

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DAL-SL-IP65-120-36W-CW
 Manufacturer: METOLIGHT
 Buyer: 9366

Product Type: LED-Leuchten-IP65-Leuchten
 Product Number: 1
 Submitted Unit: 100347

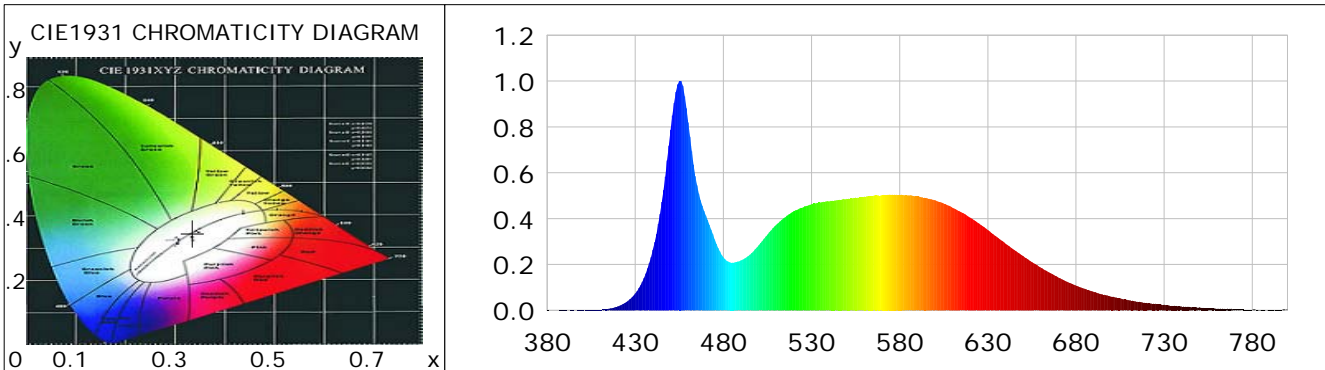
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3351$ $y=0.3470$ $u(u')=0.2064$ $v=0.3206$ $v'=0.4809$
 CCT: $T_c=5392K$ ($duv=0.00186$) Color Ratio: $R=0.152$ $G=0.798$ $B=0.049$
 Peak Wavelength: 455.5nm Half Bandwidth: 20.8nm
 Dominant Wavelength: 559.7nm Color Purity: 0.047
 CRI: $R_a=84.1$ TM30: $R_f=83$, $R_g=94$
 GAI: $GAI_BB_8=92.3$, $GAI_BB_15=98.6$, $GAI_EES=84.1$

R1 =83	R2 =90	R3 =93	R4 =82	R5 =83	R6 =85	R7 =87	R8 =70
R9 =16	R10=74	R11=81	R12=57	R13=85	R14=96	R15=79	

Color Quality Scale: $Q_a=81.3$, $Q_f=81.3$, $Q_p=81.5$, $Q_g=92.3$

Q1 =83	Q2 =99	Q3 =77	Q4 =70	Q5 =77	Q6 =80	Q7 =86	Q8 =89
Q9 =96	Q10=87	Q11=83	Q12=82	Q13=83	Q14=74	Q15=77	



Photometric Parameters

Luminous Flux: 4045.5 lm Efficiency: 114.70 lm/W Radiant Power: 12.738 W
 Total mains efficacy: 134.89 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.80V Current: 0.1590A Power: 35.27W
 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: 45677 (2618) CCD Integration Time: 53.15 ms