

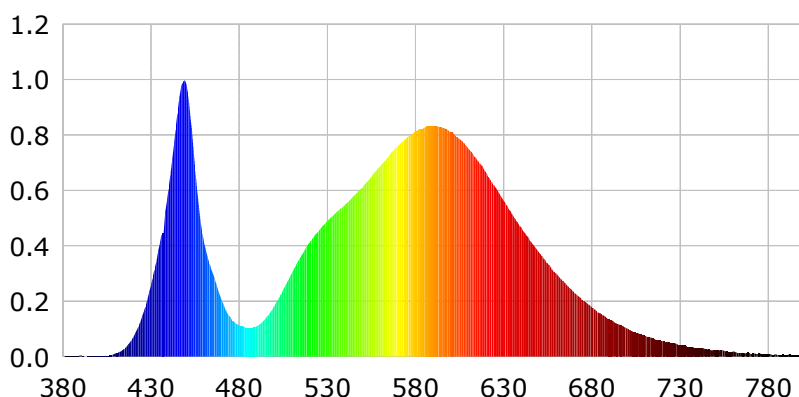
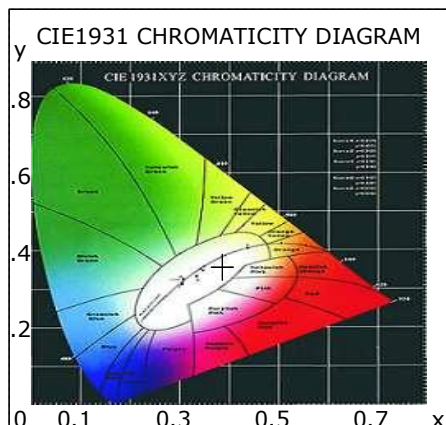
Lightsource Test Report (1/2)

Product Information

Product Type: 54-10-D-WA-WHITE&AMBER Product Number: 54-10-D-WA-WHITE&AMBER

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3873$ $y=0.3608$ $u(u')=0.2363$ $v=0.3303$ $v'=0.4954$
 CCT: $T_c=3681K$ ($duv=-0.00954$) Color Ratio: $R=0.188$ $G=0.787$ $B=0.025$
 Peak Wavelength: 448.8nm Half Bandwidth: 20.1nm
 Dominant Wavelength: 586.4nm Color Purity: 0.245
 CRI: $R_a=74.3$ TM30: $R_f=69$, $R_g=97$
 $R1=73$ $R2=82$ $R3=88$ $R4=72$ $R5=72$ $R6=74$ $R7=79$ $R8=54$
 $R9=-16$ $R10=57$ $R11=67$ $R12=52$ $R13=74$ $R14=93$ $R15=69$
 Color Quality Scale: $Q_a=70.9$, $Q_f=69.2$, $Q_p=75.8$, $Q_g=94.5$
 $Q1=75$ $Q2=94$ $Q3=62$ $Q4=58$ $Q5=69$ $Q6=72$ $Q7=73$ $Q8=81$
 $Q9=93$ $Q10=75$ $Q11=69$ $Q12=67$ $Q13=70$ $Q14=63$ $Q15=68$



Photometric Parameters

Luminous Flux: 2161.65 lm Efficiency: 60.55 lm/W Radiant Power: 6.564 W
 EEI: 0.22 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 12.80V Current: 2.7900A Power: 35.70W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 20 Sec
 Max of Signal: 45317 (3139)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4π
 CCD Integration Time: 211.99 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	0.0008	0.0388	525	0.4551	22.5188	670	0.2314	11.4504
385	0.0017	0.0862	530	0.4906	24.2743	675	0.2032	10.0533
390	0.0067	0.3328	535	0.5205	25.7533	680	0.1771	8.7610
395	0.0024	0.1186	540	0.5498	27.2031	685	0.1553	7.6842
400	0.0012	0.0583	545	0.5816	28.7779	690	0.1347	6.6649
405	0.0039	0.1943	550	0.6109	30.2249	695	0.1183	5.8513
410	0.0131	0.6477	555	0.6526	32.2918	700	0.1028	5.0860
415	0.0300	1.4836	560	0.6890	34.0894	705	0.0874	4.3231
420	0.0726	3.5931	565	0.7273	35.9856	710	0.0769	3.8037
425	0.1476	7.3007	570	0.7613	37.6668	715	0.0667	3.3010
430	0.2593	12.8278	575	0.7909	39.1312	720	0.0566	2.7994
435	0.4146	20.5117	580	0.8140	40.2732	725	0.0487	2.4120
440	0.6155	30.4536	585	0.8284	40.9897	730	0.0423	2.0913
445	0.8895	44.0084	590	0.8313	41.1309	735	0.0369	1.8278
450	0.9832	48.6458	595	0.8279	40.9617	740	0.0315	1.5597
455	0.6699	33.1458	600	0.8105	40.1016	745	0.0283	1.4017
460	0.4117	20.3684	605	0.7858	38.8808	750	0.0225	1.1139
465	0.3006	14.8715	610	0.7503	37.1226	755	0.0208	1.0311
470	0.2044	10.1130	615	0.7095	35.1033	760	0.0198	0.9795
475	0.1400	6.9249	620	0.6651	32.9061	765	0.0127	0.6298
480	0.1137	5.6261	625	0.6144	30.3975	770	0.0097	0.4815
485	0.1037	5.1320	630	0.5619	27.8007	775	0.0132	0.6529
490	0.1119	5.5353	635	0.5116	25.3117	780	0.0086	0.4246
495	0.1399	6.9215	640	0.4650	23.0051	785	0.0062	0.3069
500	0.1862	9.2122	645	0.4175	20.6569	790	0.0073	0.3591
505	0.2439	12.0693	650	0.3759	18.5972	795	0.0070	0.3472
510	0.3054	15.1085	655	0.3347	16.5581	800	0.0052	0.2597
515	0.3633	17.9748	660	0.2990	14.7961			
520	0.4144	20.5053	665	0.2633	13.0279			

Condition: Tx:28.1°C, Ti:27.0°C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-03-12 10:43:28
Inspector: