

Lightsource Test Report (1/2)

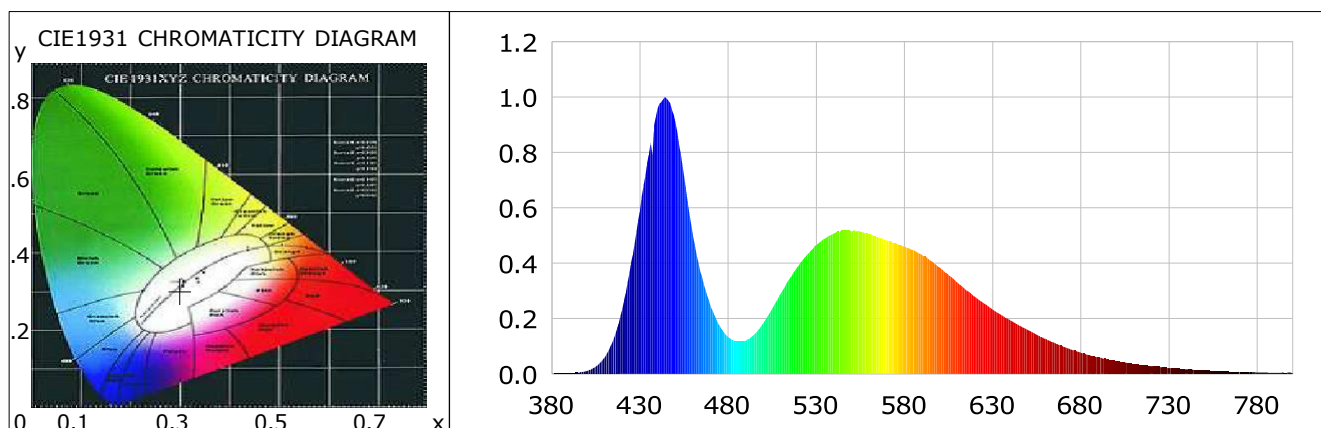
Product Infomation

Product Type: 63BLC-11-CO

Product Number: 63BLC-11-CO

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3007$ $y=0.3024$ $u(u')=0.1996$ $v=0.3010$ $v'=0.4516$
CCT: $T_c=7632K$ ($duv=-0.00444$) Color Ratio: $R=0.120$ $G=0.839$ $B=0.042$
Peak Wavelength: 444.1nm Half Bandwidth: 32.4nm
Dominant Wavelength: 486.8nm Color Purity: 0.139
CRI: $R_a=72.5$ TM30: $R_f=66$, $R_g=96$
 $R1=74$ $R2=74$ $R3=69$ $R4=76$ $R5=75$ $R6=65$ $R7=79$ $R8=68$
 $R9=-10$ $R10=34$ $R11=75$ $R12=47$ $R13=72$ $R14=82$ $R15=72$
Color Quality Scale: $Q_a=69.4$, $Q_f=66.8$, $Q_p=76.1$, $Q_g=92.1$
 $Q1=85$ $Q2=90$ $Q3=60$ $Q4=53$ $Q5=67$ $Q6=74$ $Q7=80$ $Q8=90$
 $Q9=83$ $Q10=66$ $Q11=59$ $Q12=62$ $Q13=68$ $Q14=63$ $Q15=73$



Photometric Parameters

Luminous Flux: 7953.83 lm
EEI: 0.20

Efficiency: 68.57 lm/W
Radiant Power: 26.968 W
Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 12.97V
Power Factor: 0.0000

Current: 8.9000A
Frequency: 0.00Hz

Power: 116.00W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 15 Sec
Max of Signal: 43437 (2769)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 56.74 ms

Lightsource Test Report (2/2)

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0023	0.6117	525	0.4324	115.0803	670	0.0993	26.4162
385	0.0024	0.6447	530	0.4655	123.9079	675	0.0873	23.2417
390	0.0045	1.2070	535	0.4896	130.2974	680	0.0769	20.4697
395	0.0057	1.5259	540	0.5084	135.3215	685	0.0682	18.1531
400	0.0125	3.3287	545	0.5180	137.8561	690	0.0600	15.9616
405	0.0284	7.5602	550	0.5142	136.8521	695	0.0532	14.1498
410	0.0621	16.5410	555	0.5144	136.9078	700	0.0472	12.5580
415	0.1264	33.6380	560	0.5037	134.0700	705	0.0417	11.1020
420	0.2363	62.8921	565	0.4947	131.6765	710	0.0365	9.7259
425	0.4032	107.3256	570	0.4824	128.3919	715	0.0324	8.6205
430	0.5924	157.6801	575	0.4718	125.5652	720	0.0283	7.5276
435	0.7987	212.5898	580	0.4585	122.0269	725	0.0256	6.8078
440	0.9597	255.4307	585	0.4481	119.2772	730	0.0218	5.7999
445	0.9953	264.8971	590	0.4283	114.0079	735	0.0190	5.0636
450	0.9110	242.4568	595	0.4088	108.8040	740	0.0170	4.5306
455	0.7088	188.6557	600	0.3840	102.2173	745	0.0147	3.9151
460	0.5005	133.2229	605	0.3571	95.0422	750	0.0128	3.3953
465	0.3516	93.5930	610	0.3303	87.8996	755	0.0112	2.9795
470	0.2451	65.2227	615	0.3025	80.5080	760	0.0101	2.6962
475	0.1756	46.7404	620	0.2778	73.9279	765	0.0075	1.9929
480	0.1338	35.5985	625	0.2551	67.8921	770	0.0067	1.7714
485	0.1172	31.2005	630	0.2321	61.7691	775	0.0073	1.9320
490	0.1214	32.3038	635	0.2123	56.5155	780	0.0052	1.3844
495	0.1443	38.4145	640	0.1933	51.4517	785	0.0048	1.2652
500	0.1852	49.2990	645	0.1754	46.6779	790	0.0045	1.2068
505	0.2361	62.8331	650	0.1586	42.2225	795	0.0049	1.3044
510	0.2928	77.9322	655	0.1420	37.7901	800	0.0030	0.7901
515	0.3462	92.1490	660	0.1270	33.7893			
520	0.3929	104.5715	665	0.1126	29.9804			

Condition: Tx:25.6'C, Ti:25.9'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2025-04-07 12:53:51
Inspector: