

Lightsource Test Report

Product Infomation

Product Category: LED-Leuchten
 Product Spec: LED-LIN-T5-120-NWM
 Manufacturer: METOLIGHT
 Buyer: 3317

Product Type: LED-Leuchten-Linearleuchten
 Product Number: 1
 Submitted Unit: 104194

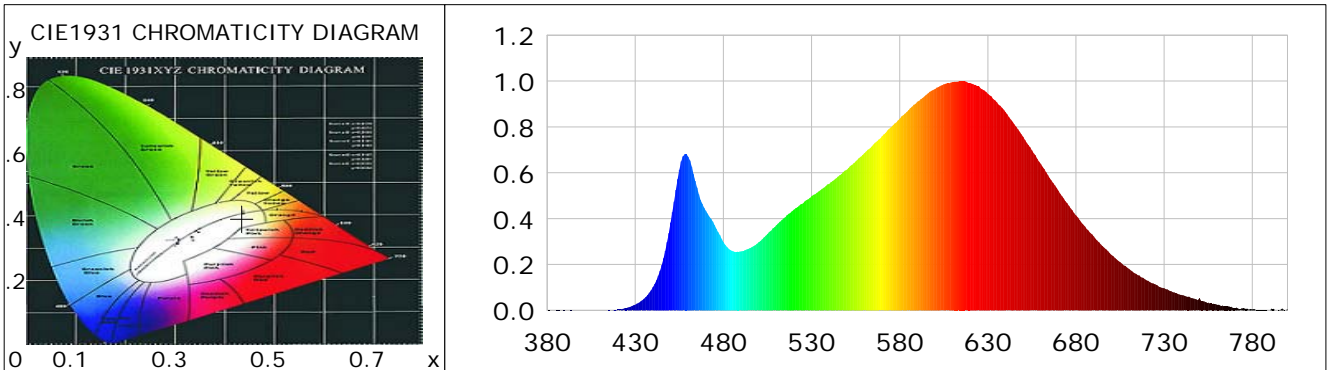
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4350$ $y=0.3932$ $u(u')=0.2541$ $v=0.3445$ $v'=0.5167$
 CCT: $T_c=2942K$ ($duv=-0.00413$) Color Ratio: $R=0.243$ $G=0.725$ $B=0.032$
 Peak Wavelength: 615.9nm Half Bandwidth: 141.5nm
 Dominant Wavelength: 584.7nm Color Purity: 0.486
 CRI: $R_a=88.0$ TM30: $R_f=86$, $R_g=96$
 GAI: $GAI_BB_8=105.6$, $GAI_BB_15=113.7$, $GAI_EES=58.9$

R1 =89	R2 =97	R3 =95	R4 =84	R5 =89	R6 =95	R7 =84	R8 =71
R9 =41	R10=92	R11=83	R12=76	R13=91	R14=98	R15=85	

Color Quality Scale: $Q_a=85.6$, $Q_f=86.5$, $Q_p=89.0$, $Q_g=94.6$

Q1 =84	Q2 =94	Q3 =85	Q4 =79	Q5 =82	Q6 =85	Q7 =87	Q8 =87
Q9 =96	Q10=92	Q11=88	Q12=86	Q13=86	Q14=82	Q15=83	



Photometric Parameters

Luminous Flux: 1995.0 lm Efficiency: 100.50 lm/W Radiant Power: 6.623 W
 Total mains efficacy: 118.19 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.60V Current: 0.0900A Power: 19.85W
 Power Factor: 0.9520 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: 45958 (2641) CCD Integration Time: 219.71 ms