

Lightsource Test Report (1/2)

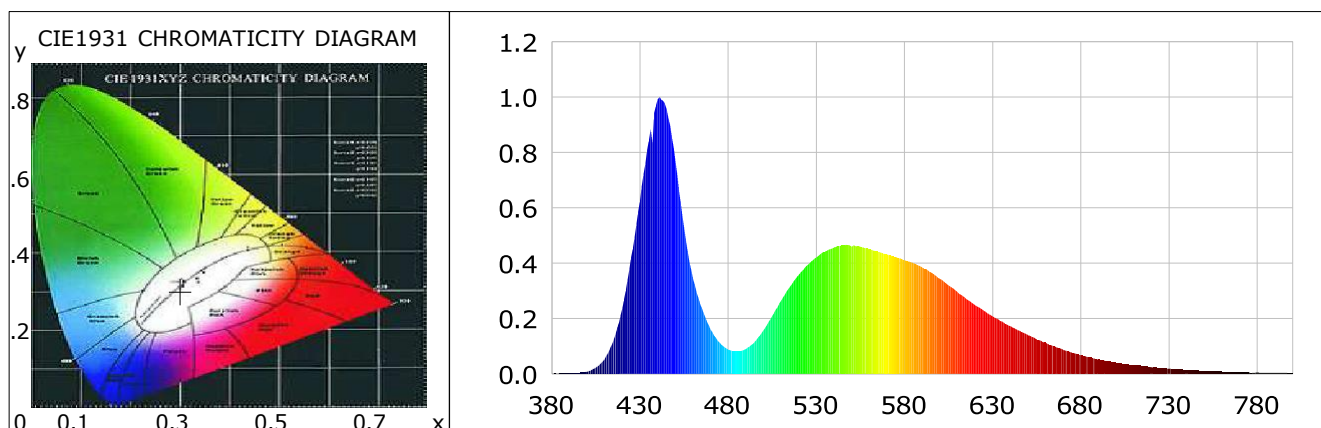
Product Infomation

Product Type: 63BLC-21-CO

Product Number: 63BLC-21-CO

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3015$ $y=0.3012$ $u(u')=0.2006$ $v=0.3006$ $v'=0.4509$
CCT: $T_c=7602K$ ($duv=-0.00552$) Color Ratio: $R=0.120$ $G=0.843$ $B=0.037$
Peak Wavelength: 441.0nm Half Bandwidth: 28.4nm
Dominant Wavelength: 476.9nm Color Purity: 0.139
CRI: $R_a=70.4$ TM30: $R_f=62$, $R_g=97$
 $R1=74$ $R2=71$ $R3=65$ $R4=74$ $R5=75$ $R6=62$ $R7=75$ $R8=67$
 $R9=-11$ $R10=28$ $R11=76$ $R12=45$ $R13=71$ $R14=80$ $R15=71$
Color Quality Scale: $Q_a=68.2$, $Q_f=64.9$, $Q_p=76.7$, $Q_g=93.0$
 $Q1=84$ $Q2=88$ $Q3=58$ $Q4=53$ $Q5=68$ $Q6=74$ $Q7=79$ $Q8=91$
 $Q9=81$ $Q10=63$ $Q11=57$ $Q12=60$ $Q13=67$ $Q14=62$ $Q15=72$



Photometric Parameters

Luminous Flux: 17195.83 lm
EEI: 0.19

Efficiency: 71.65 lm/W

Radiant Power: 58.370 W

Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 12.98V
Power Factor: 0.0000

Current: 18.5400A
Frequency: 0.00Hz

Power: 240.00W

Test Infomation

Scan Range: 380~800:1nm
Stabilization Time: 15 Sec
Max of Signal: 44174 (2740)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 25.44 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	0.0021	1.3219	525	0.3932	253.2040	670	0.0875	56.3456
385	0.0025	1.5942	530	0.4216	271.5208	675	0.0772	49.7151
390	0.0030	1.9106	535	0.4421	284.7181	680	0.0680	43.7592
395	0.0043	2.7597	540	0.4575	294.6262	685	0.0598	38.5336
400	0.0094	6.0851	545	0.4652	299.6028	690	0.0520	33.4902
405	0.0235	15.1471	550	0.4599	296.1995	695	0.0461	29.6898
410	0.0555	35.7110	555	0.4590	295.5954	700	0.0409	26.3500
415	0.1211	77.9975	560	0.4497	289.6061	705	0.0360	23.1805
420	0.2383	153.4522	565	0.4418	284.5316	710	0.0317	20.3985
425	0.4211	271.2062	570	0.4317	278.0399	715	0.0282	18.1822
430	0.6266	403.5219	575	0.4220	271.7844	720	0.0243	15.6377
435	0.8470	545.4836	580	0.4106	264.3907	725	0.0210	13.5522
440	0.9920	638.8267	585	0.4009	258.1882	730	0.0187	12.0730
445	0.9554	615.2714	590	0.3839	247.2383	735	0.0165	10.6167
450	0.7701	495.9282	595	0.3666	236.1067	740	0.0144	9.2782
455	0.5226	336.5249	600	0.3444	221.8112	745	0.0122	7.8764
460	0.3456	222.5840	605	0.3198	205.9582	750	0.0105	6.7863
465	0.2376	153.0424	610	0.2956	190.3654	755	0.0096	6.1927
470	0.1605	103.3647	615	0.2713	174.7239	760	0.0085	5.4751
475	0.1136	73.1417	620	0.2479	159.6336	765	0.0069	4.4403
480	0.0890	57.3025	625	0.2285	147.1338	770	0.0056	3.6375
485	0.0816	52.5800	630	0.2074	133.5797	775	0.0060	3.8814
490	0.0909	58.5455	635	0.1900	122.3419	780	0.0047	3.0539
495	0.1162	74.8544	640	0.1729	111.3591	785	0.0036	2.3426
500	0.1589	102.3613	645	0.1563	100.6814	790	0.0041	2.6606
505	0.2095	134.9010	650	0.1409	90.7420	795	0.0038	2.4312
510	0.2651	170.7249	655	0.1247	80.3169	800	0.0037	2.3510
515	0.3151	202.9220	660	0.1127	72.5947			
520	0.3589	231.1404	665	0.0995	64.0447			

Condition: Tx:25.6'C, Ti:27.5'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2025-04-07 12:59:58
Inspector: