

Lightsource Test Report

Product Information

Product Category: 1403.08.12
Product Spec: smd-50w-wh

Product Type: projector
Product Number: 19

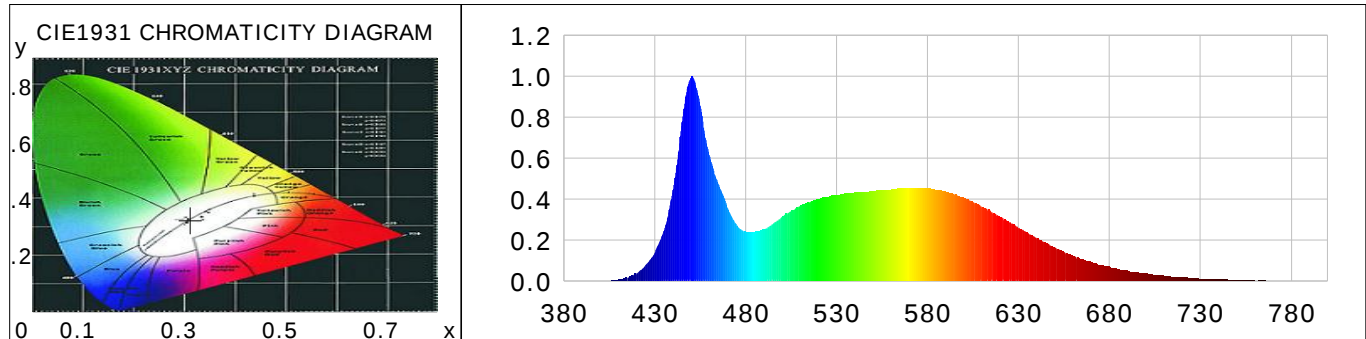
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3119$ $y=0.3240$ $u(u')=0.1991$ $v=0.3103$ $v'=0.4655$
CCT: $T_c=6592K$ ($duv=0.00104$) Color Ratio: $R=0.134$ $G=0.808$ $B=0.058$
Peak Wavelength: 450.5nm Half Bandwidth: 23.3nm
Dominant Wavelength: 486.0nm Color Purity: 0.080
CRI: $R_a=83.3$ TM30: $R_f=82$, $R_g=94$
GAI: $GAI_BB_8=91.5$, $GAI_BB_15=96.2$, $GAI_EES=89.6$

R1 =82	R2 =88	R3 =91	R4 =83	R5 =83	R6 =83	R7 =87	R8 =69
R9 =6	R10=71	R11=82	R12=60	R13=84	R14=95	R15=78	

Color Quality Scale: $Q_a=80.3$, $Q_f=80.1$, $Q_p=81.1$, $Q_g=91.6$

Q1 =84	Q2 =98	Q3 =77	Q4 =70	Q5 =78	Q6 =82	Q7 =86	Q8 =90
Q9 =96	Q10=85	Q11=80	Q12=79	Q13=80	Q14=70	Q15=75	



Photometric Parameters

Luminous Flux: 3763.8 lm
EEI: 0.18

Efficiency: 74.66 lm/W
Energy Efficiency Class: A (EU 874-2012)

Radiant Power: 12.168 W

Electric Parameters

Voltage: 231.00V
Power Factor: 0.9380

Current: 0.2330A
Frequency: 49.99Hz

Power: 50.41W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 45713 (1955)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.00m, 4PI
CCD Integration Time: 29.86 ms

Condition: Tx:20.7'C, Ti:20.9'C, R.H.:60%
Test Lab: visena electric co
Operator: sepanta pouresmail

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2024-11-03 12:07:13
Inspector: