

Lightsource Test Report

Product Infomation

Product Category: LED-Leuchten	Product Type: LED-Leuchten-Downlight-Magic
Product Spec: LED-DEL-M-125-145-15S-WWM-WF-D	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 104233
Buyer: 2320	

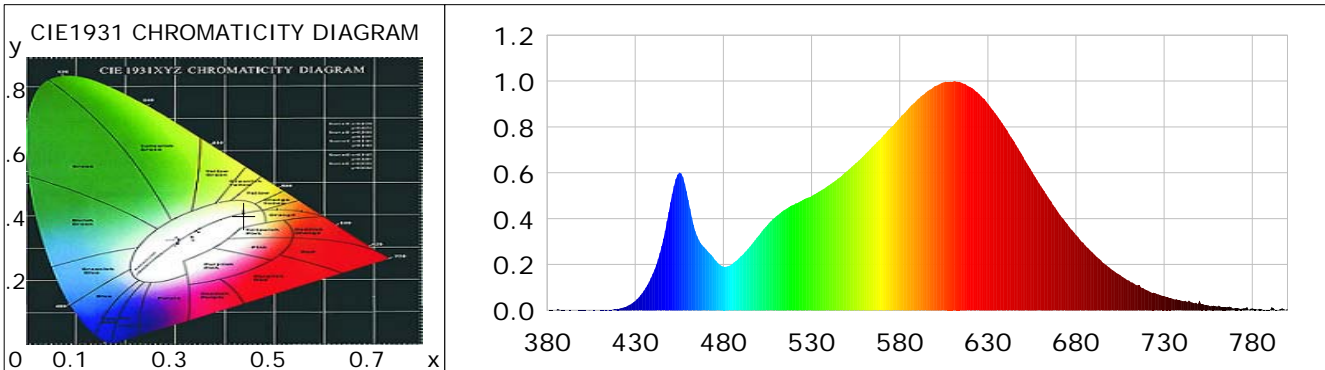
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4391$ $y=0.4019$ $u(u')=0.2529$ $v=0.3472$ $v'=0.5208$
 CCT: $T_c=2946K$ ($duv=-0.00116$) Color Ratio: $R=0.239$ $G=0.734$ $B=0.027$
 Peak Wavelength: 611.1nm Half Bandwidth: 133.2nm
 Dominant Wavelength: 583.5nm Color Purity: 0.524
 CRI: $R_a=86.1$ TM30: $R_f=86$, $R_g=96$
 GAI: $GAI_BB_8=97.8$, $GAI_BB_15=105.7$, $GAI_EES=54.7$

R1 =85	R2 =94	R3 =97	R4 =84	R5 =86	R6 =93	R7 =84	R8 =66
R9 =26	R10=85	R11=84	R12=74	R13=87	R14=99	R15=79	

Color Quality Scale: $Q_a=85.1$, $Q_f=86.6$, $Q_p=87.1$, $Q_g=93.2$

Q1 =82	Q2 =95	Q3 =85	Q4 =82	Q5 =85	Q6 =86	Q7 =86	Q8 =88
Q9 =96	Q10=91	Q11=88	Q12=86	Q13=85	Q14=78	Q15=79	



Photometric Parameters

Luminous Flux: 1512.1 lm	Efficiency: 101.55 lm/W	Radiant Power: 4.739 W
Total mains efficacy: 110.59 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 230.70V	Current: 0.0730A	Power: 14.89W
Power Factor: 0.8820	Frequency: 49.99Hz	

Test Infomation

Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms ALC.: 1.0000	Photometric Condition: Sphere diameter: 2.00m, 4PI
Max of Signal: 45620 (2949)	CCD Integration Time: 300.14 ms