

**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

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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

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