

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DEL-M-Modul-110-12W-NWM
 Manufacturer: METOLIGHT
 Buyer: 2320

Product Type: LED-Leuchten-Downlight-Magic
 Product Number: 1
 Submitted Unit: 104245

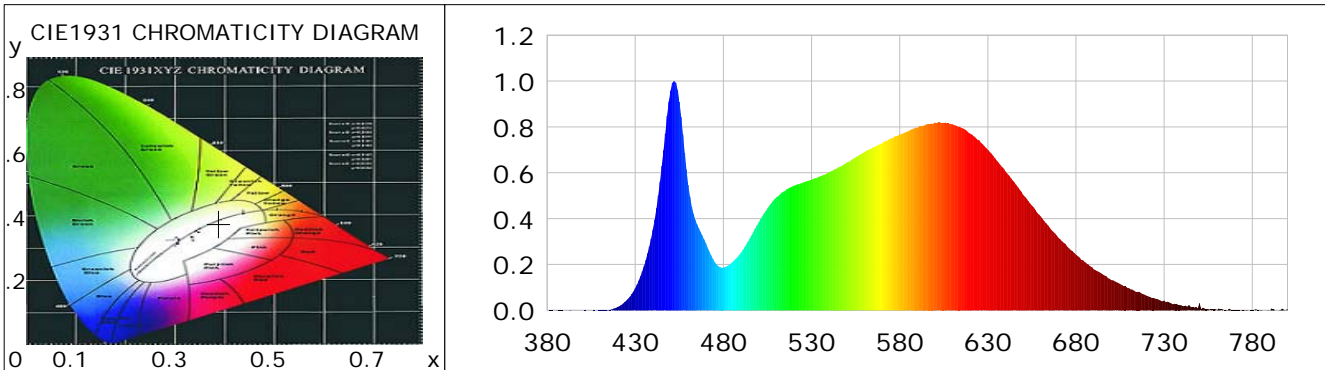
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3882$ $y=0.3768$ $u(u')=0.2303$ $v=0.3352$ $v'=0.5027$
 CCT: $T_c=3793K$ ($duv=-0.00218$) Color Ratio: $R=0.198$ $G=0.769$ $B=0.034$
 Peak Wavelength: 452.0nm Half Bandwidth: 17.9nm
 Dominant Wavelength: 581.0nm Color Purity: 0.296
 CRI: $R_a=86.4$ TM30: $R_f=86$, $R_g=98$
 GAI: $GAI_BB_8=99.1$, $GAI_BB_15=105.4$, $GAI_EES=74.6$

R1 =86	R2 =91	R3 =94	R4 =86	R5 =86	R6 =88	R7 =88	R8 =72
R9 =30	R10=79	R11=86	R12=65	R13=87	R14=97	R15=82	

Color Quality Scale: $Q_a=85.3$, $Q_f=84.9$, $Q_p=86.7$, $Q_g=96.4$

Q1 =86	Q2 =99	Q3 =79	Q4 =79	Q5 =85	Q6 =87	Q7 =87	Q8 =90
Q9 =98	Q10=89	Q11=87	Q12=86	Q13=86	Q14=79	Q15=81	



Photometric Parameters

Luminous Flux: 1221.5 lm Efficiency: 98.27 lm/W Radiant Power: 3.800 W
 Total mains efficacy: 115.57 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 231.20V Current: 0.0610A Power: 12.43W
 Power Factor: 0.8720 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: 46152 (2794)	CCD Integration Time: 274.44 ms