

# CERTIFICATE

Issued to:  
Applicant:  
**TCI Telecomunicazioni Italia S.r.l.**  
**Via Parma, 14**  
**21047 Saronno (VA), Italy**

Licensee:  
**TCI Telecomunicazioni Italia S.r.l.**  
**Via Parma, 14**  
**21047 Saronno (VA), Italy**

Product : Electronic controlgear for LED modules  
Trade name(s) : TCI, TCI (with little dragon), TCI LED, TCI LED (with little dragon),  
TCI LIGHT (with little dragon and ball in square), TCI LIGHT Saronno Italy or  
TN101  
Type(s)/model(s) : MILANOinTRACK (series)

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

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

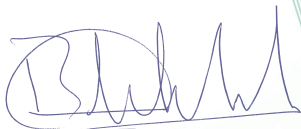
DEKRA hereby grants the right to use the ENEC certification mark.

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 9 April 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-125326 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

Product	: Electronic controlgear for LED modules
Trade name(s)	: TCI, TCI (with little dragon), TCI LED, TCI LED (with little dragon), TCI LIGHT (with little dragon and ball in square), TCI LIGHT Saronno Italy or TN101
Type(s)/model(s)	: MILANOinTRACK (series)
Primary voltage	: 220-240 V a.c.
Rated frequency	: 50-60 Hz
Primary current	: From 0,06 to 0,22 A
Secondary current	: From 0,09 to 1,05 A
Secondary power	: From 3,8 to 44,1 W
Working voltage U-OUT	: 59 V
Classification	: Built in with track adaptor
Type of load	: LED modules, power LED

**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 350964600.

**Additional information**

DEKRA test report No. 3500336.702 and 3500336.703 are laid down in DEKRA test file 350964600; they contain test results.

For specific Model/Type electrical rating refer to following pages.

This certificate replaces certificate No. 81-125326 which we hereby declare invalid.

The list of components is laid down in test report 3500336.702.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

TCI Telecomunicazioni Italia S.r.l.  
Via Parma, 14  
21047 Saronno (VA), Italy

<b>General product information:</b>									
The devices are intended to supply high power Light Emitting Diodes or LED modules from mains at 220-240 V 50-60 Hz. The stabilized output of DALI models depends on the DALI programming and is dimmable through the DALI signal; CASAMBI models are dimmable by CASAMBI wireless network. PRI current is proportional to the output power by the setting of DIP switch or current programming.									
Type/s	Ac PRI Current [A]	Power Factor	Output Power (W)	Output Current (A)	Uout d.c. (V)	ta (°C)	tc (°C)	Use [4]	
MILANOinTRACK 10/90-240	0,06	0,93 C (Po>8 W)	3,8-10,1	0,09-0,24	59	-20...35	50	110, Fmax, DI	
MILANOinTRACK 15/250-350	0,08	0,95 (Po>10 W)	10,5-14,7	0,25-0,35	59	-20...35	50	110, Fmax, DI	
MILANOinTRACK 20/250-500	0,11	0,9 C-0,95 [1]	10-20	0,25-0,5	59	0...35	75	110, Fmax, DI	
MILANOinTRACK 21/350-500	0,11	0,95 (Po>18 W)	14,7-21	0,35-0,5	59	-20...35	60	110, Fmax, DI	
MILANOinTRACK 30/550-750	0,16	0,9 C-0,95	22-30	0,55-0,75	59	0...35	80	110, Fmax, DI	
MILANOinTRACK 31/550-750	0,17	0,95 (Po>22 W)	23,1-31,5	0,55-0,75	59	-20...35	70	110, Fmax, DI	
MILANOinTRACK 31/200-700	0,17	0,9 C-0,95 [2]	8,8-31	0,2-0,7	59	0...35	80	110, Fmax, DI	
MILANOinTRACK 31/325-700 BLL, MILANOinTRACK 31/325-700 BLL PIR, MILANOinTRACK 31/325-700 DALI, MILANOinTRACK 31/325-700 CASAMBI			14-31						0,325-0,7
MILANOinTRACK 40/675-1050, MILANOinTRACK 40/675-1050 DALI	0,22	0,9 C-0,95 [3]	28-40	0,675-1,05	59	0...35	85	110, Fmax, DI	
MILANOinTRACK 40/300-1050, MILANOinTRACK 40/300-1050 DALI			12,6-40						0,3-1,05
MILANOinTRACK 40/300-1050 CASAMBI			11-40						0,3-1,05
MILANOinTRACK 40/850-1050			34-40						0,85-1,05
MILANOinTRACK 41/800-1050	0,22	0,95 (Po>28 W)	33,6-44,1	0,8-1,05	59	-20...35	75	110, Fmax, DI	

Notes: [1] Minimum load 10 W; [2] Minimum load 8,8 W; [3] Minimum load 17,3 W for MILANOinTRACK 40/850-1050 and 13,7 W for other MILANOinTRACK 40 models. [4] 110=triangle with the maximum temperature of enclosure, thermal protection (C.5.a); Fmax=50 N for track system; DI=built-in with double insulation (safety transformer with short circuit protection) and SELV output.

Connection	Connection to supply (PRI) L, N	Connection to control (DALI) JP1	Connection to load (SEC) J2, JP2, JP40, JP50
MILANOinTRACK 31/325-700 DALI, MILANOinTRACK 40/675-1050 DALI, MILANOinTRACK 40/300-1050 DALI	Track adaptor	Track adaptor	Screw-less terminal 0,2-0,5 mm <sup>2</sup>
MILANOinTRACK 40/675-1050, MILANOinTRACK 31/325-700 BLL, MILANOinTRACK 31/325-700 BLL PIR, MILANOinTRACK 31/325-700 CASAMBI; MILANOinTRACK 40/300-1050 CASAMBI, MILANOinTRACK 10/90-240, MILANOinTRACK 15/250-350, MILANOinTRACK 21/350-500, MILANOinTRACK 31/550-750, MILANOinTRACK 41/800-1050, MILANOinTRACK 40/300-1050	Track adaptor	N/A	Screw-less terminal 0,2-0,5 mm <sup>2</sup>
MILANOinTRACK 31/200-700	Track adaptor	N/A	Screw-less terminal 0,2-0,75 mm <sup>2</sup> smd
MILANOinTRACK 20/250-500, MILANOinTRACK 30/550-750, MILANOinTRACK 40/850-1050	Track adaptor	N/A	Screw-less terminal 0,2-1,5 mm <sup>2</sup>

<b>Additional information</b>	
Use	Built-in for track systems; up to 2000 m above sea level.
Features	for LED; stabilized output current (CC); multiple value load; short-circuit proof type; impulse withstand category II; Pollution degree 2; Material group IIIa; the material of enclosure was tested with favourable result for Glow-wire at temperature 750-960 °C; the device is inseparable and it can be class II in accordance with the provisions of section two of IEC 60598-1 provided the track system contains no earthing facilities. Total circuit power: 11,6 W for MILANOinTRACK 10/90-240, 16,6 W for MILANOinTRACK 15/250-350; 22,8 W for MILANOinTRACK 20/250-500; 23 W for MILANOinTRACK 21/350-500; 33,8 W for MILANOinTRACK 30/550-750; 35W for MILANOinTRACK 31/200-700, MILANOinTRACK BLL models, MILANOinTRACK 31/325-700 CASAMBI, MILANOinTRACK 31/325-700 DALI, MILANOinTRACK 31/550-750; 45 W for MILANOinTRACK 40/850-1050, MILANOinTRACK 40/675-1050 DALI, MILANOinTRACK 40/300-1050 CASAMBI, MILANOinTRACK 40/300-1050, MILANOinTRACK 40/300-1050 DALI; 46 W for MILANOinTRACK 40/675-1050; 49 W for MILANOinTRACK 41/800-1050.
INSULATION (B= basic, S= supplementary, R= double or reinforced)	
PRI ↔ DALI, PRI ↔ SEC, active parts ↔ external surfaces of enclosure	R
DALI ↔ SEC	S
<p>The conformity with the standards EN 60570:2003, A1: 2018 used in conjunction with EN 60598-1:2015, A1:2018 is valid if the adaptor is installed in the following lighting track systems:</p> <ul style="list-style-type: none"> <li>- Global Trac PRO or Global Trac PULSE with Nordic Aluminium brand for MILANOinTRACK 10/90-240, MILANOinTRACK 15/250-350, MILANOinTRACK 21/350-500, MILANOinTRACK 31/550-750, MILANOinTRACK 40/800-1050, MILANOinTRACK 20/250-500, MILANOinTRACK 30/550-750, MILANOinTRACK 40/850-1050.</li> <li>- system 9000 series with A.A.G. STUCCHI or ONETRACK brand for other models.</li> </ul> <p>Assessment to normally flammable surface according to EN 60598-1:2015/A1:2018 has been performed.          Assessment to EN 62493:2015 has been performed when all models are built into the lighting system.          Assessment to EN 62442-3:2018 has been performed.</p>	