

Lightsource Test Report

Product Information

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

Product Type: LED-Leuchten-Linearleuchten
 Product Number: 1
 Submitted Unit: 102417

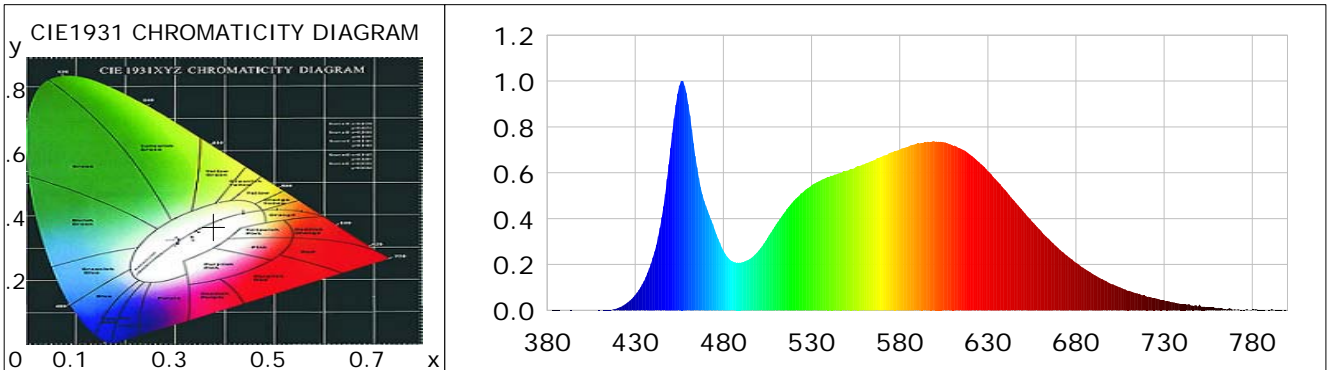
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3780$ $y=0.3674$ $u(u')=0.2273$ $v=0.3313$ $v'=0.4970$
 CCT: $T_c=3998K$ ($duv=-0.00374$) Color Ratio: $R=0.191$ $G=0.771$ $B=0.038$
 Peak Wavelength: 456.5nm Half Bandwidth: 21.3nm
 Dominant Wavelength: 581.4nm Color Purity: 0.237
 CRI: $R_a=85.3$ TM30: $R_f=83$, $R_g=95$
 GAI: $GAI_BB_8=98.0$, $GAI_BB_15=105.9$, $GAI_EES=77.3$

R1 =85	R2 =92	R3 =94	R4 =82	R5 =84	R6 =87	R7 =87	R8 =71
R9 =28	R10=78	R11=80	R12=58	R13=88	R14=96	R15=82	

Color Quality Scale: $Q_a=82.3$, $Q_f=82.0$, $Q_p=83.3$, $Q_g=94.5$

Q1 =85	Q2 =98	Q3 =76	Q4 =70	Q5 =77	Q6 =81	Q7 =85	Q8 =89
Q9 =96	Q10=88	Q11=84	Q12=83	Q13=85	Q14=78	Q15=81	



Photometric Parameters

Luminous Flux: 1853.0 lm Efficiency: 104.51 lm/W Radiant Power: 5.798 W
 Total mains efficacy: 122.91 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.30V Current: 0.0770A Power: 17.73W
 Power Factor: 0.9440 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: 45973 (2587) CCD Integration Time: 164.10 ms