

Lightsource Test Report

Product Information

Product Category: LED-Leuchten	Product Type: LED-Leuchten-IP65-Leuchten
Product Spec: LED-DAL-IP66-7R-120RAD-50W-DW	Product Number: 1
Manufacturer: METOLIGHT	Submitted Unit: 100658
Buyer: 4493-20923	

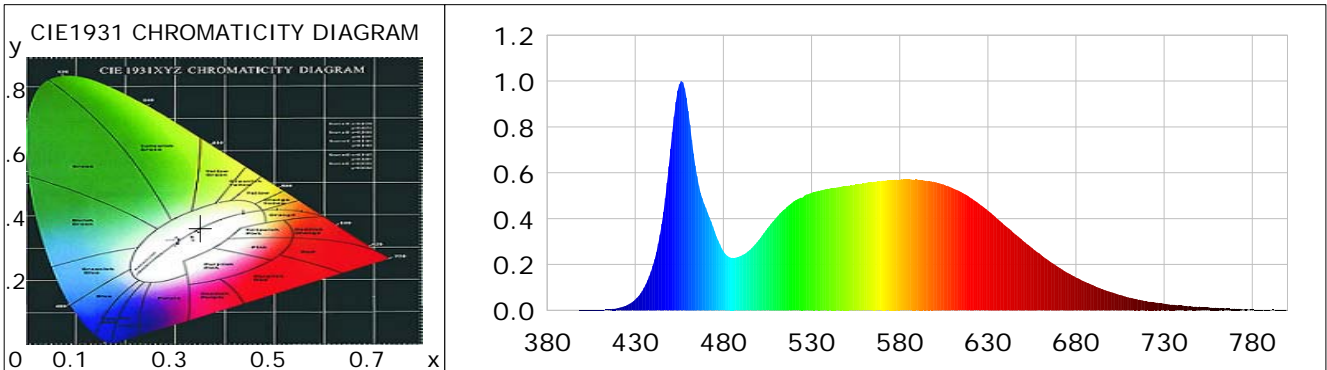
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3511$ $y=0.3634$ $u(u')=0.2109$ $v=0.3275$ $v'=0.4912$
 CCT: $T_c=4825K$ ($duv=0.00347$) Color Ratio: $R=0.163$ $G=0.791$ $B=0.046$
 Peak Wavelength: 456.2nm Half Bandwidth: 20.4nm
 Dominant Wavelength: 571.8nm Color Purity: 0.144
 CRI: $R_a=84.4$ TM30: $R_f=82$, $R_g=92$
 GAI: $GAI_BB_8=87.9$, $GAI_BB_15=96.0$, $GAI_EES=78.6$

R1 =83	R2 =91	R3 =95	R4 =81	R5 =82	R6 =86	R7 =88	R8 =70
R9 =20	R10=76	R11=79	R12=52	R13=86	R14=97	R15=79	

Color Quality Scale: $Q_a=83.0$, $Q_f=83.3$, $Q_p=81.8$, $Q_g=91.0$

Q1 =82	Q2 =97	Q3 =80	Q4 =73	Q5 =77	Q6 =79	Q7 =85	Q8 =90
Q9 =97	Q10=91	Q11=88	Q12=87	Q13=87	Q14=77	Q15=79	



Photometric Parameters

Luminous Flux: 6700.1 lm	Efficiency: 124.61 lm/W	Radiant Power: 20.779 W
Total mains efficacy: 146.54 lm/W	Energy Efficiency Class: D (EU 2019/2015)	

Electric Parameters

Voltage: 231.00V	Current: 0.2410A	Power: 53.77W
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: 45564 (2366)	CCD Integration Time: 42.11 ms