

## Lightsource Test Report (1/2)

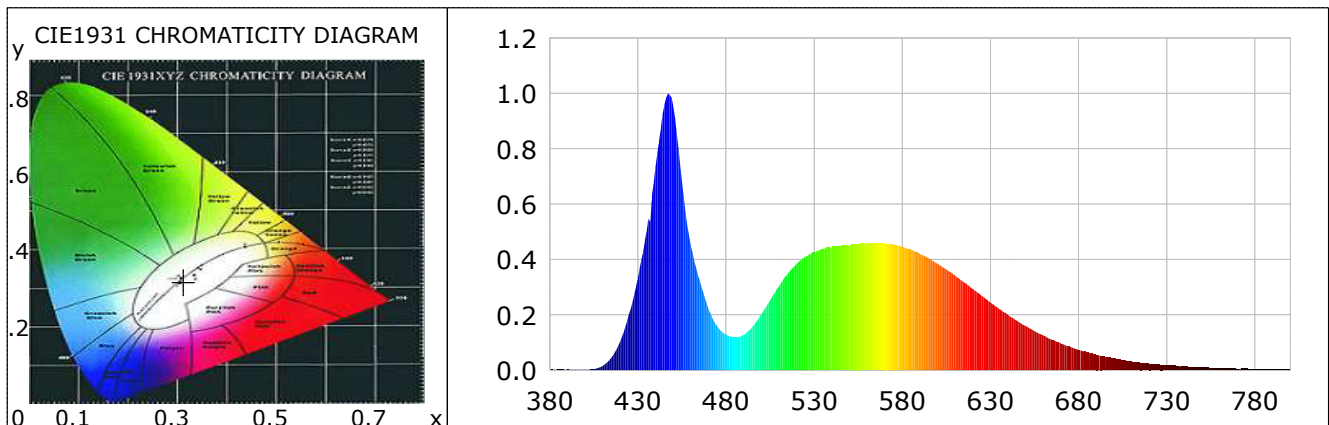
### Product Infomation

Product Type: 56BLC-50-CO

Product Number: 56BLC-50-CO

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3123$   $y=0.3161$   $u(u')=0.2025$   $v=0.3075$   $v'=0.4612$   
 CCT:  $T_c=6636K$  ( $duv=-0.00339$ ) Color Ratio:  $R=0.131$   $G=0.827$   $B=0.042$   
 Peak Wavelength: 447.2nm Half Bandwidth: 23.8nm  
 Dominant Wavelength: 480.1nm Color Purity: 0.086  
 CRI:  $R_a=76.3$  TM30:  $R_f=71$ ,  $R_g=97$   
 $R1=77$   $R2=78$   $R3=77$   $R4=79$   $R5=78$   $R6=71$   $R7=82$   $R8=68$   
 $R9=-4$   $R10=47$   $R11=78$   $R12=50$   $R13=76$   $R14=87$   $R15=74$   
 Color Quality Scale:  $Q_a=73.0$ ,  $Q_f=71.2$ ,  $Q_p=77.8$ ,  $Q_g=93.2$   
 $Q1=84$   $Q2=92$   $Q3=64$   $Q4=59$   $Q5=71$   $Q6=77$   $Q7=82$   $Q8=90$   
 $Q9=87$   $Q10=72$   $Q11=66$   $Q12=68$   $Q13=72$   $Q14=65$   $Q15=73$



### Photometric Parameters

Luminous Flux: 14943.20 lm Efficiency: 57.36 lm/W Radiant Power: 48.608 W  
 EEI: 0.24 Energy Efficiency Class: A (EU 874-2012)

### Electric Parameters

Voltage: 24.10V Current: 10.8100A Power: 260.50W  
 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: 52979 (3754) 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	0.0023	1.2177	525	0.4098	216.8232	670	0.0964	50.9946
385	0.0026	1.3780	530	0.4263	225.5115	675	0.0849	44.9201
390	0.0030	1.5830	535	0.4373	231.3677	680	0.0738	39.0586
395	0.0018	0.9349	540	0.4453	235.5984	685	0.0644	34.0767
400	0.0015	0.7677	545	0.4492	237.6597	690	0.0556	29.4135
405	0.0040	2.0899	550	0.4490	237.5620	695	0.0487	25.7903
410	0.0158	8.3541	555	0.4558	241.1604	700	0.0426	22.5278
415	0.0455	24.0596	560	0.4578	242.1920	705	0.0364	19.2716
420	0.1038	54.9247	565	0.4590	242.8105	710	0.0315	16.6488
425	0.2027	107.2290	570	0.4569	241.7125	715	0.0270	14.3083
430	0.3320	175.6245	575	0.4535	239.9054	720	0.0233	12.3354
435	0.5083	268.9411	580	0.4444	235.1020	725	0.0200	10.5625
440	0.7343	388.4834	585	0.4351	230.2072	730	0.0176	9.3022
445	0.9597	507.7423	590	0.4196	221.9709	735	0.0155	8.1855
450	0.9559	505.7206	595	0.4046	214.0306	740	0.0132	6.9810
455	0.6772	358.2886	600	0.3848	203.5588	745	0.0109	5.7654
460	0.4503	238.2341	605	0.3638	192.4477	750	0.0093	4.9296
465	0.3253	172.1132	610	0.3411	180.4388	755	0.0080	4.2462
470	0.2216	117.2316	615	0.3174	167.9335	760	0.0079	4.1593
475	0.1588	84.0125	620	0.2928	154.8917	765	0.0059	3.1337
480	0.1288	68.1179	625	0.2691	142.3757	770	0.0046	2.4334
485	0.1190	62.9470	630	0.2440	129.0631	775	0.0055	2.9081
490	0.1280	67.7313	635	0.2212	117.0210	780	0.0041	2.1876
495	0.1575	83.3155	640	0.1995	105.5659	785	0.0041	2.1536
500	0.2025	107.1502	645	0.1785	94.4306	790	0.0032	1.6872
505	0.2526	133.6173	650	0.1596	84.4438	795	0.0036	1.9212
510	0.3038	160.7467	655	0.1410	74.5782	800	0.0042	2.2379
515	0.3481	184.1739	660	0.1252	66.2173			
520	0.3846	203.4878	665	0.1098	58.0809			

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 11:46:00  
 Inspector: