

# CERTIFICATE

## ELECTROMAGNETIC COMPATIBILITY

Applicant : **TCI Telecomunicazioni Italia S.r.l.**  
 Contact person : **Mr. Valter Bonanomi**  
 Address : **Via Parma 14**  
 Postal code, Place : **21047, Saronno (VA)**  
 Country : **Italy**

Manufacturer : **TCI Telecomunicazioni Italia S.r.l.**  
 Address : **Via Parma 14**  
 Postal code, Place : **21047, Saronno (VA)**  
 Country : **Italy**

Electrical apparatus : **Driver for LED modules**  
 Trademark : **TCI or TN101**  
 Type designation : **See annex**

Environment : **Residential, commercial and light industrial**

**EN 55015:2006** Emission for lighting equipment  
**+A1:2007, A2:2009**

**EN 61000-3-2:2006** Harmonic current emissions  
**+A1:2009+A2:2009**

**EN 61000-3-3:2008** Limitation of voltage fluctuations

**EN 61547:2009** Equipment for general lighting purposes – EMC immunity requirements from which:

**EN 61000-4-2:2009** Electrostatic discharge (ESD) immunity

**EN 61000-4-3:2006** Radiated Electro-Magnetic field immunity

**A1:2008+A2:2010**

**EN 61000-4-4:2004** Electrical fast transient (EFT) immunity  
**+A1:2010**

**EN 61000-4-5:2006** Surge transient immunity

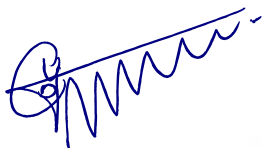
**EN 61000-4-6:2009** Conducted Radio-Frequency disturbances immunity

**EN 61000-4-8:2010** Power frequency magnetic field immunity

**EN 61000-4-11:2004** Immunity to voltage dips and short interrupts

The undersigned declares that the described products meet the essential requirements of the **EMC Directive 2004/108/EC**, based on a non-recurrent examination. The results are recorded in our test report with reference 3502732.51-EMC

DEKRA Certification B.V.  
 (Notified Body EMC)  
 Arnhem, 23 May 2012



ing A.T. van der Meijden  
 Certification Manager EMC

Certificate nr. **2138559.0552-EMC**

Integral publication of this certificate and associated reports may be used in its original form only.

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

DEKRA Certification B.V. Utrechtseweg 310, 6812 AR Arnhem PO Box 5185, 6802 ED Arnhem, The Netherlands  
 T +31 26 356 2000 F +31 26 352 5800 www.dekra-certification.com Chamber of Commerce nr. 09085396



# ANNEX

Annex to certificate **2138559.0552-EMC**, concerning the following types:

Model	TN101 code
DC 150W 24V ST2	K2023
DC 150W 24V VST	K2024
DC 150W 24V VST II	K2231
DC 150W 24V VST BI	K2025
DC 150W 24V VST OF	K2089
DC 70W 48V ST2	K2113
DC 70W 48V VST	K2112
DC 70W 48V VST II	K2232
DC 70W 48V VST BI	K2111
DC 70W 48V VST OF	K2114
DC 70W 24V ST2	K2109
DC 70W 24V VST	K2108
DC 70W 24V VST II	K2233
DC 70W 24V VST BI	K2107
DC 70W 24V VST OF	K2110
DC 70W 12V ST2	K2026
DC 70W 12V VST	K2021
DC 70W 12V VST II	K2234
DC 70W 12V VST BI	K2022
DC 70W 12V VST OF	K2106
DC 50W 48V ST2	K2104
DC 50W 48V VST	K2103
DC 50W 48V VST II	K2235
DC 50W 48V VST BI	K2102
DC 50W 48V VST OF	K2105
DC 50W 24V ST2	K2100
DC 50W 24V VST	K2099
DC 50W 24V VST II	K2236
DC 50W 24V VST BI	K2098
DC 50W 24V VST OF	K2101
DC 50W 12V ST2	K2096
DC 50W 12V VST	K2095
DC 50W 12V VST II	K2237
DC 50W 12V VST BI	K2094
DC 50W 12V VST OF	K2097

End of annex

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