

## MARS PUBLIC LIGHTING SYSTEM FIXTURE

### Mars Lighting Fixture



### Basic Information

The **MARS** fixture is a simple durable fixture suitable for illuminating public areas and communications, parking lots, outside industrial spaces and other areas.

The fixture has good luminous technical parameters. Its variability allows multiple installation configurations.

The standard finish is light grey colour (with the option of a custom-made finish in dark grey, black, or green).

### Technical Description

The basic skeleton of the fixture is made of polycarbonate stabilized against UV radiation effects. The optical section consists of a reflector made of faceted anodised aluminium and a reflective white sheet metal. The optical housing is made of stabilised clear acrylate or polycarbonate.

The technical design allows easy access to the luminous source after tilting the optical housing and releasing two clamps on the fixture sides. The section with additional circuits of the fixture can be accessible after tilting its cover and releasing two locks in the fixture's rear side. The section with additional circuits is, thanks to a connector attachment, easily demountable.

The fixture design allows multiple configuration installation on the commonly used poles and extenders of the public lighting system.

### Maintenance

The luminous source can be replaced and the electric block removed after tilting the plastic cover. The luminous source socket holder bears a bayonet-fixing system furnished with a silicone sealing; the system can be pushed/pulled into/from the optic system by slight turning.

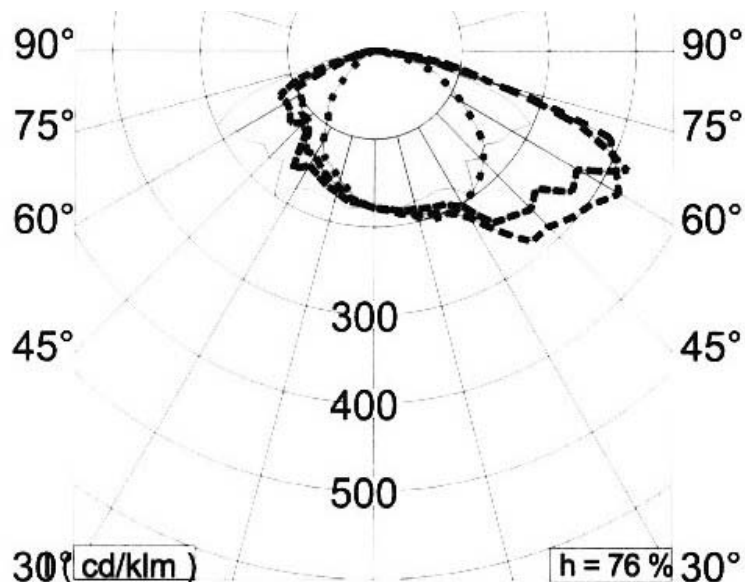
Electric additional circuits can be repaired in workshop after simple removal of the whole electric block plate.

### Luminous Source

Standard model: 50 W – 150 W high-pressure sodium lamp  
 Custom-made model: HME 80, 125 W high-pressure mercury discharge lamp  
 Custom-made model: TC-T 42 W compact fluorescent tube

### Photometric Data

Luminance curve of 70 W high-pressure clear sodium discharge lamp



### Lighting Fixture Parameters

Name:	Public lighting system fixture
Type:	MARS
Rated voltage:	230 V / 50 Hz
Luminous source:	50 -150 W sodium discharge lamp
Optical section protection:	IP64
Additional circuits protection:	IP43
Electric class:	II
Dimensions (LxWxH):	470x290x200 mm
Mass:	2.9 - 4.9 kg

### Contact

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