

Lightsource Test Report

Product Information

Product Category: LED-Technik
 Product Spec: LED-MODUL-210-25-WW
 Manufacturer: METOLIGHT
 Buyer: 5318

Product Type: LED-Technik-Module
 Product Number: 1
 Submitted Unit: 103239

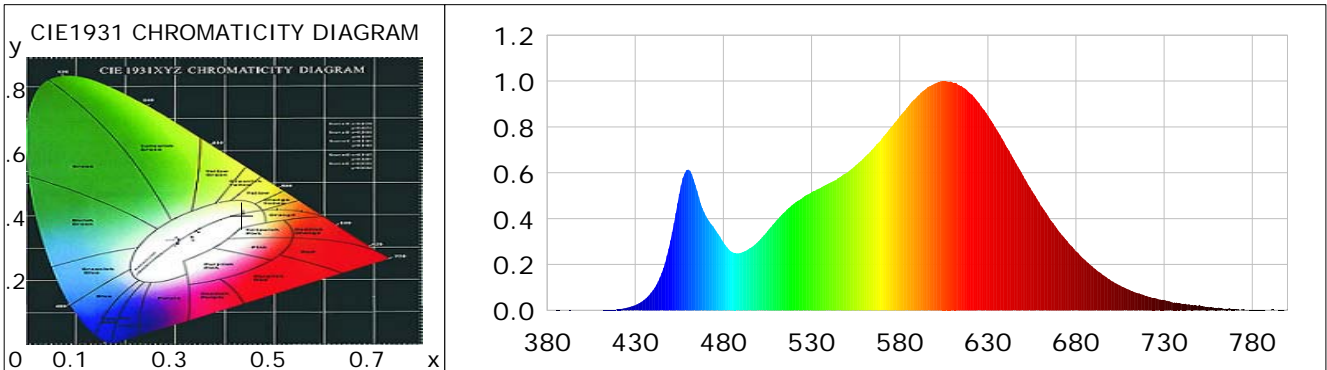
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4347$ $y=0.4034$ $u(u')=0.2494$ $v=0.3472$ $v'=0.5208$
 CCT: $T_c=3032K$ ($duv=0.00004$) Color Ratio: $R=0.232$ $G=0.737$ $B=0.031$
 Peak Wavelength: 604.7nm Half Bandwidth: 130.3nm
 Dominant Wavelength: 582.7nm Color Purity: 0.516
 CRI: $R_a=84.4$ TM30: $R_f=83$, $R_g=92$
 GAI: $GAI_BB_8=90.8$, $GAI_BB_15=100.6$, $GAI_EES=52.9$

R1 =84	R2 =95	R3 =94	R4 =81	R5 =84	R6 =94	R7 =81	R8 =61
R9 =15	R10=87	R11=81	R12=72	R13=87	R14=98	R15=77	

Color Quality Scale: $Q_a=83.7$, $Q_f=85.5$, $Q_p=83.5$, $Q_g=89.5$

Q1 =79	Q2 =93	Q3 =87	Q4 =80	Q5 =80	Q6 =82	Q7 =85	Q8 =88
Q9 =95	Q10=93	Q11=89	Q12=87	Q13=85	Q14=75	Q15=77	



Photometric Parameters

Luminous Flux: 2505.4 lm Efficiency: 98.99 lm/W Radiant Power: 7.577 W
 Total mains efficacy: 116.41 lm/W Energy Efficiency Class: E (EU 2019/2015)

Electric Parameters

Voltage: 230.30V Current: 0.1100A Power: 25.31W
 Power Factor: 0.5210 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: 43912 (2782) CCD Integration Time: 127.31 ms