

CERTIFICATE OF COMPLIANCE

Certificate Number 20170522-E477306
Report Reference E477306-20151026
Issue Date 2017-MAY-22

Issued to: TCI TELECOMUNICAZIONI ITALIA SRL
VIA PARMA 14, 21047 SARONNO VA ITALY

This is to certify that representative samples of COMPONENT - LIGHT-EMITTING-DIODE ARRAYS,
MODULES AND CONTROLLERS
See Addendum Page for Models

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: CSA C22.2 NO. 250 13-14, Light emitting diode (LED)equipment for lighting applications
UL 8750, Light Emitting Diode Light Sources for use in Lighting

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170522-E477306
Report Reference E477306-20151026
Issue Date 2017-MAY-22

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Component, Class 2 LED Array

Product Key/Differences between models:

aMxxx/yyzzz nnnnnn/iccss

Where:

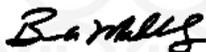
- a= indicates the shape: L (linear); S (square); F (finger); R (round).
- M= fixed character
- xxx=1st dimension, module length or diameter(20-585 mm). According to the dimensions they can be two or three integer digits
- /yy=2nd dimension (if present), module width (20-55 mm). Two integer digits.
- e= variable `e` alphanumeric character(s) that does not affect safety.
- zz= LED number, (1-72). According to the number of LEDs they can be one, two or three integer digits

The commercial code nnnnnn (e.g. 128038) can be followed by:

i=color rendering index, CRI/10 (e.g. 8)

cc=correlated color temperature, CCT/100

ss= LED type: May be missing, R for LED Samsung LM561B (max. forward current IF=180 mA) or S for LED Samsung LM561B Plus(max. forward current IF=180 mA) or T for Samsung LM561C(max. forward current IF=180 mA), E for LED Samsung LM281B (max. forward current IF=150 mA), or L for LED Lumileds Luxeon 2835C (max. forward current IF=240 mA).



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

