

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DAL-IP66-7R-120-50W-DW
 Manufacturer: METOLIGHT
 Buyer: 4493

Product Type: LED-Leuchten-IP65-Leuchten
 Product Number: 1
 Submitted Unit: 103312

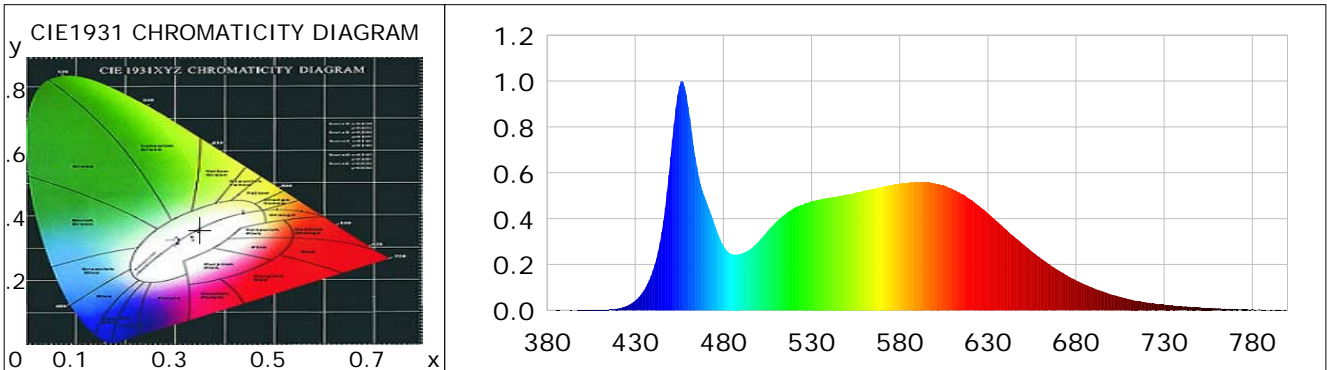
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3505$ $y=0.3573$ $u(u')=0.2128$ $v=0.3255$ $v'=0.4882$
 CCT: $T_c=4824K$ ($duv=0.00074$) Color Ratio: $R=0.167$ $G=0.783$ $B=0.049$
 Peak Wavelength: 456.4nm Half Bandwidth: 21.3nm
 Dominant Wavelength: 574.0nm Color Purity: 0.124
 CRI: $R_a=85.6$ TM30: $R_f=82$, $R_g=92$
 GAI: $GAI_BB_8=90.2$, $GAI_BB_15=98.0$, $GAI_EES=80.7$

R1 =86	R2 =94	R3 =96	R4 =81	R5 =84	R6 =89	R7 =86	R8 =70
R9 =25	R10=83	R11=81	R12=55	R13=89	R14=98	R15=81	

Color Quality Scale: $Q_a=83.4$, $Q_f=83.6$, $Q_p=82.2$, $Q_g=91.4$

Q1 =81	Q2 =96	Q3 =82	Q4 =73	Q5 =77	Q6 =79	Q7 =86	Q8 =90
Q9 =98	Q10=92	Q11=88	Q12=87	Q13=87	Q14=77	Q15=80	



Photometric Parameters

Luminous Flux: 6298.1 lm Efficiency: 134.06 lm/W Radiant Power: 19.734 W
 Total mains efficacy: 157.65 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 230.00V Current: 0.2120A Power: 46.98W
 Power Factor: 0.9610 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: 46000 (2467) CCD Integration Time: 39.62 ms