STATEMENT OF COMPLIANCE

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

PROJECT No.:	4789173543.4
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:	Series **Brenta** / Model **W-S**
Ratings:	230 V ~ 50/60 Hz 13 W 4000 K.
Test Standards:	EN 13032-4 IEC TR 62778:2014
UL Test Report No.:	4789173543.4-2
Lamp Classification Group:	RISK GROUP 1
Dthr:	0,79 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.

2019-11-08
Date of issue

Walter Parmiani
Reviewer

UL INTERNATIONAL ITALIA S.r.l.
Via delle Industrie, 5 & 6 – 20061 Carugate (MI) – Italy
T:: +39 02 92526500 / F:: +39 02 92526501
web:: www.ul.com

Luminous intensity evaluation:

Full evaluation has been carried out on model Brenta W-S equipped with 2 LEDs model XHP 50.2 CRI80 Cree 4000 K and lenses STRADA SQ T3-DWC which was considered as the worst case due to maximum intensity delivered. Max luminous intensity is 533 cd.

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

Rated CCT K	**Illuminance *E*** lx
CCT ≤ 2 350	4 000
2 350 < CCT ≤ 2 850	1 850
2 850 < CCT ≤ 3 250	1 450
3 250 < CCT ≤ 3 750	1 100
3 750 < CCT ≤ 4 500	850
4 500 < CCT ≤ 5 750	650
5 750 < CCT ≤ 8 000	500

Photometric test results:

Total Luminous Flux: 1088 lm
System Efficacy: 85,7 lm/W
Peak Intensity: 533 cd

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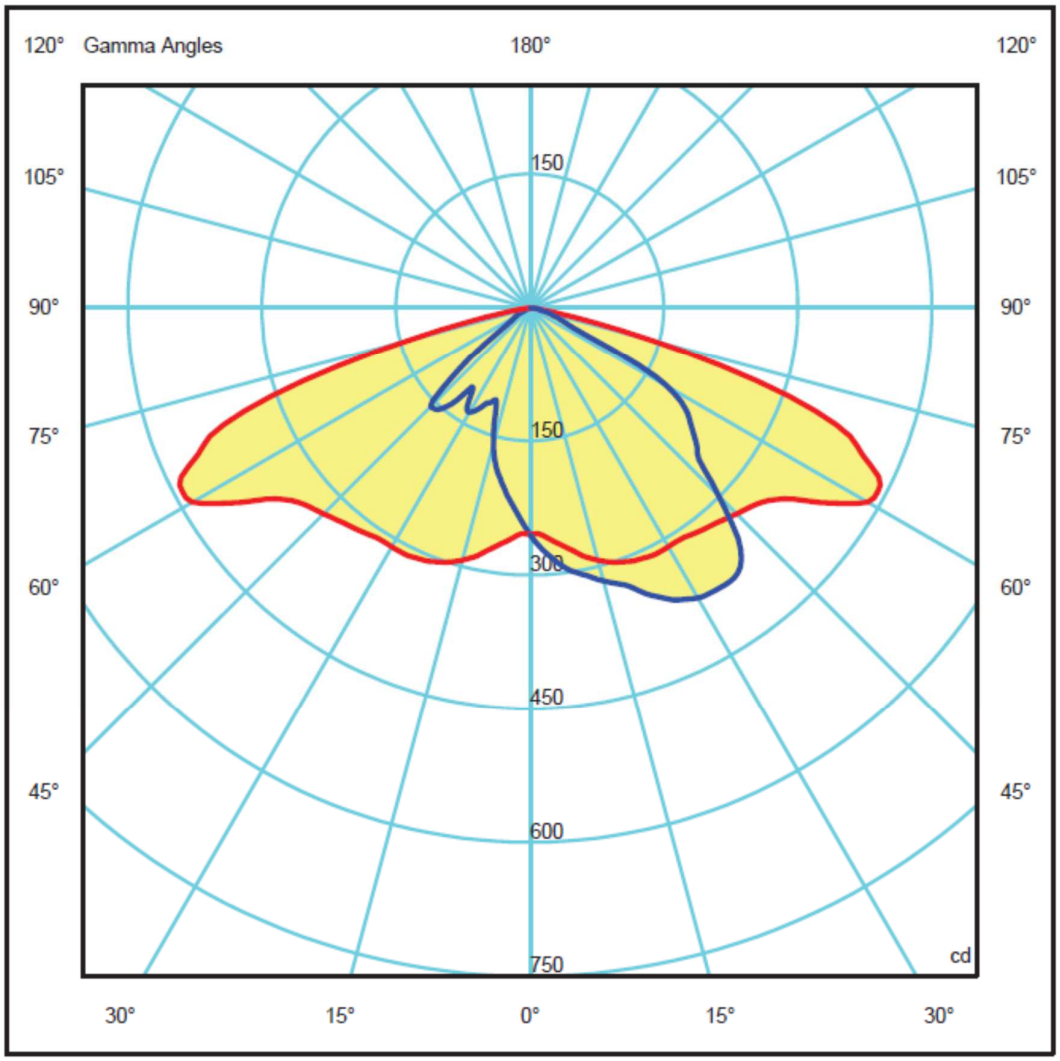
Polar Plot:



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Picture of the tested sample

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