

Lightsource Test Report

Product Infomation

Product Category: BQ-SF20-BL-WW

Product Number: 16

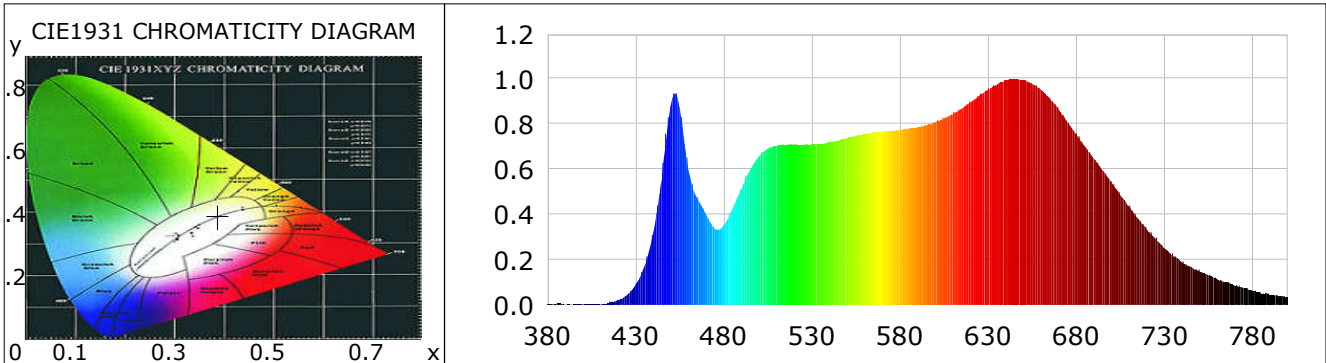
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3884$ $y=0.3858$ $u(u')=0.2267$ $v=0.3378$ $v'=0.5067$
 CCT: $T_c=3859K$ ($duv=0.00195$) Color Ratio: $R=0.209$ $G=0.747$ $B=0.044$
 Peak Wavelength: 646.9nm Half Bandwidth: 214.7nm
 Dominant Wavelength: 578.7nm Color Purity: 0.324
 CRI: $R_a=97.5$ TM30: $R_f=94$, $R_g=101$

R1 =97	R2 =99	R3 =98	R4 =97	R5 =98	R6 =98	R7 =97	R8 =95
R9 =89	R10=98	R11=94	R12=81	R13=98	R14=98	R15=96	

 Color Quality Scale: $Q_a=96.8$, $Q_f=96.2$, $Q_p=98.1$, $Q_g=100.8$

Q1 =94	Q2 =99	Q3 =96	Q4 =97	Q5 =99	Q6 =99	Q7 =99	Q8 =98
Q9 =97	Q10=96	Q11=96	Q12=96	Q13=97	Q14=99	Q15=96	



Photometric Parameters

Luminous Flux: 897.63 lm
EEI: 0.29

Efficiency: 43.89 lm/W
Energy Efficiency Class: B (EU 874-2012)

Radiant Power: 3.491 W

Electric Parameters

Voltage: 211.40V
Power Factor: 0.5230

Current: 0.1840A
Frequency: 49.99Hz

Power: 20.45W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 0 ms
Max of Signal: 46018 (3606)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 440.96 ms

Condition: $T_x:22.2^{\circ}C$, $T_i:20.8^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2020-12-16 11:45:55
Inspector: