

Lightsource Test Report

Product Information

Product Category: LED-Leuchten	Product Type: LED-Leuchten-Downlight-Magic
Product Spec: LED-DEL-M-Modul-065-05W-NWM	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 103374
Buyer: 2320	

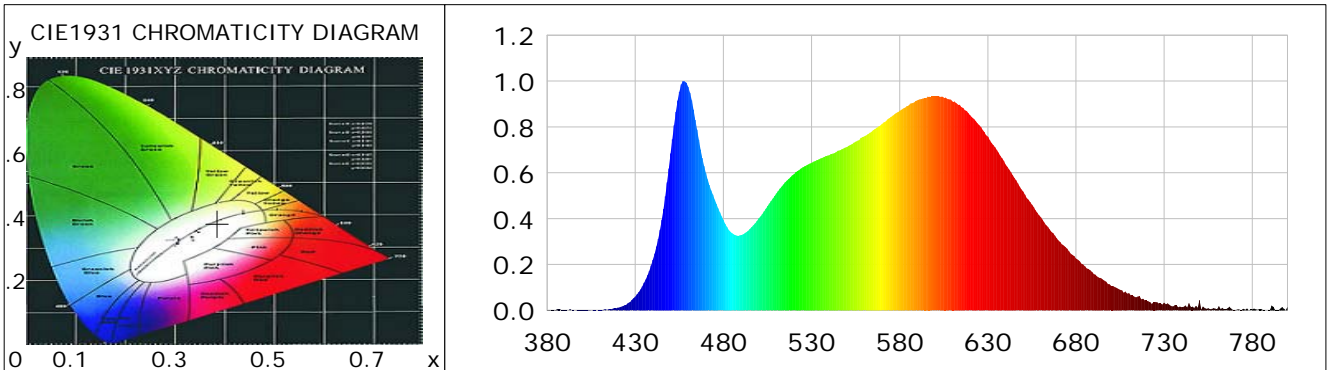
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3854$ $y=0.3778$ $u(u')=0.2280$ $v=0.3352$ $v'=0.5028$
 CCT: $T_c=3875K$ ($duv=-0.00093$) Color Ratio: $R=0.194$ $G=0.765$ $B=0.041$
 Peak Wavelength: 457.4nm Half Bandwidth: 27.2nm
 Dominant Wavelength: 580.0nm Color Purity: 0.290
 CRI: $R_a=86.1$ TM30: $R_f=84$, $R_g=93$
 GAI: $GAI_BB_8=93.0$, $GAI_BB_15=101.0$, $GAI_EES=71.4$

R1 =86	R2 =95	R3 =96	R4 =83	R5 =85	R6 =91	R7 =84	R8 =68
R9 =24	R10=86	R11=82	R12=65	R13=89	R14=99	R15=81	

Color Quality Scale: $Q_a=84.6$, $Q_f=84.9$, $Q_p=83.7$, $Q_g=92.3$

Q1 =82	Q2 =96	Q3 =84	Q4 =77	Q5 =80	Q6 =82	Q7 =87	Q8 =90
Q9 =98	Q10=93	Q11=89	Q12=87	Q13=87	Q14=78	Q15=80	



Photometric Parameters

Luminous Flux: 562.79 lm	Efficiency: 97.88 lm/W	Radiant Power: 1.722 W
Total mains efficacy: 115.10 lm/W Energy Efficiency Class: E (EU 2019/2015)		

Electric Parameters

Voltage: 230.90V	Current: 0.0290A	Power: 5.75W
Power Factor: 0.8320	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: 45723 (3049)	CCD Integration Time: 657.35 ms