

Lightsource Test Report

Product Information

Product Category: LED-Leuchten	Product Type: LED-Leuchten-Downlight-Magic
Product Spec: LED-DEL-M-Modul-110-15W-NWM	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 104248
Buyer: 2320	

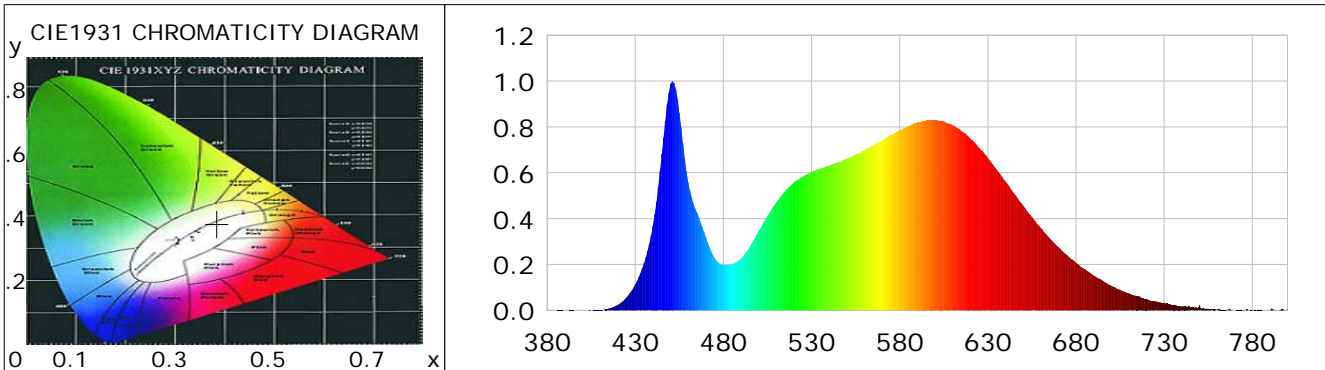
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3845$ $y=0.3765$ $u(u')=0.2279$ $v=0.3347$ $v'=0.5021$
 CCT: $T_c=3889K$ ($duv=-0.00129$) Color Ratio: $R=0.190$ $G=0.777$ $B=0.032$
 Peak Wavelength: 451.1nm Half Bandwidth: 19.3nm
 Dominant Wavelength: 580.2nm Color Purity: 0.284
 CRI: $R_a=83.9$ TM30: $R_f=84$, $R_g=97$
 GAI: $GAI_BB_8=96.3$, $GAI_BB_15=103.1$, $GAI_EES=74.2$

R1 =83	R2 =89	R3 =93	R4 =84	R5 =83	R6 =85	R7 =87	R8 =68
R9 =17	R10=73	R11=83	R12=60	R13=85	R14=96	R15=78	

Color Quality Scale: $Q_a=83.0$, $Q_f=82.7$, $Q_p=84.1$, $Q_g=94.9$

Q1 =84	Q2 =99	Q3 =77	Q4 =75	Q5 =82	Q6 =84	Q7 =85	Q8 =89
Q9 =97	Q10=87	Q11=85	Q12=84	Q13=84	Q14=75	Q15=78	



Photometric Parameters

Luminous Flux: 1738.5 lm	Efficiency: 112.38 lm/W	Radiant Power: 5.272 W
Total mains efficacy: 132.15 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 231.10V	Current: 0.0750A	Power: 15.47W
Power Factor: 0.8810	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: 43349 (2713)	CCD Integration Time: 184.35 ms