

Lightsource Test Report

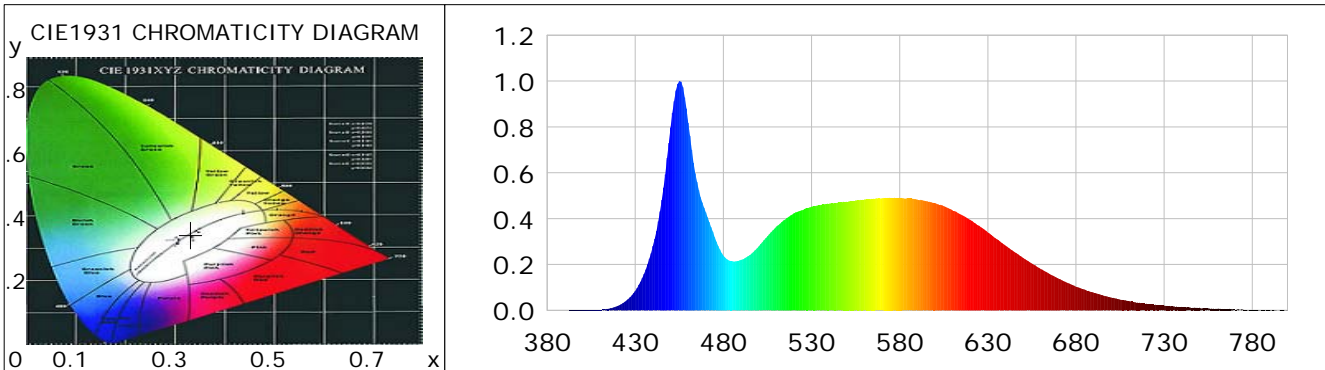
Product Information

Product Category: LED-Leuchten
 Product Spec: LED-DAL-SL-IP65-150-50W-CW
 Manufacturer: METOLIGHT
 Buyer: 9366

Product Type: LED-Leuchten-IP65-Leuchten
 Product Number: 1
 Submitted Unit: 100349

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3316$ $y=0.3417$ $u(u')=0.2060$ $v=0.3185$ $v'=0.4778$
 CCT: $T_c=5540K$ ($duv=0.00074$) Color Ratio: $R=0.152$ $G=0.797$ $B=0.051$
 Peak Wavelength: 455.3nm Half Bandwidth: 21.4nm
 Dominant Wavelength: 542.9nm Color Purity: 0.021
 CRI: $R_a=84.8$ TM30: $R_f=83$, $R_g=95$
 GAI: $GAI_BB_8=93.2$, $GAI_BB_15=99.2$, $GAI_EES=86.0$
 R1 =84 R2 =91 R3 =93 R4 =83 R5 =84 R6 =85 R7 =88 R8 =71
 R9 =19 R10=76 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 =77 Q6 =81 Q7 =86 Q8 =90
 Q9 =96 Q10=87 Q11=82 Q12=82 Q13=83 Q14=74 Q15=78



Photometric Parameters

Luminous Flux: 5761.4 lm Efficiency: 114.38 lm/W Radiant Power: 18.309 W
 Total mains efficacy: 134.51 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.90V Current: 0.2210A Power: 50.37W
 Power Factor: 0.9850 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: 50757 (2616) CCD Integration Time: 39.68 ms