

Lentis

Alfredo Arribas, 2002

UPDATING AND IMPROVEMENT OF THE CLASSICAL GLOBE STREET LIGHT
WHICH EXPANDS THE QUANTITY OF LIGHT AND AVOIDS LIGHT POLLUTION



Lentis streetlamp

Alfredo Arribas has designed a modern street lamp with a classic lenticular shape. Thus, he enlarges the projection of light of the classical globe in the bottom half and avoids light pollution with the opaque top half.

On flattening the dimensions in relation to the classical globe, this increases the diffusion surface area and its performance; a street lamp adaptable to all kinds of urban spaces. The support is a classical cylindrical shaft which does not reduce the prominence of the luminaire.

Materials and finishes

Body manufactured in translucent polyethylene. An anti-rust, sandblasted, cast aluminium ring joins column and light. Cylindrical 114 mm diameter column of hot-galvanized or sandblasted stainless steel AISI 316.

Maintenance

Normal part replacement and maintenance.

Installation

The element is delivered disassembled. Assembly instructions are included.

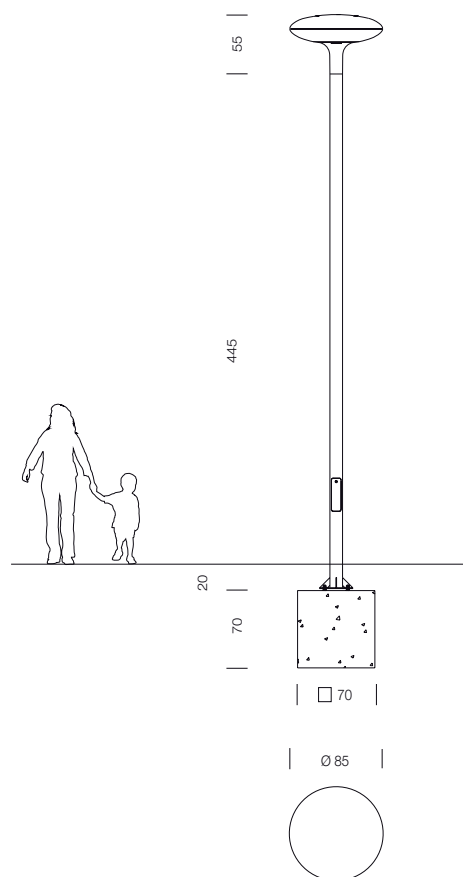
The column is fixed using a concrete cube made on site and anchor bolts, 20 cm below the paving. The foundations should provide a slot for the electrical connection. Anchorage bolts and pattern come with the column.

Weight

48 Kg.

Model

Sizes in cm.



Mies van der Rohe Pavilion, **Barcelona (Spain)**



Luminaire

85 cm diameter translucent, natural colour, polyethylene luminaire with aluminium reflector powder-painted in white.

Lamp

150W HIE-CE/m or HSE

Lampholder: E40

Luminaire efficiency: 55%

Upper flux fraction: 12,56%

Degree of protection: IP-55

Electric class I

EC Marking

