



ATOS PUBLIC LIGHTING SYSTEM LIGHTING FIXTURE

ATOS Lighting Fixture



Basic Information

The **ATOS** collection of fixtures represents today's very finest in fixtures designed for illuminating roads of all classes, and public spaces in general. New technical solutions that significantly increase the quality of these fixtures and guarantee the high level of light and technical properties of these fixtures are used in their design. The ATOS lighting fixture is suitable for the broadest group of customers.

Technical Description

The technical design of the fixture allows easy access to both the additional circuits section and the luminous source by tilting the plastic housing after releasing the clamp in the fixture rear section. The luminous source is located in the compact optical block of the fixture by means of a special socket. The fixture has excellent luminous technical parameters. The fixture is completely made of plastics highly resistant against the UV radiation and shocks. By changing the discharge lamp position in the optical system, it is possible to achieve the fixture photometry required so that it then precisely corresponds to the parameters of the illuminated area. The tilt can be arranged in the range of -5° to $+5^{\circ}$. The fixture's universal holder is made of an aluminium alloy and can be used for both the extender and the pole for diameters 42 to 60 mm. It allows both the vertical and horizontal mounting. As standard, the fixture is supplied in a light grey colour.

Maintenance

The luminous source and the electric block can be replaced after tilting the plastic cover. The fixture source socket holder is pushed/pulled into/out of the optical system through a bayonet closure.

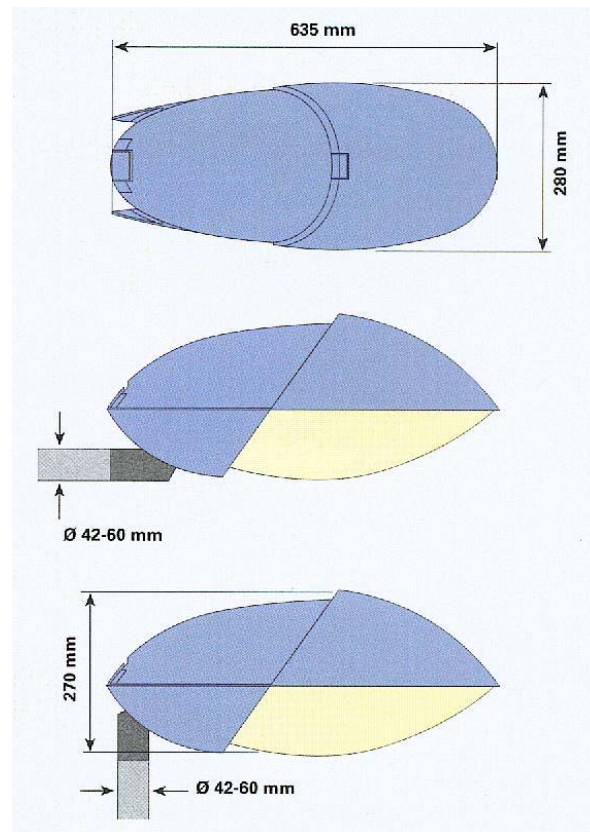
Electric additional circuits can be repaired in a workshop after simple removal of the whole electric block plate.

Luminous Source

Available for use:

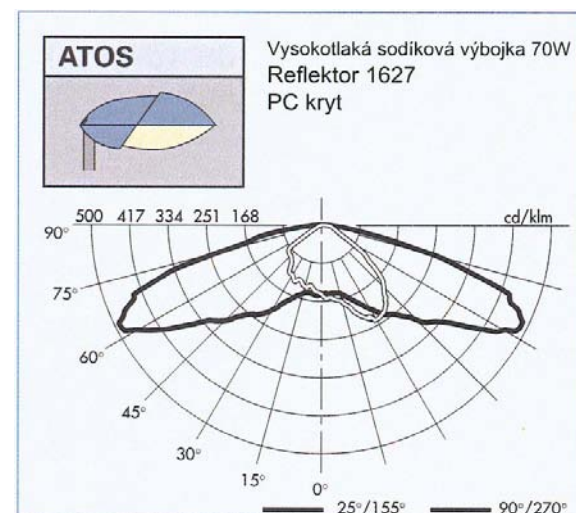
- 50 W – 150 W high-pressure sodium discharge lamps

Lighting Fixture Dimensions



Photometric Data

Sodium discharge 70 W lamp luminosity curve



Lighting Fixture Parameters

Rated voltage:	230V / 50Hz
Luminous source:	70 W – 150 W high-pressure clear sodium lamp
Optical section protection:	IP66
Electric section protection:	IP54
Electric class:	I or II
Dimensions (LxWxH):	635 x 280 x 270mm
Mass:	3.6 kg
Pole shaft diameter:	42 -60mm

Contact

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