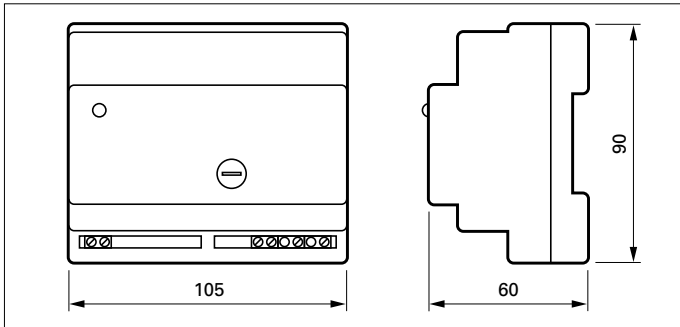
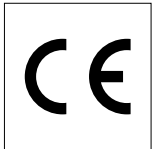


# LRD 8000 - Light regulator for GLS and conventional LV halogen transformers



Dimensions in mm



## Product details

- A light regulator for incandescent lamps, high-voltage halogen lamps and low-voltage halogen lamps with conventional transformers. Low-voltage halogen lamps with electronic transformers cannot be regulated by the LRD 8000 (refer to the LRD 8010 light regulator).
- The unit is suited for loads between 30VA and 1000 VA.
- The standard 1 to 10 volt DC control interface has a linear "control voltage - to - light output" curve.
- Double insulation between mains and control voltage.
- The screw type connector blocks are suitable for solid and stranded wires with cross-sections between 1.5 and 2.5 mm<sup>2</sup>.
- The unit has a built-in potentiometer for the installer to adjust the minimum light output level between 1% and 10% of maximum light output level.
- It is protected against a short-circuit at the output terminals by a (replaceable) fuse which is accessible from the top of the housing. A self-recoverable thermal overload protection is included within the unit
- A visible, green "power on" LED indicates the power status of the unit.

- The unit's "circuit-breaker" type housing is intended for 35mm DIN rail and must be mounted horizontally on a back panel in mains installation cabinets or similar. The housing material is ASA (grey) and has a flammability rating of V0.
- A capacitive load is not allowed.

## Applications

- The LRD 8000 light regulator is used for regulating incandescent lamps, high-voltage halogen lamps and low-voltage halogen lamps with suitable conventional transformers.

Note: In case of low voltage halogen lamps the max. load of 1000 VA corresponds to the total systems load, so including losses in the transformers. For reliable operation the total lampload should be restricted to approx. 800 VA max.

*Let's make things better.*

# LRD 8000 - Light regulator for GLS and conventional LV halogen transformers

## Related equipment

- Manual potentiometer LPS 100
- Lighting control equipment HELIO, TRIOS, SCENIO

## Technical data

- Environmental conditions
  - Operating conditions
    - Temperature 5°C to 40°C
    - Relative humidity 15% to 90%, no condensation
  - Storage conditions
    - Temperature -20°C to 70°C
    - Relative humidity 5% to 95%
- Mains supply 230V/50Hz, <10 watt (excl. load)
- Output 230V, max. 1000VA
- Minimum load 30VA
- Type of load incandescent or high-voltage halogen lamps, low-voltage halogen lamps with suitable conventional transformers. Capacitive loads not allowed.
- Type of fuse T5H 250V
- Control input 1 to 10 volts DC, 0,5 mA max. (sourcing)

## Packing data

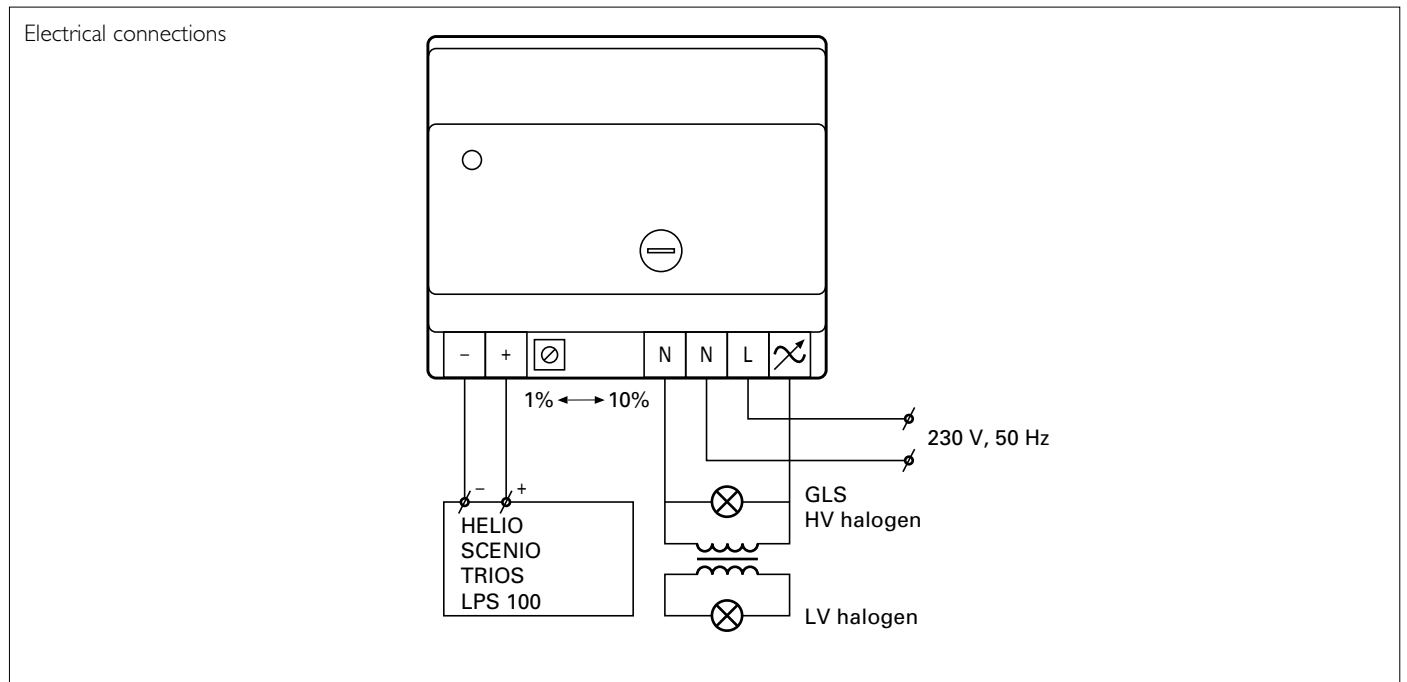
Type	Box dimensions mm	Material	Qty	Weight (kg)		Volume dm <sup>3</sup>
				net	gross	
Unit box	110 x 95 x 68	cardboard	1	0.415	0.475	0.71
Outer box	287 x 230 x 140	cardboard	12	4.980	5.980	9.24

## Ordering data

Type	MOQ	Ordering number	EAN code level 1	EAN code level 3
LRD 8000/00	1	9137 003 02078	87 11559 515717	87 11559 515724

# LRD 8000 - Light regulator for GLS and conventional LV halogen transformers

## Miscellaneous



## Related documentation

- Installation instructions LRD 8000
- Helio System Handbook
- Trios System Handbook
- Scenio System Handbook

(English)  
(English)  
(English)  
(English)

3222 609 25341  
9137 010 00003  
9137 010 00503  
9137 010 00403

# LRD 8000 - Light regulator for GLS and conventional LV halogen transformers

3222 636 30020  
2/98  
Printed in the Netherlands  
Data subject to change



# PHILIPS