

Product Name :
Modular Artificial Solar Source

Product Code :
EEW0006



Description :

Modular Artificial Solar Source

Technical Specification :

Modular Artificial Solar Source Manufacturer

Modular Artificial Solar Source

The spectral distribution of the solar radiation and that of the artificial source are compared in the table below. It will be seen that the similarity is quite good, the radiative power in the range of wavelength $0.4\mu\text{m} < \lambda < 2.2 \mu\text{m}$ being about 90% for the sun and about 76% for the artificial source.

Technical specifications

Lamps :

Number : 6

Power : 1000 W each

Voltage : 220/380 V, 50 Hz, 3-phase

Life : 2000 hours

Type : double envelope halogen

Mirrors :

Material : special surface aluminium

Shape : parabolic

Radiation received by the mirrors is in part diffused and in part reflected to form a beam parallel to the axis of the parabola.

Note : Two-lamps elements of the solar source can also be supplied on request.

Dimensions and weight

1000 x 850 x 200 mm

Weight : 50 kg

Essential requirements

220/380 V, 50 Hz, 3 phases 6 kW

Electrical and Electronics

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