

Lightsource Test Report

Product Information

Product Category: LED-Leuchten	Product Type: LED-Leuchten-Downlight-Magic
Product Spec: LED-DEL-M-Modul-150-18W-CWM	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 104252
Buyer: 2320	

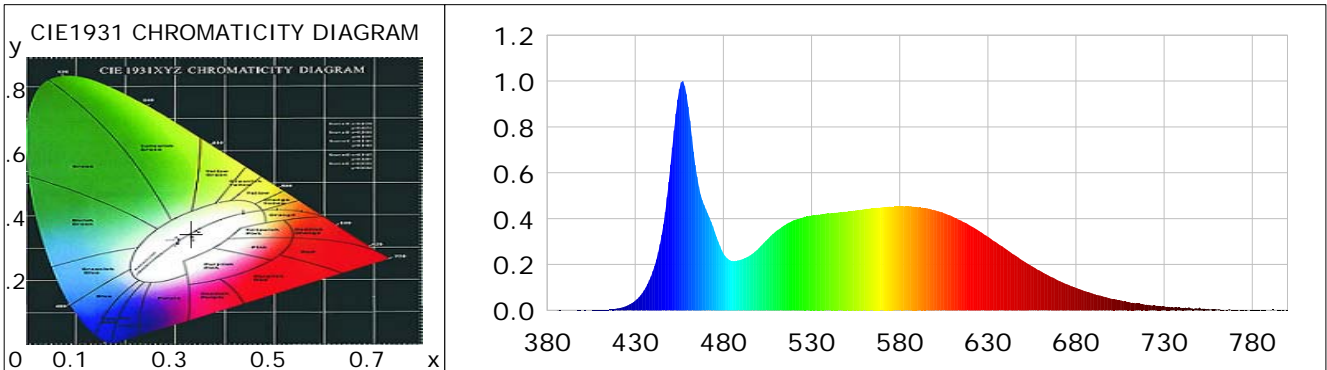
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3329$ $y=0.3449$ $u(u')=0.2057$ $v=0.3197$ $v'=0.4795$
 CCT: $T_c=5484K$ ($duv=0.00176$) Color Ratio: $R=0.154$ $G=0.792$ $B=0.055$
 Peak Wavelength: 456.7nm Half Bandwidth: 19.1nm
 Dominant Wavelength: 552.7nm Color Purity: 0.034
 CRI: $R_a=85.7$ TM30: $R_f=83$, $R_g=93$
 GAI: $GAI_BB_8=91.8$, $GAI_BB_15=98.3$, $GAI_EES=84.3$

R1 =85	R2 =93	R3 =95	R4 =82	R5 =84	R6 =88	R7 =86	R8 =71
R9 =22	R10=82	R11=82	R12=58	R13=89	R14=98	R15=81	

Color Quality Scale: $Q_a=82.5$, $Q_f=82.6$, $Q_p=81.9$, $Q_g=91.8$

Q1 =82	Q2 =97	Q3 =80	Q4 =72	Q5 =77	Q6 =80	Q7 =86	Q8 =90
Q9 =98	Q10=90	Q11=86	Q12=84	Q13=84	Q14=76	Q15=79	



Photometric Parameters

Luminous Flux: 2058.6 lm	Efficiency: 109.79 lm/W	Radiant Power: 6.532 W
Total mains efficacy: 129.12 lm/W	Energy Efficiency Class: E (EU 2019/2015)	

Electric Parameters

Voltage: 231.00V	Current: 0.0900A	Power: 18.75W
Power Factor: 0.8950	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: 46103 (2669)	CCD Integration Time: 92.73 ms