

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DAL-IP66-7R-150-60W-DW
 Manufacturer: METOLIGHT
 Buyer: 4493

Product Type: LED-Leuchten-IP65-Leuchten
 Product Number: 1
 Submitted Unit: 103313

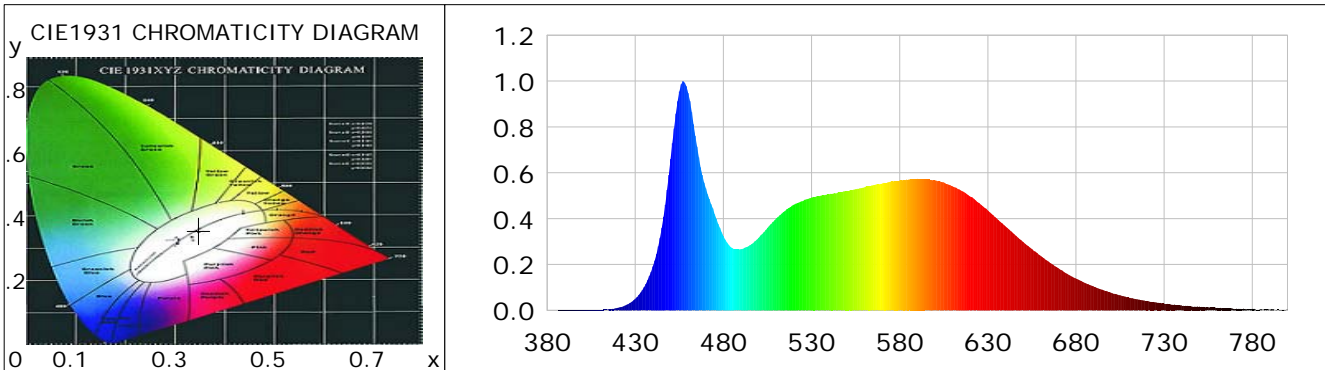
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3477$ $y=0.3549$ $u(u')=0.2119$ $v=0.3244$ $v'=0.4867$
 CCT: $T_c=4915K$ ($duv=0.00063$) Color Ratio: $R=0.166$ $G=0.782$ $B=0.052$
 Peak Wavelength: 457.2nm Half Bandwidth: 23.7nm
 Dominant Wavelength: 573.2nm Color Purity: 0.108
 CRI: $R_a=86.1$ TM30: $R_f=82$, $R_g=92$
 GAI: $GAI_BB_8=90.2$, $GAI_BB_15=97.8$, $GAI_EES=81.5$

R1 =86	R2 =95	R3 =96	R4 =81	R5 =84	R6 =90	R7 =86	R8 =71
R9 =28	R10=85	R11=81	R12=57	R13=90	R14=98	R15=82	

Color Quality Scale: $Q_a=83.7$, $Q_f=83.9$, $Q_p=82.5$, $Q_g=91.3$

Q1 =81	Q2 =96	Q3 =83	Q4 =74	Q5 =77	Q6 =79	Q7 =86	Q8 =90
Q9 =98	Q10=93	Q11=89	Q12=88	Q13=87	Q14=78	Q15=80	



Photometric Parameters

Luminous Flux: 7790.9 lm Efficiency: 127.34 lm/W Radiant Power: 24.692 W
 Total mains efficacy: 149.76 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 230.30V Current: 0.2700A Power: 61.18W
 Power Factor: 0.9630 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: 44586 (2415) CCD Integration Time: 31.99 ms