



## 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( $\lambda$ )	$L_B$	$\text{W}\cdot\text{m}^{-2}\cdot\text{sr}^{-1}$	100	10000	4000000

Measured by:  Lukáš Burda