

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DEL-M-Modul-150-18W-NWM
 Manufacturer: METOLIGHT
 Buyer: 2320

Product Type: LED-Leuchten-Downlight-Magic
 Product Number: 1
 Submitted Unit: 104251

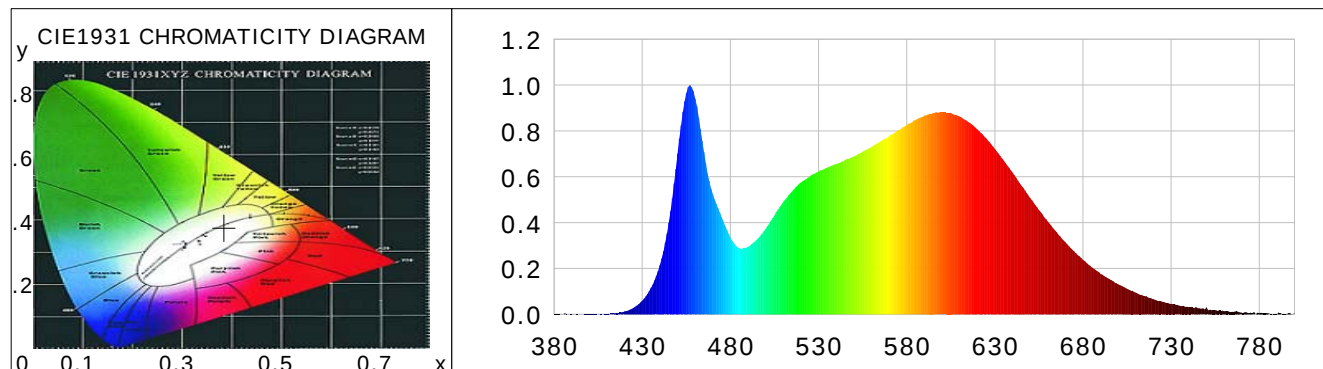
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3849$ $y=0.3777$ $u(u')=0.2277$ $v=0.3351$ $v'=0.5027$
 CCT: $T_c=3887K$ ($duv=-0.00084$) Color Ratio: $R=0.194$ $G=0.767$ $B=0.039$
 Peak Wavelength: 457.0nm Half Bandwidth: 24.2nm
 Dominant Wavelength: 579.9nm Color Purity: 0.289
 CRI: $R_a=86.2$ TM30: $R_f=84$, $R_g=94$
 GAI: $GAI_BB_8=93.6$, $GAI_BB_15=101.6$, $GAI_EES=72.0$

R1 =86	R2 =94	R3 =96	R4 =83	R5 =85	R6 =90	R7 =86	R8 =69
R9 =26	R10=83	R11=82	R12=63	R13=89	R14=99	R15=81	

Color Quality Scale: $Q_a=84.7$, $Q_f=84.9$, $Q_p=84.2$, $Q_g=93.0$

Q1 =83	Q2 =97	Q3 =82	Q4 =76	Q5 =80	Q6 =83	Q7 =87	Q8 =90
Q9 =98	Q10=92	Q11=88	Q12=87	Q13=87	Q14=78	Q15=80	



Photometric Parameters

Luminous Flux: 2048.1 lm Efficiency: 109.52 lm/W Radiant Power: 6.341 W
 Total mains efficacy: 128.80 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 231.00V Current: 0.0900A Power: 18.70W
 Power Factor: 0.8920 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: 45825 (2766) CCD Integration Time: 173.73 ms