

Lightsource Test Report (1/2)

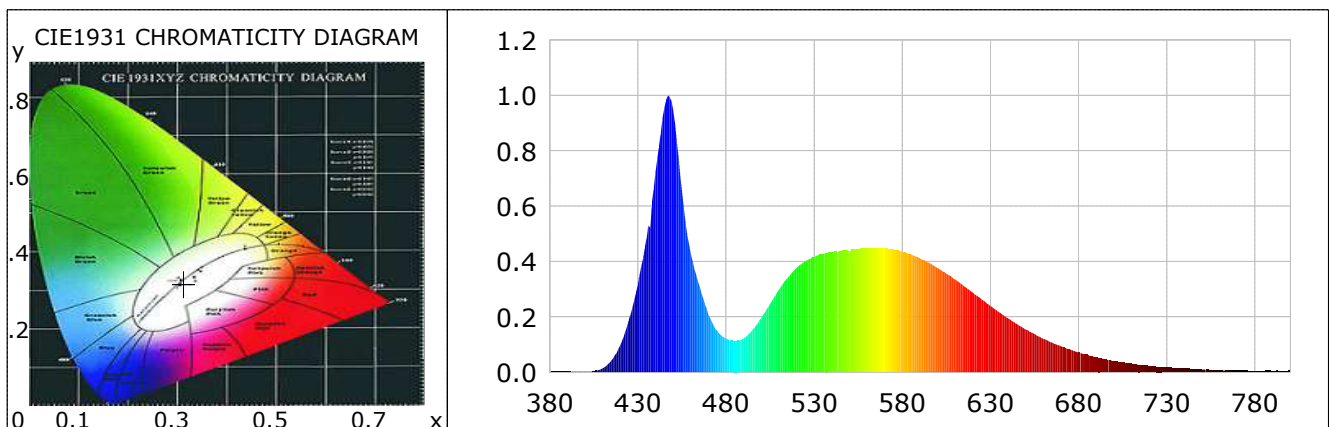
Product Infomation

Product Type: 56BLC-30-CO

Product Number: 56BLC-30-CO

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3128$ $y=0.3166$ $u(u')=0.2027$ $v=0.3077$ $v'=0.4616$
 CCT: $T_c=6600K$ ($duv=-0.00339$) Color Ratio: $R=0.131$ $G=0.828$ $B=0.041$
 Peak Wavelength: 447.2nm Half Bandwidth: 22.7nm
 Dominant Wavelength: 480.2nm Color Purity: 0.084
 CRI: $R_a=76.1$ TM30: $R_f=71$, $R_g=97$
 $R1=77$ $R2=78$ $R3=77$ $R4=79$ $R5=78$ $R6=71$ $R7=82$ $R8=68$
 $R9=-5$ $R10=46$ $R11=78$ $R12=50$ $R13=76$ $R14=87$ $R15=74$
 Color Quality Scale: $Q_a=72.9$, $Q_f=71.1$, $Q_p=77.8$, $Q_g=93.2$
 $Q1=84$ $Q2=92$ $Q3=63$ $Q4=59$ $Q5=71$ $Q6=77$ $Q7=82$ $Q8=90$
 $Q9=87$ $Q10=72$ $Q11=66$ $Q12=68$ $Q13=72$ $Q14=65$ $Q15=73$



Photometric Parameters

Luminous Flux: 10358.27 lm Efficiency: 60.79 lm/W Radiant Power: 33.613 W
 EEI: 0.22 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 12.00V Current: 14.2000A Power: 170.40W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 20 Sec Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 44112 (3741) CCD Integration Time: 27.65 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	0.0022	0.8318	525	0.4014	150.7322	670	0.0943	35.4178
385	0.0032	1.2002	530	0.4168	156.5058	675	0.0821	30.8466
390	0.0038	1.4411	535	0.4277	160.6111	680	0.0714	26.8132
395	0.0019	0.7310	540	0.4336	162.8306	685	0.0630	23.6429
400	0.0016	0.6071	545	0.4379	164.4555	690	0.0535	20.1002
405	0.0035	1.3208	550	0.4369	164.0726	695	0.0467	17.5383
410	0.0144	5.4131	555	0.4447	166.9949	700	0.0400	15.0356
415	0.0422	15.8572	560	0.4469	167.8277	705	0.0351	13.1787
420	0.0978	36.7185	565	0.4475	168.0538	710	0.0301	11.3107
425	0.1910	71.7350	570	0.4456	167.3337	715	0.0264	9.9223
430	0.3167	118.9295	575	0.4420	165.9781	720	0.0217	8.1640
435	0.4911	184.4330	580	0.4349	163.3005	725	0.0196	7.3447
440	0.7229	271.4809	585	0.4262	160.0385	730	0.0173	6.4853
445	0.9562	359.0997	590	0.4112	154.4318	735	0.0143	5.3755
450	0.9457	355.1532	595	0.3955	148.5339	740	0.0119	4.4538
455	0.6489	243.6880	600	0.3767	141.4586	745	0.0108	4.0419
460	0.4274	160.4923	605	0.3560	133.6761	750	0.0091	3.4290
465	0.3095	116.2316	610	0.3342	125.5048	755	0.0078	2.9119
470	0.2091	78.5257	615	0.3107	116.6946	760	0.0072	2.6931
475	0.1489	55.9155	620	0.2878	108.0618	765	0.0062	2.3449
480	0.1217	45.6940	625	0.2634	98.9291	770	0.0051	1.9298
485	0.1128	42.3697	630	0.2388	89.6803	775	0.0052	1.9668
490	0.1225	45.9975	635	0.2162	81.2016	780	0.0042	1.5718
495	0.1528	57.3725	640	0.1947	73.1268	785	0.0041	1.5528
500	0.1970	73.9726	645	0.1735	65.1651	790	0.0039	1.4737
505	0.2473	92.8783	650	0.1549	58.1634	795	0.0040	1.4963
510	0.2987	112.1656	655	0.1376	51.6893	800	0.0051	1.9123
515	0.3422	128.5035	660	0.1208	45.3637			
520	0.3777	141.8278	665	0.1071	40.2296			

Condition: Tx:36.4°C, Ti:35.2°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2022-09-15 11:31:12
 Inspector: