

Lightsource Test Report

Product Infomation

Product Category: LED-Leuchten
 Product Spec: LED-LIN-T5T-090-18-CW
 Manufacturer: METOLIGHT
 Buyer: 4624

Product Type: LED-Leuchten-Linearleuchten
 Product Number: 1
 Submitted Unit: 102421

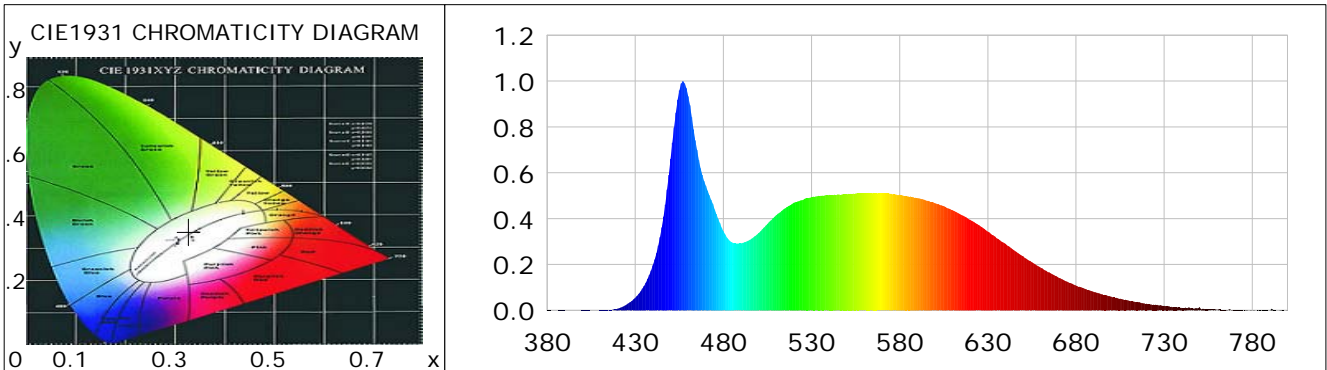
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3273$ $y=0.3522$ $u(u')=0.1992$ $v=0.3215$ $v'=0.4823$
 CCT: $T_c=5718K$ ($duv=0.00785$) Color Ratio: $R=0.144$ $G=0.798$ $B=0.058$
 Peak Wavelength: 457.0nm Half Bandwidth: 24.5nm
 Dominant Wavelength: 534.7nm Color Purity: 0.042
 CRI: $R_a=84.2$ TM30: $R_f=83$, $R_g=91$
 GAI: $GAI_BB_8=86.0$, $GAI_BB_15=92.9$, $GAI_EES=80.4$

R1 =83	R2 =92	R3 =95	R4 =79	R5 =82	R6 =88	R7 =86	R8 =69
R9 =15	R10=80	R11=78	R12=57	R13=86	R14=98	R15=77	

Color Quality Scale: $Q_a=82.8$, $Q_f=83.3$, $Q_p=80.8$, $Q_g=89.3$

Q1 =79	Q2 =95	Q3 =84	Q4 =75	Q5 =77	Q6 =78	Q7 =83	Q8 =89
Q9 =97	Q10=93	Q11=89	Q12=88	Q13=86	Q14=75	Q15=77	



Photometric Parameters

Luminous Flux: 2081.2 lm Efficiency: 108.51 lm/W Radiant Power: 6.540 W
 Total mains efficacy: 127.61 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.60V Current: 0.0832A Power: 19.18W
 Power Factor: 0.9640 Frequency: 49.99Hz

Test Infomation

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: 48912 (2579) CCD Integration Time: 122.22 ms