

Lightsource Test Report (1/2)

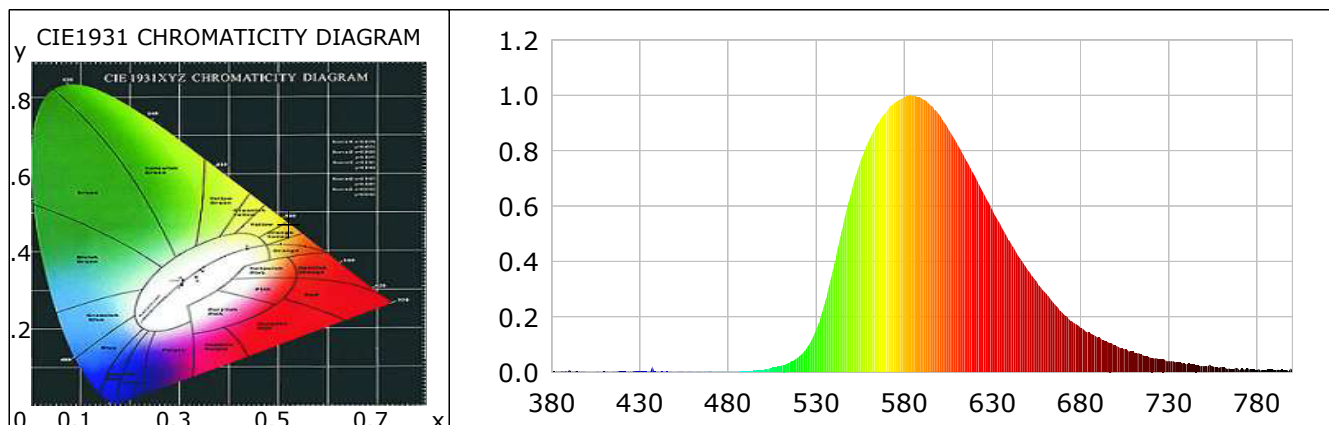
Product Information

Product Type: 48-12"-COMBO-A

Product Number: 48-12"-COMBO-A

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5218$ $y=0.4731$ $u(u')=0.2734$ $v=0.3719$ $v'=0.5578$
CCT: $T_c=2414K$ ($duv=0.01713$) Color Ratio: $R=0.212$ $G=0.788$ $B=0.000$
Peak Wavelength: 585.9nm Half Bandwidth: 93.3nm
Dominant Wavelength: 581.8nm Color Purity: 0.987
CRI: $R_a=41.6$ TM30: $R_f=18$, $R_g=25$
 $R1=33$ $R2=60$ $R3=75$ $R4=24$ $R5=27$ $R6=36$ $R7=68$ $R8=10$
 $R9=-110$ $R10=10$ $R11=-7$ $R12=-19$ $R13=36$ $R14=86$ $R15=28$
Color Quality Scale: $Q_a=0.7$, $Q_f=1.4$, $Q_p=0.0$, $Q_g=10.9$
 $Q1=49$ $Q2=19$ $Q3=3$ $Q4=5$ $Q5=18$ $Q6=34$ $Q7=30$ $Q8=5$
 $Q9=0$ $Q10=0$ $Q11=0$ $Q12=0$ $Q13=0$ $Q14=2$ $Q15=40$



Photometric Parameters

Luminous Flux: 1569.09 lm
EEI: 0.32

Efficiency: 42.64 lm/W

Radiant Power: 3.784 W

Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 12.79V
Power Factor: 1.0000

Current: 2.8800A
Frequency: 0.00Hz

Power: 36.80W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 45037 (3579)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 277.54 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	0.0011	0.0426	525	0.0905	3.3936	670	0.2122	7.9550
385	0.0016	0.0597	530	0.1543	5.7860	675	0.1838	6.8929
390	0.0088	0.3312	535	0.2529	9.4814	680	0.1592	5.9683
395	0.0026	0.0967	540	0.3844	14.4142	685	0.1423	5.3359
400	0.0006	0.0211	545	0.5270	19.7614	690	0.1237	4.6381
405	0.0017	0.0646	550	0.6520	24.4471	695	0.1106	4.1483
410	0.0031	0.1147	555	0.7602	28.5029	700	0.0949	3.5591
415	0.0022	0.0816	560	0.8385	31.4409	705	0.0830	3.1139
420	0.0028	0.1047	565	0.8999	33.7399	710	0.0739	2.7716
425	0.0020	0.0762	570	0.9430	35.3555	715	0.0629	2.3575
430	0.0047	0.1775	575	0.9760	36.5944	720	0.0513	1.9236
435	0.0022	0.0820	580	0.9936	37.2530	725	0.0473	1.7726
440	0.0017	0.0644	585	0.9973	37.3939	730	0.0411	1.5416
445	0.0024	0.0886	590	0.9882	37.0528	735	0.0348	1.3038
450	0.0011	0.0407	595	0.9636	36.1300	740	0.0282	1.0567
455	0.0012	0.0445	600	0.9276	34.7811	745	0.0269	1.0070
460	0.0017	0.0625	605	0.8770	32.8816	750	0.0211	0.7900
465	0.0009	0.0341	610	0.8239	30.8919	755	0.0209	0.7836
470	0.0035	0.1312	615	0.7661	28.7251	760	0.0204	0.7663
475	0.0020	0.0738	620	0.7084	26.5603	765	0.0109	0.4091
480	0.0021	0.0802	625	0.6459	24.2184	770	0.0081	0.3030
485	0.0021	0.0794	630	0.5849	21.9298	775	0.0143	0.5365
490	0.0041	0.1526	635	0.5274	19.7760	780	0.0073	0.2726
495	0.0056	0.2084	640	0.4716	17.6825	785	0.0063	0.2372
500	0.0089	0.3333	645	0.4162	15.6039	790	0.0071	0.2675
505	0.0153	0.5737	650	0.3680	13.7966	795	0.0081	0.3054
510	0.0234	0.8786	655	0.3273	12.2708	800	0.0076	0.2857
515	0.0356	1.3343	660	0.2873	10.7710			
520	0.0553	2.0737	665	0.2484	9.3121			

Condition: Tx:31.5°C, Ti:30.7°C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-05-25 16:33:46
Inspector: