

# Spectrum Test Report

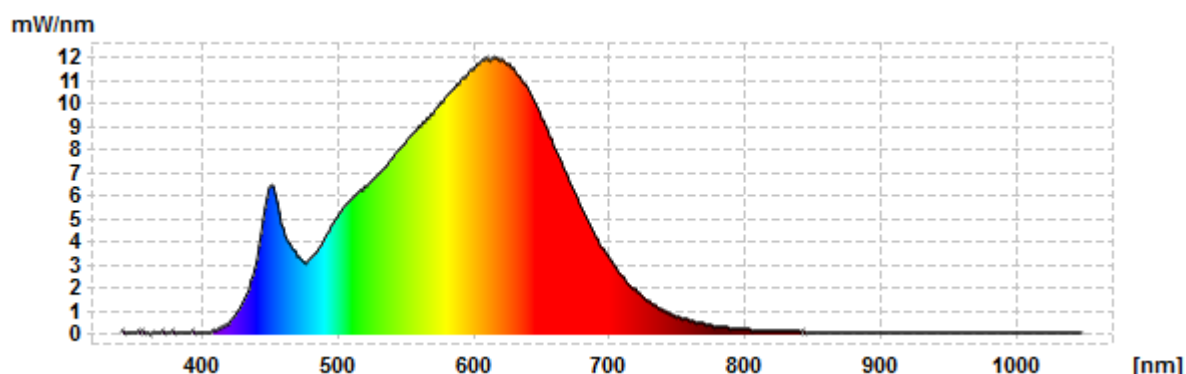


**DEKO-LIGHT**  
ELEKTRONIK VERTRIEBS GMBH

<b>Client name:</b>	Deko Light Elektronik Vertriebs GmbH	<b>Report time:</b>	2017-10-13
<b>Item No:</b>	348124	<b>Model name:</b>	Uni II

## Results

### Spectrum



CIE 1931 2° observer		CIE 1964 10° observer		Color Parameters	
x	0.4295	x	0.4353	CCT [k]	3126
y	0.4037	y	0.4012	Chromaticity Error	0.002
u'	0.2459	u'	0.2507	Color Peak	617.90
v'	0.5201	v'	0.5200	Color Peak Value	12.00
				Color Dominant	582.0
				Radiometric	2.0884
Rendering Indices		Ra	90.5		
R1	89.8	R8	77.7		
R2	94.8	R9	48.8	<b>Electrical Parameters</b>	
R3	98.3	R10	87.2	Luminous [lm]	625.15
R4	89.8	R11	89.7	Luminous Efficacy [lm/W]	52.9787
R5	89.6	R12	79.4	Power [W]	11,8
R6	93.4	R13	90.9	Current [A]	0
R7	90.9	R14	98.8	Voltage [V]	230



Deko-Light Elektronik Vertriebs GmbH

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## Measurement results of the main luminous parameters

Luminous flux	Input power	Luminous efficacy	LOR	DWFF	Luminous intensity (g=0)
675.9 lm	11.60 W	58.3 lm/W	100.0 %	100.0 %	1445 cd

Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	33.7	69.4	0.0
C90-270	34.3	69.6	-0.0

Energy class is calculated on the basis of the light distribution and luminous efficacy according to Annex VII of Regulation (EU) No 874/2012

Energy Efficiency Index EEI	Energy Efficiency Class
0.212	A

