

Spectrum Test Report

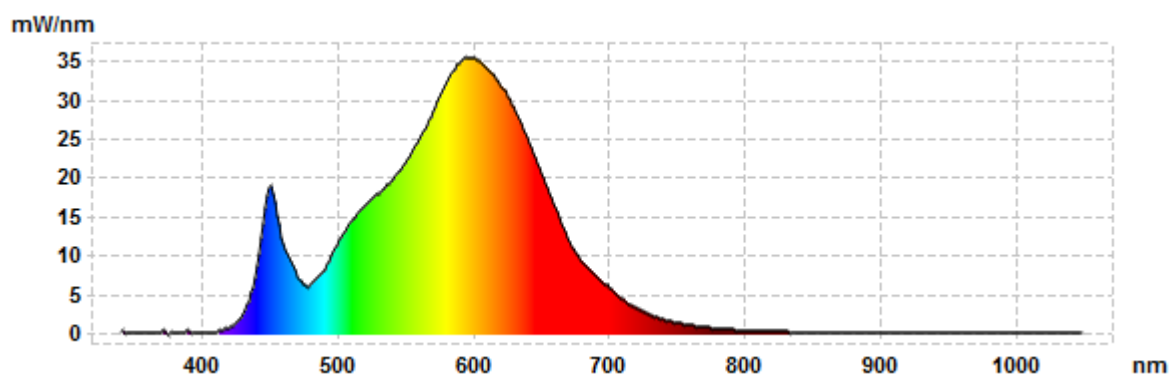


DEKO-LIGHT
ELEKTRONIK VERTRIEBS GMBH

Client name:	Deko Light Elektronik Vertriebs GmbH	Report time:	2018-09-26
Item No:	348103	Model name:	Sculptoris 45

Results

Spectrum



CIE 1931 2° observer		CIE 1964 10° observer		Color Parameters	
x	0.4395	x	0.4466	CCT [k]	2991
y	0.4083	y	0.4035	Chromaticity Error	0.003
u'	0.2504	u'	0.2571	Color Peak	599.32
v'	0.5234	v'	0.5226	Color Peak Value	35.51
				Color Dominant	582.4
				Radiometric	5.2611
Rendering Indices		Ra	80.9		
R1	78.5	R8	56.7		
R2	89.4	R9	1.2	Electrical Parameters	
R3	96.5	R10	76.3	Luminous [lm]	1738.68
R4	78.4	R11	77.2	Luminous Efficacy [lm/W]	66.1095
R5	78.7	R12	67.2	Power [W]	26,3
R6	86.9	R13	80.9	Current [A]	0
R7	82.4	R14	98.6	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)
1782.5 lm	26.60 W	67.0 lm/W	100.0 %	99.9 %	413 cd

Beam widths at two perpendicular planes

	Beam angle, FWHM, 50% (deg)	Beam angle, 10% (deg)	Effective beam direction from g=0
C0-180	153.8	174.8	0.0
C90-270	153.3	174.3	-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
0.203	A

