



No. of the Test Report: 601205-01/03

Issued: 13. 6. 2016



TEST REPORT

Name of product: Fixed general purpose luminaires,
road and street lighting

Type of product: URBINO LED

Ratings: 220-240 V, 50/60 Hz, 28, 37, 55, 84, 110 W, IP 66,
class I

Serial number: -

Manufacturer: LUG Light Factory Sp. z o.o., ul. Gorzowska 11,
65-127 Zielona Góra, the Republic of Poland

Production site: LUG Light Factory Sp. z o.o., ul. Gorzowska 11,
65-127 Zielona Góra, Poland

Ordering firm: LUG Light Factory Sp. z o.o., ul. Gorzowska 11,
65-127 Zielona Góra, the Republic of Poland

Number of tested samples: 1

Samples submitted on: 8. 6. 2016

Location of testing: EZÚ

Tested from 9. 6. 2016 **through** 9. 6. 2016

Other data: Tested on: 1300222.5L111.031

The product was tested according to: ČSN EN 62471.09

Compiled by: Pavel Vodrážka



Approved by: Lukáš Burda
Testing laboratory
technical manager

Test results stated in the test report apply only to the tested subject and unless specified otherwise in the test report, the tests were performed using the method and under the conditions determined in the test regulations, technical norm, instructions for use and information provided by the manufacturer on the tested subject and using accessories required by the manufacturer. Without written consent, this report must not be reproduced in any other way than as a whole.

Measured values

Risk	Symbol	Measured value	Group
Blue light	L_B	$161 \text{ W}\cdot\text{m}^{-2}\cdot\text{sr}^{-1}$	exempt

Measured with supply voltage 230 V. Ambient temperature 25 °C. Measured at 500 lx distance.

Conclusion

Light source can be considered as low risk light source – Risk Group 1 (RG 1).

Emission limits for risk groups of continuous wave lamps						
Risk	Action spectrum	Symbol	Units	Emission Measurement		
				Exempt	Low risk	Mod risk
				Limit	Limit	Limit
Blue light	B(λ)	L_B	$\text{W}\cdot\text{m}^{-2}\cdot\text{sr}^{-1}$	100	10000	4000000

Measured by:  Lukáš Burda