

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

## CB TEST CERTIFICATE

Product	Luminaire for road and street lighting
Name and address of the applicant	NERI SPA SS EMILIA 1622 LONGIANO, 47020 FC Italy
Name and address of the manufacturer	NERI SPA SS EMILIA 1622 LONGIANO, 47020 FC Italy
Name and address of the factory	NERI SPA Via Delle Querce 4 Longiano, 47020 Fc Italy
Note: <i>When more than one factory, please report on page 2</i>	<input type="checkbox"/> <a href="#">Additional Information on page 2</a>
Ratings and principal characteristics	220-240 V ~ 50/60 Hz 99 W Class II IP66 IK09 ta 50°C See Page 2
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	MNMILL203G702 See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications <input checked="" type="checkbox"/> <a href="#">Additional Information on page 3</a>
A sample of the product was tested and found to be in conformity with	IEC 60598-1:2014/ AMD1:2017, IEC 60598-1:2014, IEC 60598-2-3:2002/AMD1:2011, IEC 60598-2-3:2002
As shown in the Test Report Ref. No. which forms part of this Certificate	4788712719-1 issued on 2019-08-09

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2019-08-19  
Original Issue Date: 2018-12-11

Signature:

Jan-Erik Storgaard

Model Details:

Variants:

The main model extends also the models series Light Milos identified with the following speaking code: aNMILLxyzzwwmmm - 220-240 V~ 50 Hz Class II IP66 ta 50 °C (IK09)

Where:

- .....a ..... : Identifies the pole mounting means, may be “M” for Ø 72 mm, “O” for Ø 60 mm
- .....NMILL..... : Fixed value which identifies the Light Milos series.
- .....xx ..... : Identifies the photometric distribution of the luminaire (\*).
- .....y ..... : Identifies the CCT of the LEDs installed:
  - 1 : 3000 K
  - 2 : 2700 K
  - 3 : 4000 K
  - 5 : 2200 K
- .....zz ..... : Identifies the flux size of the luminaire and it may assume the following values: G0: 2500 lm, G1: 3500 lm, G2: 4500 lm, G3: 6000 lm, G4: 7500 lm, G5: 9000 lm, G6: 10500 lm, G7: 12000 lm

Following combination of LED module and LED driver are used to obtain flux size

zz	Max ratings	LED Driver	LED Module (#)
G0, G1	41W system power max LED current 800mA	40W	H0138 (XP-G3)
G2	43W system power max LED current 550mA	40W	H0128 (XP-G3)
G3, G4, G5	75W system power max LED current 1000mA	75W	H0128 (XP-G3)
G5, G6, G7	99W system power max LED current 1000mA	150W	H0129 (XP-G3)

- .....ww ..... : For commercial use, in order to describe how LED driver options are configured (lumen maintenance or lumen reduction during night etc.) (\*).
- .....mmm .. : Additional suffix may be included to specify features, like luminaire colour (\*)

(\*) = those data are not relevant for the safety of the products.

(#) = the current could be different depending on, for example, LED bins or CCT. In any case the following absolute maximum ratings could not be exceeded:

.....LED chip XP-G3 – LED current 1000mA, LED number 32; LED bin S4164lm;

Note: the power values stated in the relevant rows above (for the speaking code “zz”) are the maximum values; for this reason, the power values marked on the products labels may be lower.

The complete tests carried out on the model MNMILL203G702 were also considered as representative of the series arising from the following speaking code: 6999.030.yxxmmm (commercial name Light Milos Basic) where:

- .....y.....: Identifies the combination between LED module and LED controlgear used, it may assume the following values:
  - A .....: LED module 32 LEDs with LED driver 75 W, rated up to max 75 W;
  - B .....: LED module 20 LEDs with LED driver 75 W, rated up to max 67 W;
  - C .....: LED module 12 LEDs with LED driver 40 W, rated up to max 34 W;
  - D .....: LED module 32 LEDs with LED driver 150 W, rated up to max 99 W;
  - E .....: LED module 20 LEDs with LED driver 40 W, rated up to max 43 W;
- .....xx .....: Identifies the photometric distribution of the luminaire and the LED’s CCT up to 4000K (\*).
- .....mmm ..: Additional optionally suffix, may be included to specify aesthetical features (\*).

(\*) those data are not relevant for the safety of the products.

**Additional information (if necessary)**



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## Additional Information:

Additionally evaluated to: EN 60598-2-3:2003/ A1:2011, EN 60598-1:2015/ A1:2018.  
National differences specified in the CB Test Report

The original report was modified to include the following changes/additions:

- Update of speaking code
- Update of electrical ratings
- Update of critical components list
- Update of LED disposition layout of models with 32, 24 and 16 LEDs as alternate construction
- Update of equipment list
- Addition of the luminaire evaluation according to Saudi Arabia requirements
- Addition of the luminaire evaluation according to AU/NZ requirements

## Additional information (if necessary)



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