

Lightsource Test Report

Product Information

Product Category: LED-Leuchten	Product Type: LED-Leuchten-Downlight-Magic
Product Spec: LED-DEL-M-Modul-065-05W-WWM	Product Number: 2
Manufacturer: METOLIGHT	Submitted Unit: 103375
Buyer: 2320	

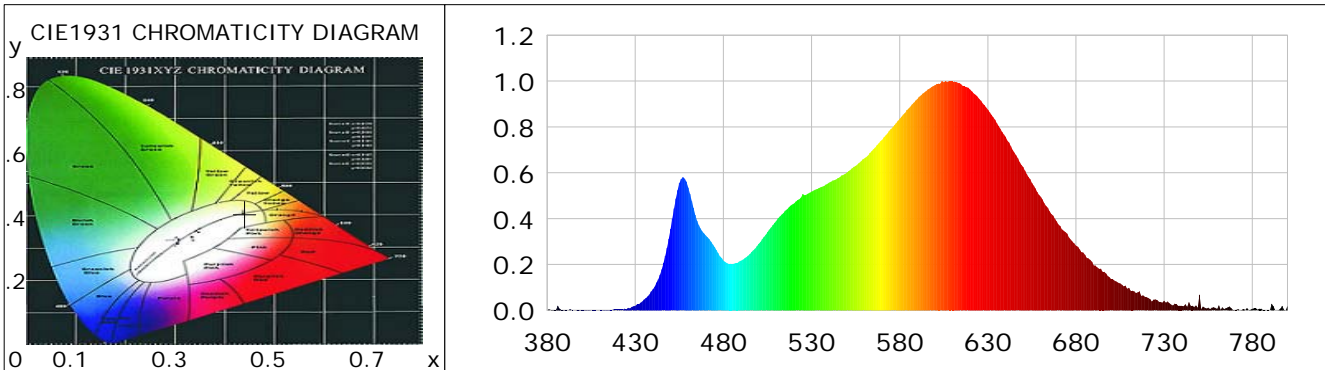
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4411$ $y=0.4075$ $u(u')=0.2518$ $v=0.3489$ $v'=0.5233$
 CCT: $T_c=2959K$ ($duv=0.00079$) Color Ratio: $R=0.236$ $G=0.737$ $B=0.027$
 Peak Wavelength: 606.1nm Half Bandwidth: 134.9nm
 Dominant Wavelength: 582.7nm Color Purity: 0.547
 CRI: $R_a=85.0$ TM30: $R_f=85$, $R_g=94$
 GAI: $GAI_BB_8=90.4$, $GAI_BB_15=100.3$, $GAI_EES=50.9$

R1 =84	R2 =93	R3 =97	R4 =83	R5 =84	R6 =92	R7 =83	R8 =63
R9 =18	R10=84	R11=83	R12=70	R13=87	R14=99	R15=77	

Color Quality Scale: $Q_a=84.5$, $Q_f=86.3$, $Q_p=84.7$, $Q_g=90.5$

Q1 =80	Q2 =94	Q3 =85	Q4 =80	Q5 =83	Q6 =84	Q7 =86	Q8 =89
Q9 =96	Q10=92	Q11=90	Q12=87	Q13=86	Q14=76	Q15=78	



Photometric Parameters

Luminous Flux: 437.16 lm	Efficiency: 94.22 lm/W	Radiant Power: 1.324 W
Total mains efficacy: 110.80 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 231.00V	Current: 0.0240A	Power: 4.64W
Power Factor: 0.8190	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: 42976 (3340)	CCD Integration Time: 1000.00 ms