

TC100 & TC100R



Application

For illuminating roads and walkways in residential zones, pedestrianised streets, parks and gardens, plazas, etc. Recommended height for mounting is between 3 and 5m.

Technical specification

Classic street lamps, manufactured in die-cast aluminium with a one-piece refractor assembly (side panels). The TC-100R model differs in its internal reflector that offers an asymmetric photometric distribution. For high pressure sodium and metal halide lamps up to 150W.

Housing

Housing in two parts (canopy and lower body) in die-cast aluminium, electrostatically sprayed with a polyester powder paint finish, following anti-corrosion priming, and oven cured at 180°C. Standard colour: RAL 9011 black. Consult other colour options. Top adornment is removable for substituting with an external photoelectric control unit, supplied separately. Integral control gear mounted on the base of the lower body.

Optical assembly

Aluminium reflector in TC-100R model with street-type asymmetric distribution. Side panels with a one-piece prismatic refractor assembly, injection moulded, UV stabilised acrylic (polycarbonate optional).

Installation

System for mounting to columns of up to 76mm diameter, by way of an adaptor built into the lower body.

Maintenance

Easy access to lamp and control gear by way of the captive screw that secures the canopy to the lower body.

Degree of protection: IP54.

Insulation: Class I.

Effective projected area: 0.15 m²

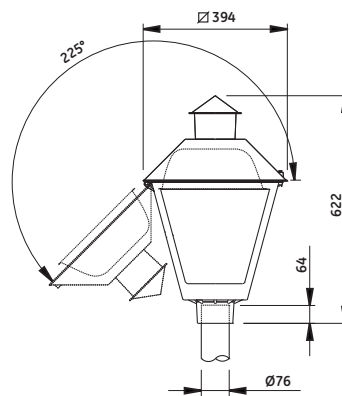
Approx. weight with ballast: 5 to 7kg.

Notes

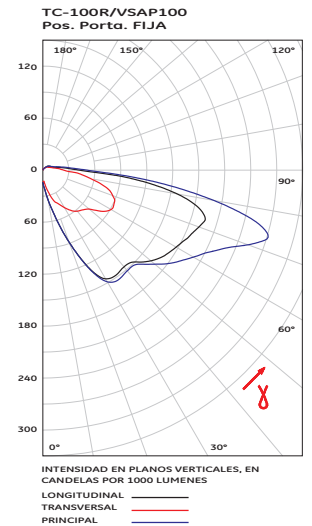
The luminaires may incorporate a photoelectric control unit.



Dimensions (mm)



Photometric data



TC-100

CEI 34.21 /EN 60598-1, IEC 60 – 230V 50Hz – Class I (Optional Class II)
Optic IP54 – Control gear IP54

Description	Lamp ILCOS code	Pack Qty	Product Code
TC-100 HPS 70W	SE-70-H-E27-72/156	1	88015
TC-100 HPS 100W	ST-100-H-E40-48/211	1	88016
TC-100 HPS 150W	ST-150-H-E40-48/211	1	88017
TC-100 MH 150W E40	MT-150-H-E40-48/209	1	88018

TC-100R

CEI 34.21 /EN 60598-1, IEC 60 – 230V 50Hz – Class I (Optional Class II)
Optic IP54 – Control gear IP54

Description	Lamp ILCOS code	Pack Qty	Product Code
TC-100R HPS 70W	SE-70-H-E27-72/156	1	88019
TC-100R HPS 100W	ST-100-H-E40-48/211	1	88020
TC-100R HPS150W	ST-150-H-E40-48/211	1	88021
TC-100R MH 150W E40	MT-150-H-E40-48/209	1	88022