

Lightsource Test Report

Product Information

Product Category: LED-Leuchten
 Product Spec: LED-LIN-T5-1501-NWM
 Manufacturer: METOLIGHT
 Buyer: 3317

Product Type: LED-Leuchten-Linearleuchten
 Product Number: 1
 Submitted Unit: 104195

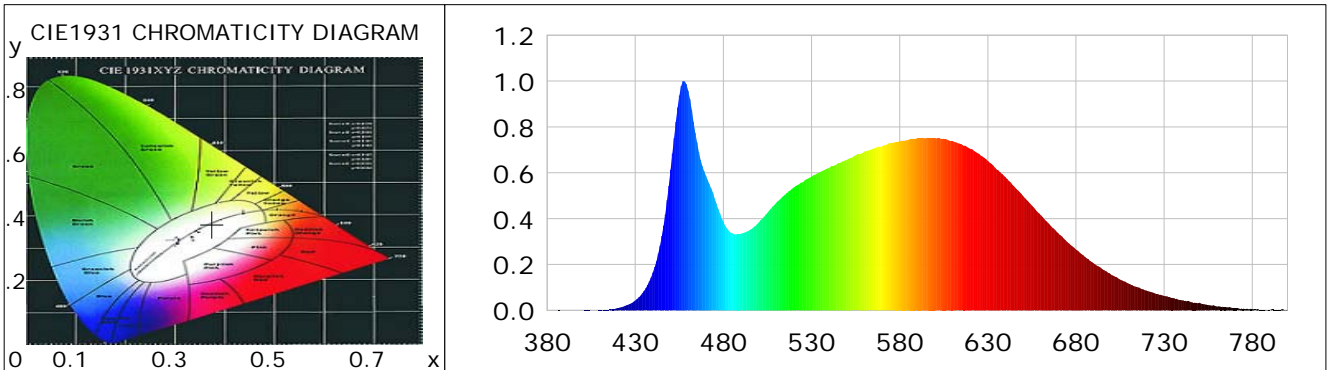
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3746$ $y=0.3754$ $u(u')=0.2218$ $v=0.3334$ $v'=0.5001$
 CCT: $T_c=4153K$ ($duv=0.00110$) Color Ratio: $R=0.185$ $G=0.769$ $B=0.046$
 Peak Wavelength: 457.4nm Half Bandwidth: 26.3nm
 Dominant Wavelength: 577.8nm Color Purity: 0.251
 CRI: $R_a=87.6$ TM30: $R_f=84$, $R_g=93$
 GAI: $GAI_BB_8=90.6$, $GAI_BB_15=98.7$, $GAI_EES=73.6$

R1 =88	R2 =95	R3 =97	R4 =83	R5 =86	R6 =91	R7 =87	R8 =74
R9 =39	R10=86	R11=81	R12=61	R13=90	R14=99	R15=84	

Color Quality Scale: $Q_a=85.9$, $Q_f=86.1$, $Q_p=84.5$, $Q_g=92.2$

Q1 =83	Q2 =95	Q3 =85	Q4 =77	Q5 =79	Q6 =81	Q7 =87	Q8 =91
Q9 =98	Q10=95	Q11=91	Q12=90	Q13=89	Q14=82	Q15=84	



Photometric Parameters

Luminous Flux: 2722.1 lm Efficiency: 108.15 lm/W Radiant Power: 8.724 W
 Total mains efficacy: 127.18 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.40V Current: 0.1120A Power: 25.17W
 Power Factor: 0.9680 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: 47294 (2214) CCD Integration Time: 123.69 ms