

# CERTIFICATE

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

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

Product : Electronic Controlgear for LED Modules  
Trade name(s) : TCI  
Type(s)/model(s) : SIRIO SQ 165W/200-1000 AD

The product and any acceptable variation thereto as 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 EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2033015

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 and under the conditions of the ENEC certification agreement.

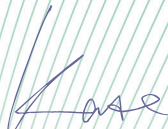
This certificate is issued on 30 July 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-129889

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

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ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



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

Product	: Electronic Controlgear for LED Modules
Trade name(s)	: TCI
Type(s)/model(s)	: SIRIO SQ 165W/200-1000 AD
Rated voltage	: 220-240 Vac or 186-250 Vdc
Rated frequency	: 50/60 Hz at AC
Power factor	: 0,95
Rated input current	: 0,76-0,83 Aac or 0,6Adc max.
Rated input power	: 183 W
Rated output voltage	: 80-300 Vdc
Max working voltage (Uout)	: 340 Vdc
Rated output current	: 0,2-1,05 A
Output power	: 165 W
Max case temperature (tc)	: 90 °C
Ambient temperature (ta)	: -40...+55 °C
Temperature declared thermally protection	: 120 °C
Description	: Built-in with double/reinforced insulation

**TESTS****Test requirements**

EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN 61347-1:2015  
EN 61347-1:2015/A1:2021  
EN IEC 62384:2020

**Test result**

The test results are laid down in DEKRA test file 616507100.

**Additional information**

constant current type with screwless terminal block  
LED driver is completely potted with asphalt  
EQUI is function earth  
Double/reinforced insulation between input and output (LED+NTC), input and DALI/24V  
DALI/ 24 V is SELV circuit  
Basic insulation between output (LED+NTC) and DALI/24V  
Suitable for emergency lighting excluding high risk task areas

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the ENEC certification system under supervision of DEKRA (CTF Stage 3)

The list of components is laid down in test report 6165071.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

The factory location is registered with the number 674666.