



## STATEMENT OF COMPLIANCE

IEC TR 62778 Application of IEC 62471 for the assessment of  
blue light hazard to light sources and luminaires

**PROJECT No.:** 4788598740

**Applicant:** NERI S.P.A.  
SS Emilia, 1622 - Longiano (FC) 47020 - Italy

**Product:** Luminaries for road and street lighting with  
LEDs as light source.

**Manufacturer:** NERI S.P.A.  
SS Emilia, 1622 - Longiano (FC) 47020 - Italy

**Trademark:** **NERI**

**Model/Type:** G4144 - Light Matar

**Ratings:** 230 V ~ 50/60 Hz 152 W 3000 K.

**Test Standards:** EN 13032-4  
IEC TR 62778:2014

**UL Test Report No.:** 4788598740.4

**Lamp Classification  
Group:** RISK GROUP 1

**Dthr:** 2,4 m

The product complies with the technical report IEC TR 62778:2014 table C.2. This statement of compliance applies only to the particular sample of the product and its technical documentation provided for testing. It is the responsibility of the company shown above that the products are in compliance with the applicable requirements. The detailed test results are described in the test report mentioned above. This statement does not imply assessment of the production and does not permit the use of UL's logo.

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2019-05-30  
Date of issue

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*Walter Parmiani*  
Walter Parmiani  
Reviewer



**Luminous intensity evaluation:**

Full evaluation has been carried out on model G4144 - Light Matar equipped with LED model CREE XP-G2 HE 3000 K and optic NLG20 which was considered as the worst case due to maximum intensity delivered. Max luminous intensity is 8314 cd.

**Table C.2 – Illuminance values giving risk group not greater than RG1**

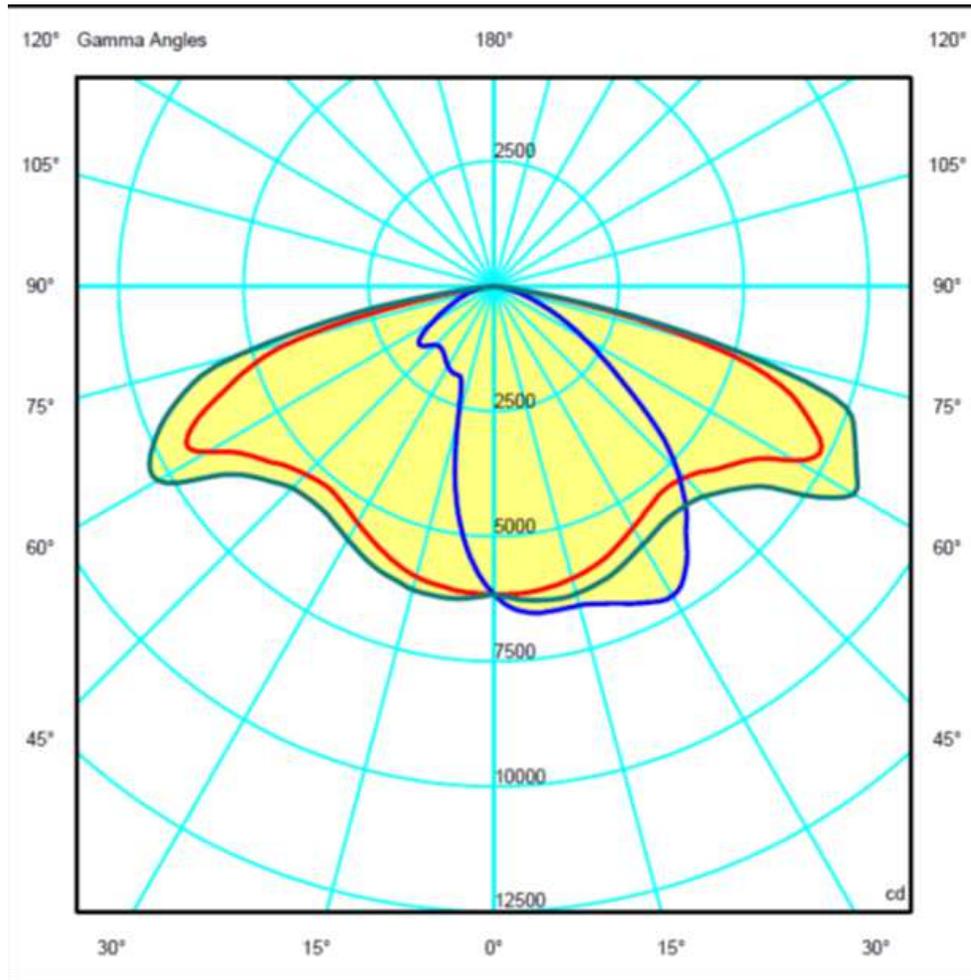
Rated CCT K	Illuminance <i>E</i> lx
$CCT \leq 2\ 350$	4 000
$2\ 350 < CCT \leq 2\ 850$	1 850
$2\ 850 < CCT \leq 3\ 250$	1 450
$3\ 250 < CCT \leq 3\ 750$	1 100
$3\ 750 < CCT \leq 4\ 500$	850
$4\ 500 < CCT \leq 5\ 750$	650
$5\ 750 < CCT \leq 8\ 000$	500

**Photometric test results:**

Total Luminous Flux: 18598 lm  
System Efficacy: 122,5 lm/W  
Peak Intensity: 8314 cd



Polar Plot:





Picture of the tested sample

