

Lightsource Test Report

Product Information

Product Category: LED-Leuchten	Product Type: LED-Leuchten-Downlight-Magic
Product Spec: LED-DEL-M-Modul-110-12W-CWM	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 104246
Buyer: 2320	

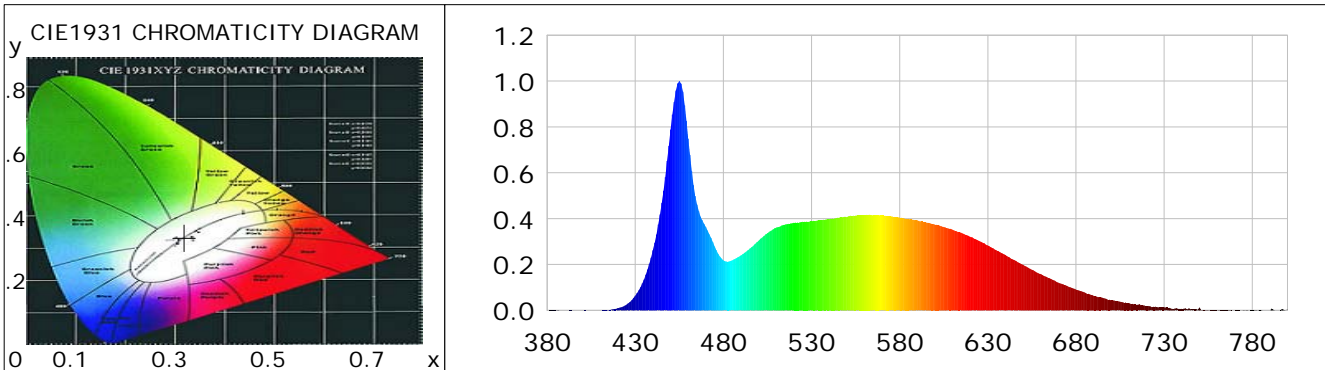
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3186$ $y=0.3336$ $u(u')=0.2002$ $v=0.3144$ $v'=0.4717$
 CCT: $T_c=6168K$ ($duv=0.00265$) Color Ratio: $R=0.144$ $G=0.798$ $B=0.058$
 Peak Wavelength: 455.0nm Half Bandwidth: 18.4nm
 Dominant Wavelength: 502.2nm Color Purity: 0.049
 CRI: $R_a=86.7$ TM30: $R_f=84$, $R_g=95$
 GAI: $GAI_BB_8=92.3$, $GAI_BB_15=98.1$, $GAI_EES=88.6$

R1 =86	R2 =92	R3 =94	R4 =85	R5 =85	R6 =87	R7 =89	R8 =75
R9 =29	R10=80	R11=85	R12=59	R13=88	R14=97	R15=83	

Color Quality Scale: $Q_a=84.1$, $Q_f=84.0$, $Q_p=84.2$, $Q_g=93.0$

Q1 =85	Q2 =99	Q3 =80	Q4 =74	Q5 =80	Q6 =83	Q7 =88	Q8 =91
Q9 =98	Q10=90	Q11=86	Q12=85	Q13=85	Q14=78	Q15=81	



Photometric Parameters

Luminous Flux: 1282.1 lm	Efficiency: 101.27 lm/W	Radiant Power: 4.164 W
Total mains efficacy: 110.28 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 230.90V	Current: 0.0610A	Power: 12.66W
Power Factor: 0.8850	Frequency: 49.99Hz	

Test Information

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: 45853 (2775)	CCD Integration Time: 163.35 ms