

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DAL-SL-IP65-060-24W-CW
 Manufacturer: METOLIGHT
 Buyer: 9366

Product Type: LED-Leuchten-IP65-Leuchten
 Product Number: 1
 Submitted Unit: 100345

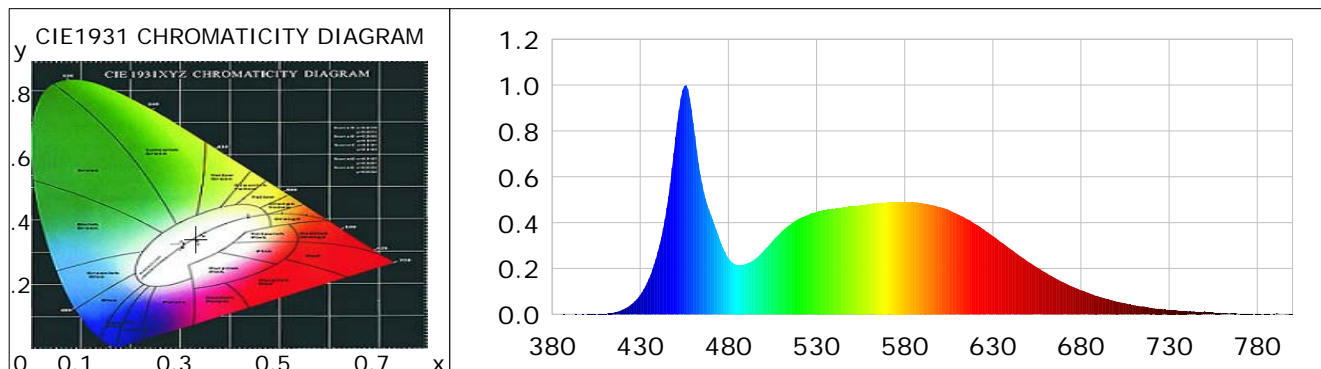
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3321$ $y=0.3413$ $u(u')=0.2065$ $v=0.3184$ $v'=0.4776$
 CCT: $T_c=5516K$ ($duv=0.00030$) Color Ratio: $R=0.153$ $G=0.796$ $B=0.052$
 Peak Wavelength: 455.7nm Half Bandwidth: 21.4nm
 Dominant Wavelength: 546.5nm Color Purity: 0.021
 CRI: $R_a=85.0$ TM30: $R_f=83$, $R_g=94$
 GAI: $GAI_BB_8=93.5$, $GAI_BB_15=99.5$, $GAI_EES=86.1$

$R1=84$	$R2=91$	$R3=93$	$R4=83$	$R5=84$	$R6=85$	$R7=88$	$R8=71$
$R9=20$	$R10=77$	$R11=82$	$R12=58$	$R13=87$	$R14=96$	$R15=81$	

Color Quality Scale: $Q_a=81.4$, $Q_f=81.4$, $Q_p=81.9$, $Q_g=92.7$

$Q1=84$	$Q2=99$	$Q3=77$	$Q4=70$	$Q5=76$	$Q6=80$	$Q7=86$	$Q8=90$
$Q9=96$	$Q10=87$	$Q11=82$	$Q12=82$	$Q13=82$	$Q14=75$	$Q15=78$	



Photometric Parameters

Luminous Flux: 2571.3 lm Efficiency: 114.53 lm/W Radiant Power: 8.183 W
 Total mains efficacy: 134.69 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 231.10V Current: 0.1040A Power: 22.45W
 Power Factor: 0.9250 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: 46318 (2633) CCD Integration Time: 76.39 ms