

Lightsource Test Report

Product Infomation

Product Category: LED-Leuchten
 Product Spec: LED-LIN-T5T-150-26-CW
 Manufacturer: METOLIGHT
 Buyer: 4624

Product Type: LED-Leuchten-Linearleuchten
 Product Number: 1
 Submitted Unit: 102423

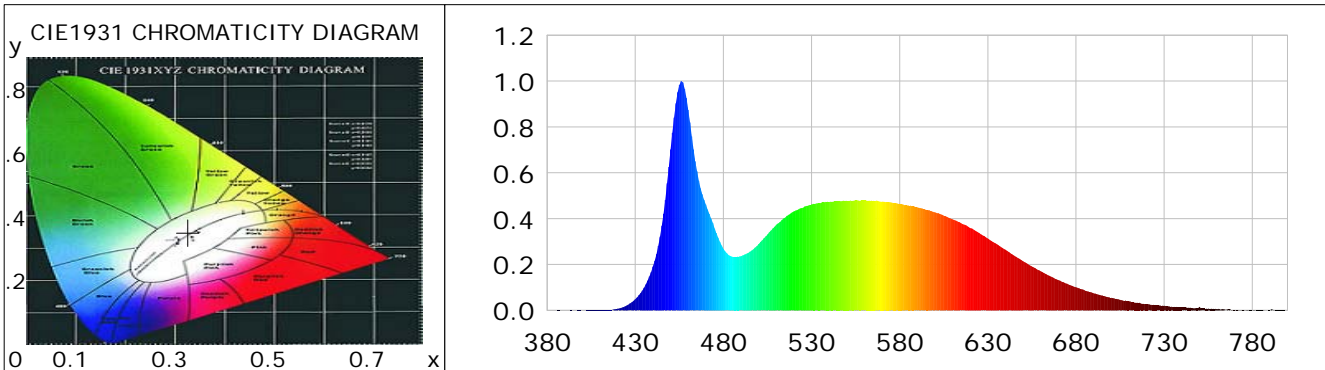
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3262$ $y=0.3494$ $u(u')=0.1995$ $v=0.3205$ $v'=0.4808$
 CCT: $T_c=5770K$ ($duv=0.00699$) Color Ratio: $R=0.142$ $G=0.804$ $B=0.054$
 Peak Wavelength: 456.3nm Half Bandwidth: 21.0nm
 Dominant Wavelength: 538.5nm Color Purity: 0.033
 CRI: $R_a=83.3$ TM30: $R_f=82$, $R_g=92$
 GAI: $GAI_BB_8=87.0$, $GAI_BB_15=94.0$, $GAI_EES=81.5$

R1 =81	R2 =90	R3 =94	R4 =79	R5 =80	R6 =85	R7 =87	R8 =69
R9 =12	R10=75	R11=78	R12=53	R13=84	R14=97	R15=77	

Color Quality Scale: $Q_a=81.6$, $Q_f=81.9$, $Q_p=80.2$, $Q_g=89.8$

Q1 =81	Q2 =97	Q3 =80	Q4 =72	Q5 =75	Q6 =77	Q7 =83	Q8 =89
Q9 =97	Q10=90	Q11=86	Q12=85	Q13=85	Q14=74	Q15=77	



Photometric Parameters

Luminous Flux: 2734.0 lm Efficiency: 106.75 lm/W Radiant Power: 8.572 W
 Total mains efficacy: 125.54 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.80V Current: 0.1111A Power: 25.61W
 Power Factor: 0.9620 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: 45192 (2548) CCD Integration Time: 79.46 ms