

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DEL-M-Modul-150-12W-WWM
 Manufacturer: METOLIGHT
 Buyer: 2320

Product Type: LED-Leuchten-Downlight-Magic
 Product Number: 2
 Submitted Unit: 101107

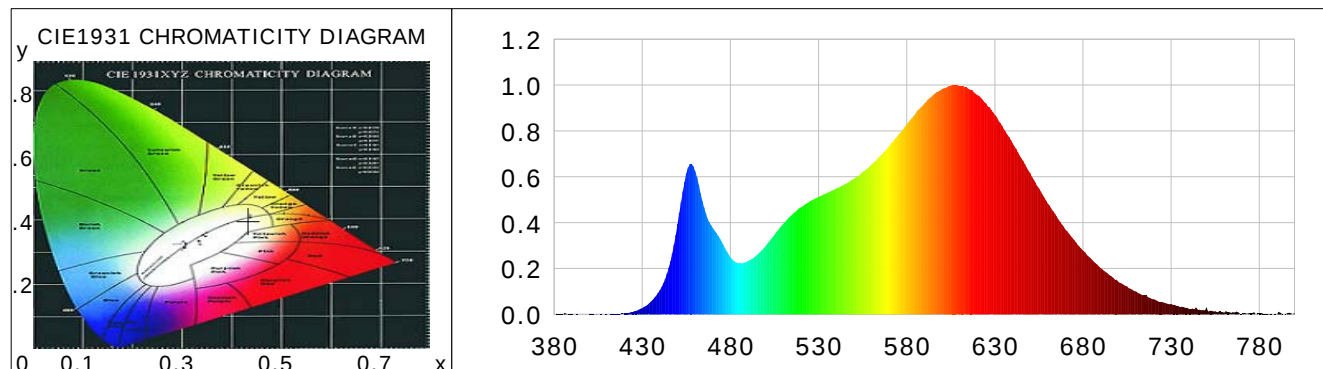
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4337$ $y=0.3981$ $u(u')=0.2511$ $v=0.3457$ $v'=0.5185$
 CCT: $T_c=3005K$ ($duv=-0.00197$) Color Ratio: $R=0.237$ $G=0.734$ $B=0.030$
 Peak Wavelength: 606.4nm Half Bandwidth: 131.9nm
 Dominant Wavelength: 583.5nm Color Purity: 0.497
 CRI: $R_a=85.8$ TM30: $R_f=85$, $R_g=95$
 GAI: $GAI_BB_8=98.1$, $GAI_BB_15=107.1$, $GAI_EES=56.5$

R1 =86	R2 =95	R3 =95	R4 =83	R5 =86	R6 =94	R7 =82	R8 =64
R9 =22	R10=88	R11=84	R12=73	R13=89	R14=98	R15=79	

Color Quality Scale: $Q_a=84.6$, $Q_f=86.0$, $Q_p=86.3$, $Q_g=92.3$

Q1 =81	Q2 =94	Q3 =85	Q4 =80	Q5 =83	Q6 =85	Q7 =87	Q8 =88
Q9 =96	Q10=92	Q11=89	Q12=86	Q13=85	Q14=77	Q15=78	



Photometric Parameters

Luminous Flux: 1191.5 lm Efficiency: 94.41 lm/W Radiant Power: 3.669 W
 Total mains efficacy: 111.03 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 231.00V Current: 0.0660A Power: 12.62W
 Power Factor: 0.8880 Frequency: 50.00Hz

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: 45311 (2898) CCD Integration Time: 350.18 ms