

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DAL-IP66-7R-060-30W-DW
 Manufacturer: METOLIGHT
 Buyer: 4493

Product Type: LED-Leuchten-IP65-Leuchten
 Product Number: 1
 Submitted Unit: 105245

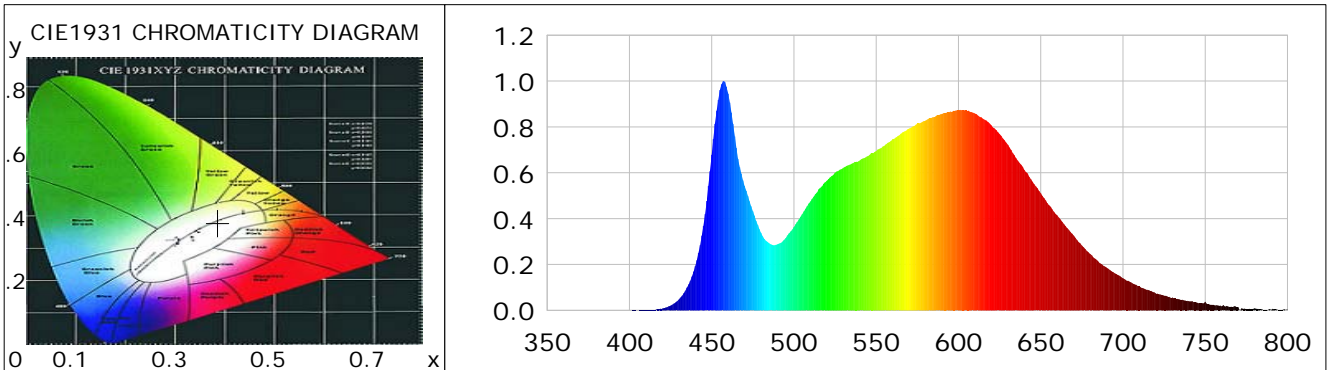
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3861$ $y=0.3798$ $u(u')=0.2276$ $v=0.3358$ $v'=0.5037$
 CCT: $T_c=3872K$ ($duv=-0.00021$) Color Ratio: $R=0.193$ $G=0.768$ $B=0.039$
 Peak Wavelength: 457.3nm Half Bandwidth: 24.6nm
 Dominant Wavelength: 579.6nm Color Purity: 0.299
 CRI: $R_a=85.6$ TM30: $R_f=83$, $R_g=94$
 GAI: $GAI_BB_8=92.2$, $GAI_BB_15=100.6$, $GAI_EES=70.8$

R1 =85	R2 =93	R3 =96	R4 =82	R5 =84	R6 =89	R7 =86	R8 =69
R9 =25	R10=82	R11=80	R12=61	R13=88	R14=98	R15=80	

Color Quality Scale: $Q_a=84.1$, $Q_f=84.4$, $Q_p=83.3$, $Q_g=92.4$

Q1 =82	Q2 =97	Q3 =82	Q4 =75	Q5 =79	Q6 =82	Q7 =86	Q8 =90
Q9 =98	Q10=92	Q11=88	Q12=87	Q13=86	Q14=78	Q15=80	



Photometric Parameters

Luminous Flux: 3822.9 lm Efficiency: 127.90 lm/W Radiant Power: 11.845 W
 Total mains efficacy: 150.41 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 230.10V Current: 0.1300A Power: 29.89W
 Power Factor: 0.9670 Frequency: 49.99Hz

Test Information

Scan Range: 350~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 0 ms ALC.: 1.0000 Photometric Condition: Sphere diameter: 2.00m, 4PI
 Max of Signal: 46014 (2419) CCD Integration Time: 66.60 ms