

Lightsource Test Report (1/2)

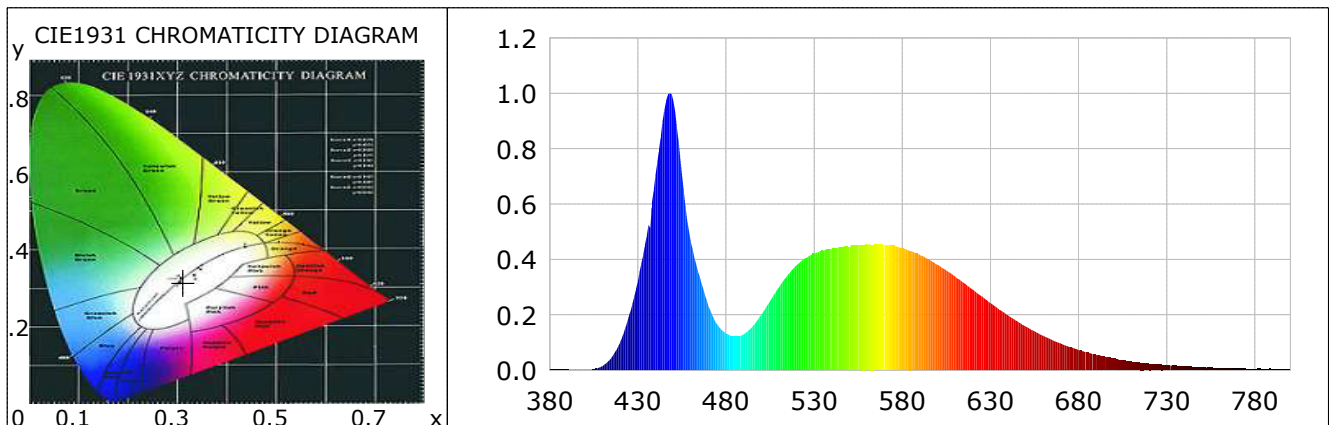
Product Information

Product Type: 56BLC-40-CO

Product Number: 56BLC-40-CO

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3114$ $y=0.3147$ $u(u')=0.2025$ $v=0.3069$ $v'=0.4603$
 CCT: $T_c=6704K$ ($duv=-0.00368$) Color Ratio: $R=0.131$ $G=0.826$ $B=0.043$
 Peak Wavelength: 448.1nm Half Bandwidth: 23.7nm
 Dominant Wavelength: 479.6nm Color Purity: 0.091
 CRI: $R_a=76.7$ TM30: $R_f=71$, $R_g=97$
 $R1=77$ $R2=79$ $R3=78$ $R4=79$ $R5=78$ $R6=71$ $R7=83$ $R8=69$
 $R9=-3$ $R10=48$ $R11=79$ $R12=51$ $R13=77$ $R14=87$ $R15=75$
 Color Quality Scale: $Q_a=73.1$, $Q_f=71.3$, $Q_p=77.8$, $Q_g=93.1$
 $Q1=84$ $Q2=92$ $Q3=64$ $Q4=58$ $Q5=71$ $Q6=77$ $Q7=82$ $Q8=90$
 $Q9=88$ $Q10=72$ $Q11=66$ $Q12=68$ $Q13=72$ $Q14=66$ $Q15=74$



Photometric Parameters

Luminous Flux: 13347.30 lm Efficiency: 62.20 lm/W Radiant Power: 43.593 W
 EEI: 0.22 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 24.25V Current: 8.8500A Power: 214.60W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 20 Sec Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 48250 (3747) CCD Integration Time: 23.50 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	0.0026	1.2626	525	0.4048	193.1271	670	0.0962	45.8886
385	0.0029	1.3599	530	0.4212	200.9670	675	0.0840	40.0697
390	0.0029	1.3879	535	0.4320	206.1286	680	0.0739	35.2498
395	0.0021	1.0128	540	0.4399	209.8560	685	0.0644	30.7414
400	0.0018	0.8523	545	0.4451	212.3513	690	0.0556	26.5133
405	0.0037	1.7767	550	0.4434	211.5323	695	0.0487	23.2241
410	0.0157	7.5113	555	0.4534	216.3357	700	0.0417	19.9000
415	0.0449	21.4336	560	0.4534	216.3029	705	0.0359	17.1177
420	0.1019	48.6062	565	0.4536	216.4038	710	0.0310	14.8033
425	0.1973	94.1135	570	0.4519	215.6097	715	0.0272	12.9902
430	0.3206	152.9658	575	0.4486	214.0476	720	0.0239	11.4149
435	0.4876	232.6225	580	0.4407	210.2489	725	0.0205	9.7885
440	0.7050	336.3409	585	0.4309	205.5976	730	0.0180	8.5778
445	0.9408	448.8358	590	0.4154	198.2015	735	0.0156	7.4630
450	0.9766	465.9479	595	0.4001	190.8837	740	0.0122	5.8394
455	0.7017	334.7734	600	0.3807	181.6078	745	0.0112	5.3646
460	0.4645	221.6333	605	0.3605	172.0129	750	0.0099	4.7221
465	0.3387	161.5882	610	0.3378	161.1549	755	0.0085	4.0496
470	0.2322	110.7672	615	0.3147	150.1574	760	0.0073	3.4601
475	0.1651	78.7567	620	0.2906	138.6234	765	0.0064	3.0450
480	0.1328	63.3418	625	0.2671	127.4529	770	0.0054	2.5906
485	0.1226	58.4755	630	0.2426	115.7526	775	0.0053	2.5213
490	0.1297	61.9006	635	0.2192	104.5943	780	0.0045	2.1360
495	0.1580	75.3668	640	0.1979	94.4121	785	0.0042	2.0275
500	0.2010	95.9192	645	0.1772	84.5521	790	0.0044	2.1010
505	0.2498	119.1577	650	0.1580	75.3588	795	0.0039	1.8679
510	0.3006	143.3947	655	0.1402	66.9056	800	0.0045	2.1402
515	0.3435	163.8985	660	0.1239	59.1288			
520	0.3792	180.9268	665	0.1097	52.3373			

Condition: Tx:36.5°C, Ti:35.4°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2022-09-15 11:40:50
 Inspector: