

# HL 313.01

## Artificial light source



### Specification

- [1] artificial light source, comprising 2 vertical rows of 4 halogen lamps
- [2] halogen lamps with adjustable inclination angle

### Technical data

Power: 8x 1000W

400V, 50Hz, 3 phases  
 400V, 60Hz, 3 phases  
 230V, 60Hz, 3 phases  
 LxWxH: 1340x810x2100mm  
 Weight: approx. 118kg

### Scope of delivery

- 1 light source
- 1 manual

### Description

- light source comprising halogen lamps
- reproducible test conditions for trainers on solar energy

The artificial light source HL 313.01 enables solar energy experiments independently of natural sunlight. As a result, trainers for the use of solar energy such as ET 250, ET 255, ET 256, HL 313, HL 314, HL 320.03 or HL 320.04 can be operated in closed laboratory rooms. With this light source, it is possible to ensure reproducible test conditions at any time.

The light source contains eight halogen lamps arranged in two rows. The angle of inclination of the individual halogen lamps can be adjusted in order to adapt the irradiation for the respective experiment. The illuminance can be altered by changing the distance to the respective light absorber.

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### Optional accessories

HL 313	Domestic water heating with flat collector
HL 314	Domestic water heating with tube collector
HL 320.03	Flat collector
HL 320.04	Evacuated tube collector
ET 250	Photovoltaic modules measurements