

Lightsource Test Report (1/2)

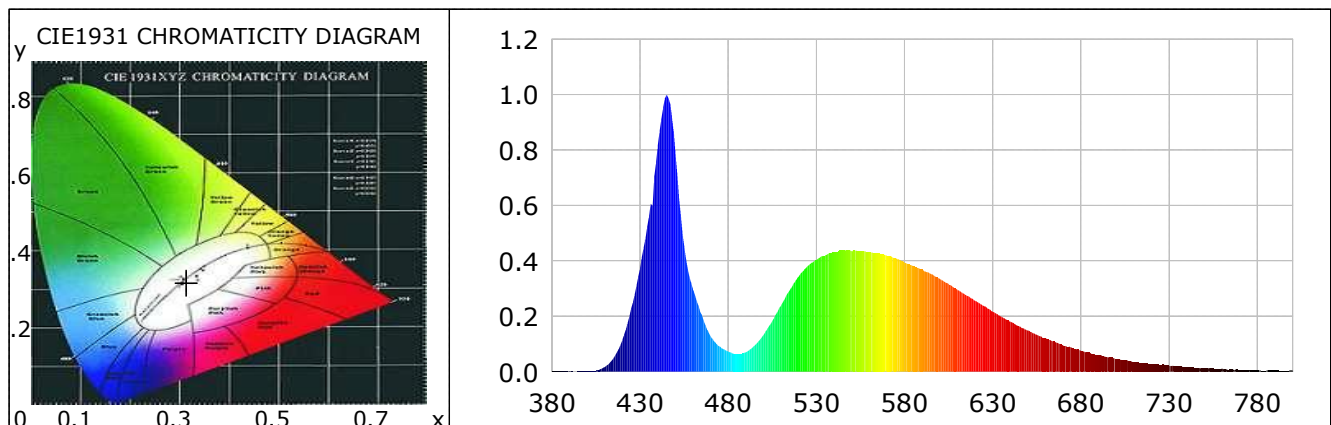
Product Information

Product Type: 54-60-D

Product Number: 54-60-D

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3140$ $y=0.3191$ $u(u')=0.2026$ $v=0.3087$ $v'=0.4631$
 CCT: $T_c=6510K$ ($duv=-0.00267$) Color Ratio: $R=0.127$ $G=0.840$ $B=0.033$
 Peak Wavelength: 445.0nm Half Bandwidth: 20.6nm
 Dominant Wavelength: 481.5nm Color Purity: 0.078
 CRI: $R_a=70.6$ TM30: $R_f=64$, $R_g=97$
 $R1=72$ $R2=72$ $R3=69$ $R4=73$ $R5=73$ $R6=63$ $R7=77$ $R8=66$
 $R9=-12$ $R10=31$ $R11=73$ $R12=41$ $R13=70$ $R14=82$ $R15=70$
 Color Quality Scale: $Q_a=69.0$, $Q_f=66.2$, $Q_p=76.0$, $Q_g=93.0$
 $Q1=83$ $Q2=89$ $Q3=57$ $Q4=53$ $Q5=68$ $Q6=73$ $Q7=77$ $Q8=89$
 $Q9=83$ $Q10=65$ $Q11=60$ $Q12=64$ $Q13=69$ $Q14=63$ $Q15=71$



Photometric Parameters

Luminous Flux: 2601.78 lm
EEI: 0.21

Efficiency: 65.09 lm/W

Radiant Power: 8.412 W

Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 12.81V
Power Factor: 1.0000

Current: 3.1200A
Frequency: 0.00Hz

Power: 39.97W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 20 Sec
Max of Signal: 45512 (3011)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4π
CCD Integration Time: 110.38 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	0.0013	0.1294	525	0.3816	38.8600	670	0.0959	9.7650
385	0.0024	0.2485	530	0.4046	41.1975	675	0.0853	8.6844
390	0.0040	0.4109	535	0.4202	42.7925	680	0.0761	7.7481
395	0.0018	0.1870	540	0.4322	44.0088	685	0.0682	6.9457
400	0.0018	0.1842	545	0.4383	44.6362	690	0.0603	6.1352
405	0.0057	0.5824	550	0.4347	44.2624	695	0.0541	5.5072
410	0.0184	1.8689	555	0.4354	44.3332	700	0.0472	4.8017
415	0.0508	5.1692	560	0.4314	43.9267	705	0.0418	4.2555
420	0.1164	11.8505	565	0.4260	43.3802	710	0.0366	3.7265
425	0.2290	23.3214	570	0.4189	42.6569	715	0.0320	3.2596
430	0.3755	38.2398	575	0.4082	41.5620	720	0.0279	2.8381
435	0.5641	57.4454	580	0.3948	40.2013	725	0.0247	2.5120
440	0.8184	83.3316	585	0.3815	38.8457	730	0.0225	2.2937
445	1.0000	101.8285	590	0.3679	37.4604	735	0.0191	1.9454
450	0.7867	80.1072	595	0.3527	35.9170	740	0.0170	1.7304
455	0.4470	45.5156	600	0.3346	34.0690	745	0.0147	1.4954
460	0.2963	30.1743	605	0.3153	32.1029	750	0.0126	1.2802
465	0.2024	20.6058	610	0.2950	30.0402	755	0.0117	1.1951
470	0.1267	12.9014	615	0.2756	28.0633	760	0.0119	1.2079
475	0.0909	9.2563	620	0.2560	26.0664	765	0.0082	0.8361
480	0.0732	7.4541	625	0.2373	24.1675	770	0.0071	0.7238
485	0.0641	6.5297	630	0.2164	22.0345	775	0.0080	0.8127
490	0.0713	7.2641	635	0.1980	20.1651	780	0.0058	0.5884
495	0.0953	9.7045	640	0.1809	18.4243	785	0.0046	0.4652
500	0.1347	13.7141	645	0.1642	16.7164	790	0.0049	0.4999
505	0.1846	18.7967	650	0.1483	15.1033	795	0.0044	0.4458
510	0.2414	24.5785	655	0.1330	13.5432	800	0.0037	0.3811
515	0.2966	30.2050	660	0.1213	12.3544			
520	0.3464	35.2721	665	0.1085	11.0436			

Condition: Tx:27.9°C, Ti:26.9°C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-03-12 10:24:15
Inspector: