

Lightsource Test Report (1/2)

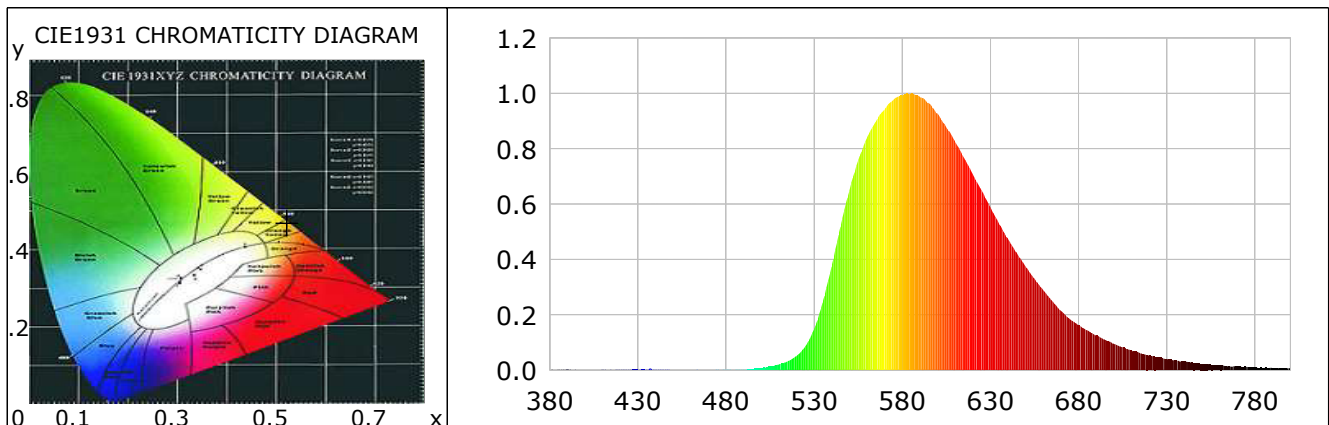
Product Infomation

Product Type: 48-30"-COMBO-A

Product Number: 48-30"-COMBO-A

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5227$ $y=0.4730$ $u(u')=0.2740$ $v=0.3719$ $v'=0.5579$
 CCT: $T_c=2405K$ ($duv=0.01709$) Color Ratio: $R=0.212$ $G=0.787$ $B=0.000$
 Peak Wavelength: 585.3nm Half Bandwidth: 93.3nm
 Dominant Wavelength: 581.9nm Color Purity: 0.990
 CRI: $R_a=40.3$ TM30: $R_f=13$, $R_g=19$
 $R_1=33$ $R_2=59$ $R_3=71$ $R_4=22$ $R_5=26$ $R_6=35$ $R_7=66$ $R_8=10$
 $R_9=-109$ $R_{10}=8$ $R_{11}=-9$ $R_{12}=-21$ $R_{13}=35$ $R_{14}=84$ $R_{15}=28$
 Color Quality Scale: $Q_a=0.4$, $Q_f=0.9$, $Q_p=0.0$, $Q_g=8.3$
 $Q_1=46$ $Q_2=14$ $Q_3=1$ $Q_4=3$ $Q_5=16$ $Q_6=33$ $Q_7=28$ $Q_8=3$
 $Q_9=0$ $Q_{10}=0$ $Q_{11}=0$ $Q_{12}=0$ $Q_{13}=0$ $Q_{14}=1$ $Q_{15}=39$



Photometric Parameters

Luminous Flux: 4260.33 lm
 EEI: 0.38

Efficiency: 35.38 lm/W

Radiant Power: 10.284 W

Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 12.79V

Current: 9.4100A

Power: 120.40W

Power Factor: 1.0000

Frequency: 0.00Hz

Test Infomation

Scan Range: 380~800:1nm

Stabilization Time: 20 Sec

Max of Signal: 44925 (3344)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 1.50m, 4T

CCD Integration Time: 101.70 ms

Condition: $T_x=31.4^{\circ}C$, $T_i=30.8^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2S (Plus)

Test Time: 2022-05-25 16:28:43

Inspector:

Lightsource Test Report (2/2)

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0006	0.0625	525	0.0866	8.8314	670	0.2148	21.9012
385	0.0022	0.2226	530	0.1500	15.2893	675	0.1846	18.8265
390	0.0041	0.4222	535	0.2486	25.3505	680	0.1617	16.4894
395	0.0014	0.1379	540	0.3795	38.6919	685	0.1439	14.6767
400	0.0007	0.0705	545	0.5235	53.3761	690	0.1260	12.8426
405	0.0011	0.1122	550	0.6487	66.1366	695	0.1108	11.2947
410	0.0017	0.1769	555	0.7600	77.4852	700	0.0949	9.6747
415	0.0012	0.1192	560	0.8407	85.7141	705	0.0829	8.4515
420	0.0021	0.2123	565	0.9003	91.7964	710	0.0719	7.3325
425	0.0017	0.1755	570	0.9442	96.2725	715	0.0620	6.3261
430	0.0029	0.2968	575	0.9773	99.6457	720	0.0529	5.3915
435	0.0022	0.2271	580	0.9928	101.2285	725	0.0464	4.7315
440	0.0015	0.1546	585	1.0000	101.9583	730	0.0407	4.1540
445	0.0020	0.2041	590	0.9872	100.6502	735	0.0353	3.6011
450	0.0008	0.0859	595	0.9642	98.3106	740	0.0302	3.0758
455	0.0012	0.1200	600	0.9268	94.4935	745	0.0276	2.8154
460	0.0009	0.0916	605	0.8774	89.4608	750	0.0228	2.3203
465	0.0009	0.0888	610	0.8250	84.1205	755	0.0207	2.1104
470	0.0017	0.1748	615	0.7673	78.2311	760	0.0188	1.9207
475	0.0012	0.1255	620	0.7074	72.1264	765	0.0136	1.3844
480	0.0015	0.1525	625	0.6486	66.1326	770	0.0118	1.2042
485	0.0014	0.1415	630	0.5884	59.9938	775	0.0130	1.3205
490	0.0026	0.2669	635	0.5282	53.8496	780	0.0093	0.9454
495	0.0042	0.4283	640	0.4745	48.3793	785	0.0071	0.7276
500	0.0076	0.7703	645	0.4221	43.0416	790	0.0073	0.7435
505	0.0134	1.3634	650	0.3729	38.0175	795	0.0060	0.6070
510	0.0210	2.1406	655	0.3288	33.5193	800	0.0068	0.6975
515	0.0329	3.3546	660	0.2888	29.4483			
520	0.0516	5.2594	665	0.2497	25.4639			

Condition: Tx:31.4'C, Ti:30.8'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2022-05-25 16:28:43
 Inspector: