

Lightsource Test Report

Product Infomation

Product Category: BQ-SF12-BL-NW

Product Number: 13

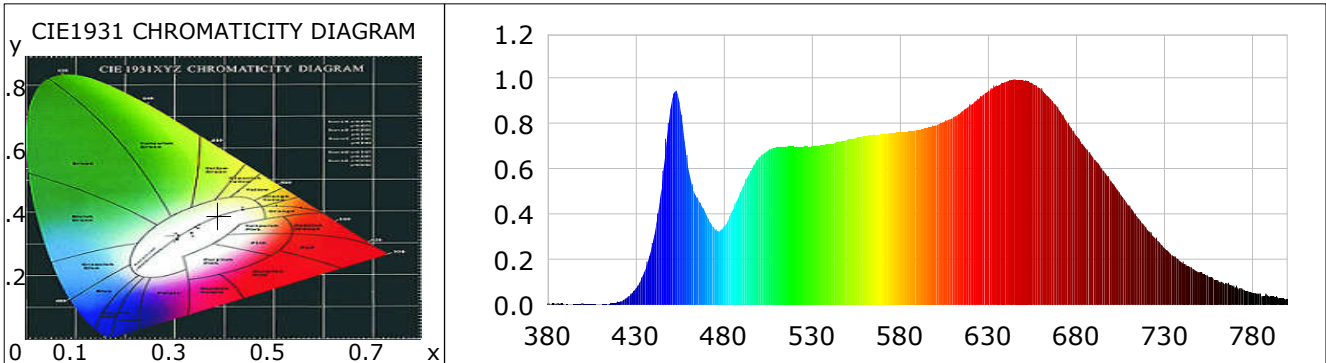
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3891$ $y=0.3871$ $u(u')=0.2266$ $v=0.3382$ $v'=0.5074$
 CCT: $T_c=3852K$ ($duv=0.00236$) Color Ratio: $R=0.209$ $G=0.747$ $B=0.044$
 Peak Wavelength: 645.0nm Half Bandwidth: 214.5nm
 Dominant Wavelength: 578.5nm Color Purity: 0.330
 CRI: $R_a=97.4$ TM30: $R_f=93$, $R_g=100$

R1 =97	R2 =99	R3 =98	R4 =97	R5 =98	R6 =98	R7 =97	R8 =94
R9 =88	R10=98	R11=95	R12=80	R13=98	R14=98	R15=96	

 Color Quality Scale: $Q_a=96.4$, $Q_f=95.8$, $Q_p=97.7$, $Q_g=100.6$

Q1 =93	Q2 =98	Q3 =96	Q4 =97	Q5 =99	Q6 =99	Q7 =99	Q8 =98
Q9 =96	Q10=95	Q11=96	Q12=96	Q13=96	Q14=99	Q15=96	



Photometric Parameters

Luminous Flux: 520.46 lm
EEI: 0.25

Efficiency: 45.22 lm/W
Energy Efficiency Class: B (EU 874-2012)

Radiant Power: 2.026 W

Electric Parameters

Voltage: 211.60V
Power Factor: 0.5360

Current: 0.1010A
Frequency: 49.97Hz

Power: 11.51W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 45573 (3722)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 734.03 ms

Condition: $T_x:22.1^{\circ}C$, $T_i:20.6^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2020-12-16 11:31:12
Inspector: