



STATEMENT OF COMPLIANCE

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

PROJECT No.: 4789818846.2

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: NEBULA S PR

Ratings: 230 V ~ 50/60 Hz 24 W 4000 K

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

UL Test Report No.: 4789818846.2-1

**Lamp Classification
Group:** RISK GROUP 1

Dthr: 2,39 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.

2021-04-20
Date of issue

Fausto Pedroni
Fausto Pedroni
Reviewer

**Luminous intensity evaluation:**

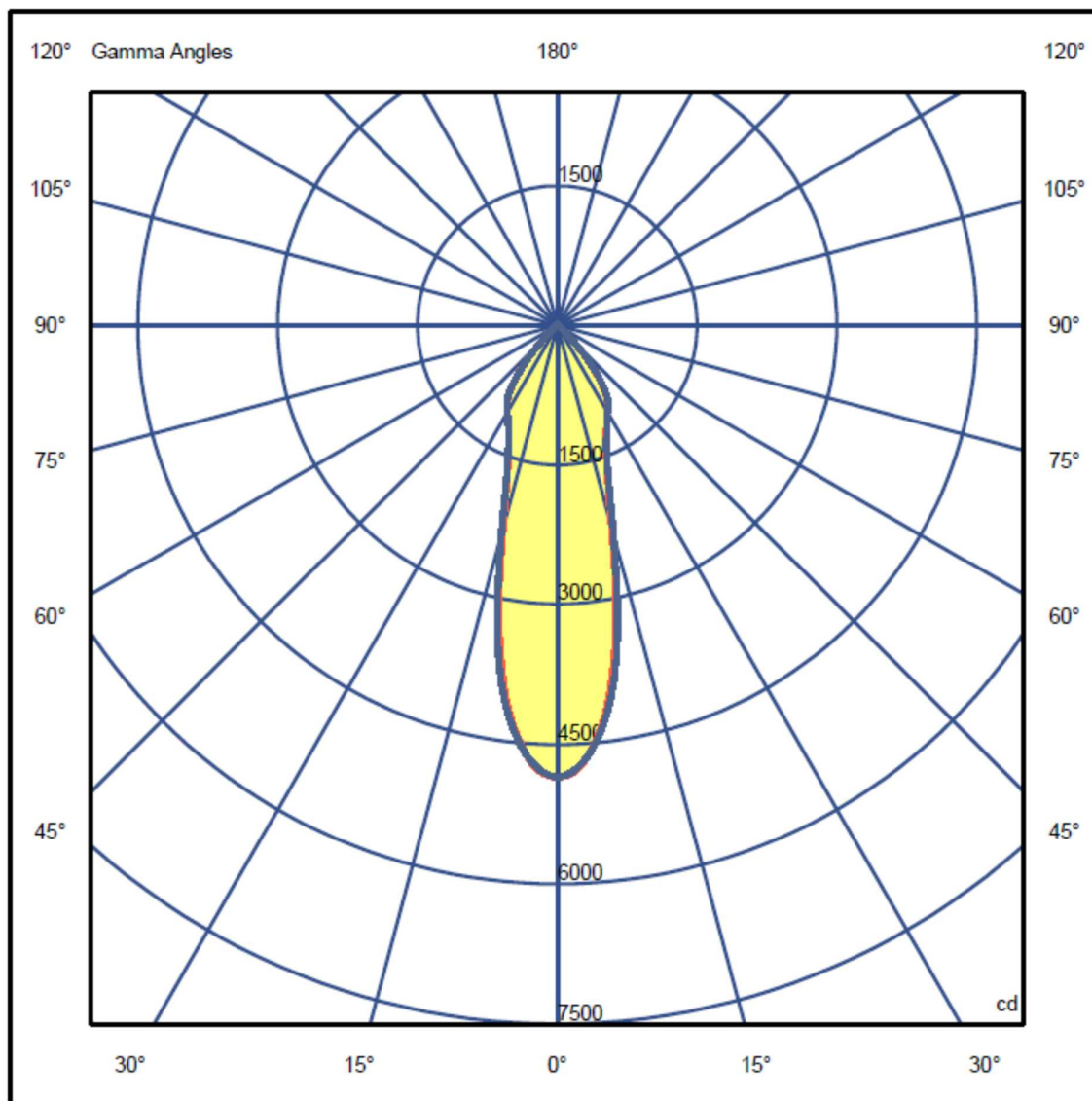
Full evaluation has been carried out on model NEBULA S PR equipped with LED model Luxeon COB 1211 (4000K CRI 80) with the Reflector NLG 12 that was considered as the worst case due to maximum intensity delivered. Max luminous intensity is 4849 cd.

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: 2500 lm
System Efficacy: 113,6 lm/W
Peak Intensity: 4849 cd

**Polar Plot:**



Picture of the tested sample

