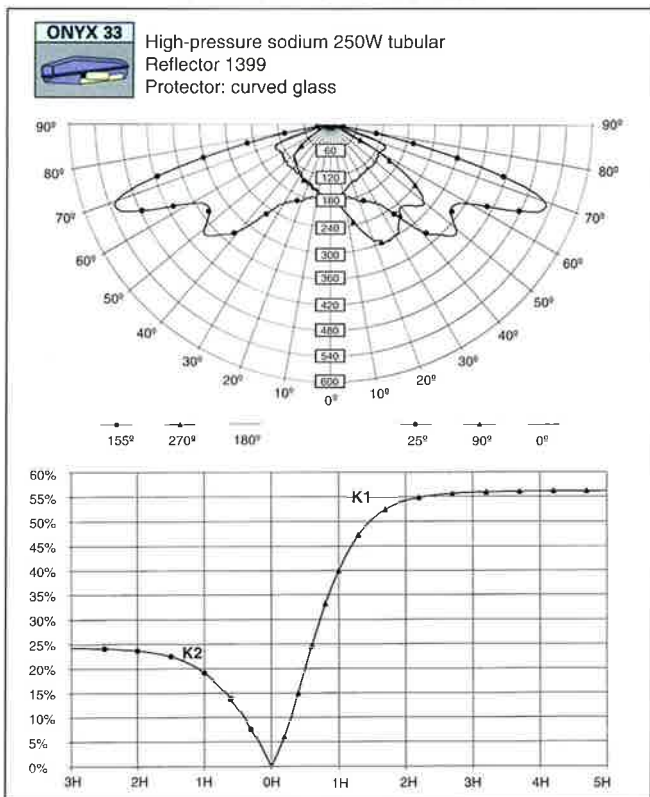
Adjustment system

The lampholder is fitted inside the lampholder support plug. Three lampholder positions are possible according to the required photometric distribution. This system of adjustment enables the lighting to be adapted to the demands of the site (width of the road, height of the installation, etc.).

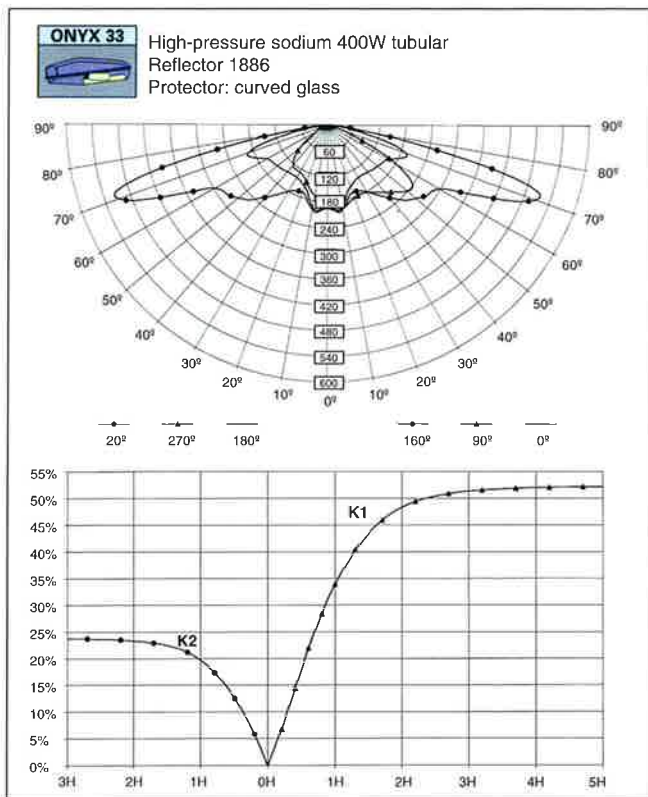
Optimum long-term photometry

The qualities of the glass combined with the advantages of the Sealsafe® system ensure that the Onyx range gives a consistently optimum level of photometric performance over the long term. Loss of light is reduced to almost zero.

ONYX 33 NB / 250W / 1399



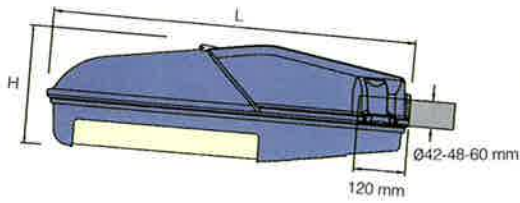
ONYX 33 NB / 400W / 1886



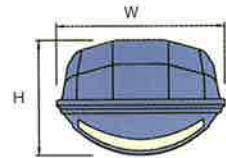
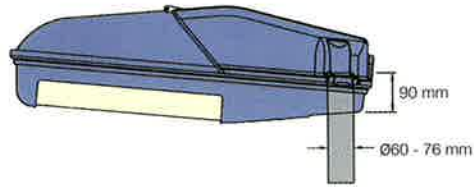
Note: Photometric data of other lampholder positions is available on request.

DIMENSIONS - MOUNTINGS

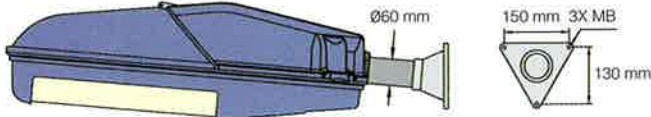
Lateral mounting



Vertical mounting



Mounting on a wall bracket (optional)

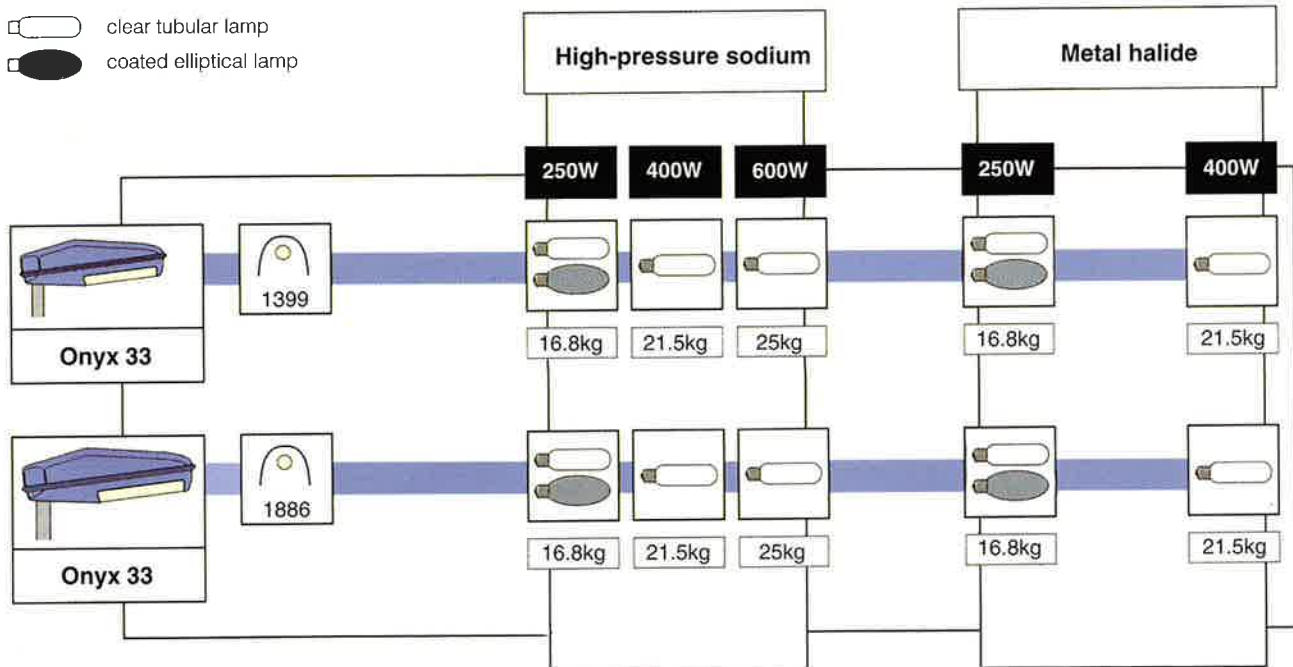


Mounting with 2 press screws

	L	H	W
Onyx 33	841 mm	268 mm	390 mm

LAMPS - REFLECTORS

- clear tubular lamp
- coated elliptical lamp



OPTIONS

- Any other RAL colour than standard colours
- Photoelectric cell
- Dimming control gear

Due to the continuous research and development we undertake on our products, we reserve the right to alter the specifications without notice. The information, descriptions and illustrations above are of only an indicative nature and as these may present different characteristics according to requirements of individual countries, we invite you to consult us.



STRAITS DESIGN SDN. BHD. (194668-D)

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