

# CERTIFICATE

Issued to:  
Applicant:  
**TCI Telecomunicazioni Italia Srl**  
Via Parma 14  
21047 Saronno (VA), Italy

Licensee:  
**HEP GmbH**  
Ramsloh 10  
58579 Schalksmühle, Germany

Product : Voltage controlled LED Driver  
Trade name(s) : TCI  
Type(s)/model(s) : DC 100W 24V SLIM, DC 100W 24V SLIM R, DC 150W 24V SLIM,  
DC 150W 24V SLIM R, DC 30W 24V SLIM, DC 30W 24V SLIM R,  
DC 60W 24V SLIM and DC 60W 24V SLIM R

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2013493

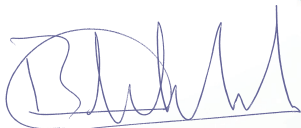
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 22 November 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-116486

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K. Lin  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Voltage controlled LED Driver
Trade name(s)	: TCI
Type(s)/model(s)	: DC 100W 24V SLIM, DC 100W 24V SLIM R, DC 150W 24V SLIM, DC 150W 24V SLIM R, DC 30W 24V SLIM, DC 30W 24V SLIM R, DC 60W 24V SLIM and DC 60W 24V SLIM R
Rated input voltage	: 220-240 V
Nature of supply	: ac
Rated frequency	: 50-60 Hz
Temperature range (ta)	: -20...+50°C
Supply connection	: screwless terminals
Rated output voltage	: 24 Vdc

**Product data – type DC 100W 24V SLIM**

Rated output current	: 0-4,16 A
Rated output power	: 0-100 W
Max. case temperature (tc)	: 80 °C
Power factor	: 0,95

**Product data – type DC 100W 24V SLIM R**

Rated output current	: 0-4,16 A
Rated output power	: 0-100 W
Max. case temperature (tc)	: 80 °C
Power factor	: 0,95

**Product data – type DC 150W 24V SLIM**

Rated output current	: 0-6,25 A
Rated output power	: 0-150 W
Max. case temperature (tc)	: 75 °C
Power factor	: 0,98

**Product data – type DC 150W 24V SLIM R**

Rated output current	: 0-6,25 A
Rated output power	: 0-150 W
Max. case temperature (tc)	: 75 °C
Power factor	: 0,98

**Product data – type DC 30W 24V SLIM**

Rated output current	: 0-1,25 A
Rated output power	: 0-30 W
Max. case temperature (tc)	: 75 °C
Power factor	: 0,9 C

**Product data – type DC 30W 24V SLIM R**

Rated output current	: 0-1,25 A
Rated output power	: 0-30 W
Max. case temperature (tc)	: 75 °C
Power factor	: 0,9 C



**Product data – type DC 60W 24V SLIM**

Rated output current	: 0-2,5 A
Rated output power	: 0-60 W
Max. case temperature (tc)	: 80 °C
Power factor	: 0,95

**Product data – type DC 60W 24V SLIM R**

Rated output current	: 0-2,5 A
Rated output power	: 0-60 W
Max. case temperature (tc)	: 80 °C
Power factor	: 0,95

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN 62384:2006  
EN 62384:2006/A1:2009

**Test result**

The test results are laid down in DEKRA test file 341684600.

**Additional information**

The LED controlgear is a built-in SELV controlgear for LEDs with constant output voltage. The LED controlgear can be used inside of luminaires. The insulation between primary and secondary is SELV. The insulation between 1-10 V and primary circuit is double insulated and to the secondary circuit is noninsulation.

The controlgear has screwless terminals.

Built-in type, max. enclosure temperature under abnormal or fault conditions 110°C

Type designation with ...SLIM R = dimmable LED Driver with control input 1–10 Vdc

The list of components is laid down in test report 3416846.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

The factory locations are registered with the numbers 298049 and 301055.