

Lightsource Test Report (1/2)

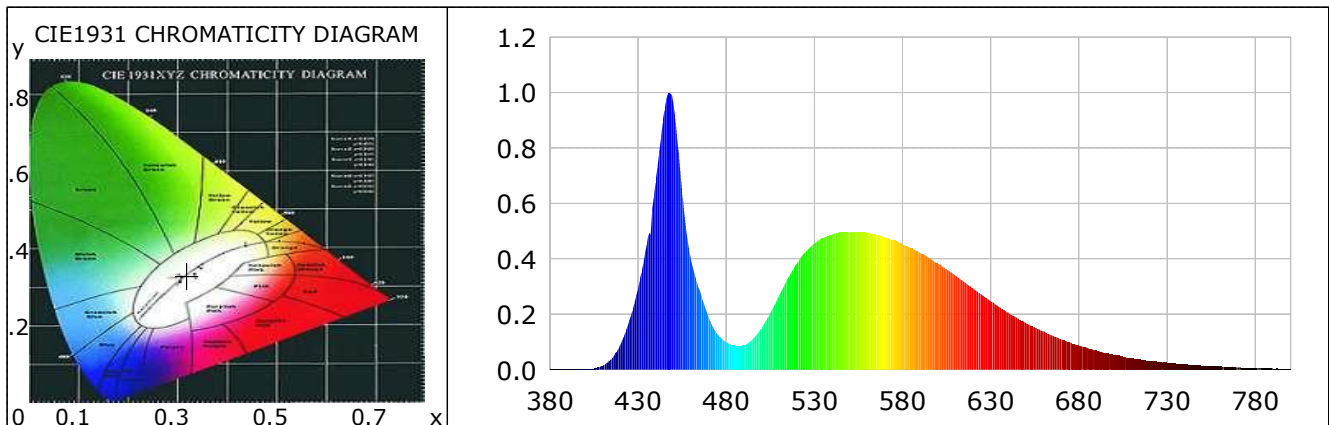
Product Infomation

Product Type: 54-30-D

Product Number: 54-30-D

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3195$ $y=0.3303$ $u(u')=0.2020$ $v=0.3134$ $v'=0.4700$
 CCT: $T_c=6140K$ ($duv=0.00053$) Color Ratio: $R=0.127$ $G=0.838$ $B=0.034$
 Peak Wavelength: 447.5nm Half Bandwidth: 20.1nm
 Dominant Wavelength: 488.9nm Color Purity: 0.049
 CRI: $R_a=71.3$ TM30: $R_f=67$, $R_g=95$
 $R1=71$ $R2=74$ $R3=74$ $R4=73$ $R5=71$ $R6=64$ $R7=80$ $R8=63$
 $R9=-19$ $R10=36$ $R11=70$ $R12=40$ $R13=70$ $R14=85$ $R15=68$
 Color Quality Scale: $Q_a=69.7$, $Q_f=68.0$, $Q_p=74.5$, $Q_g=91.2$
 $Q1=82$ $Q2=91$ $Q3=60$ $Q4=54$ $Q5=67$ $Q6=72$ $Q7=76$ $Q8=87$
 $Q9=86$ $Q10=69$ $Q11=63$ $Q12=66$ $Q13=70$ $Q14=61$ $Q15=70$



Photometric Parameters

Luminous Flux: 8912.56 lm
 EEI: 0.26

Efficiency: 51.46 lm/W
 Energy Efficiency Class: B (EU 874-2012)

Radiant Power: 28.042 W

Electric Parameters

Voltage: 12.81V
 Power Factor: 1.0000

Current: 13.5200A
 Frequency: 0.00Hz

Power: 173.19W

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 20 Sec
 Max of Signal: 45063 (2994)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4T
 CCD Integration Time: 34.29 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	0.0021	0.6334	525	0.4271	130.7993	670	0.1100	33.6958
385	0.0018	0.5382	530	0.4563	139.7280	675	0.0987	30.2331
390	0.0026	0.7823	535	0.4752	145.5305	680	0.0877	26.8410
395	0.0016	0.5044	540	0.4890	149.7371	685	0.0777	23.7863
400	0.0021	0.6389	545	0.4962	151.9492	690	0.0689	21.0950
405	0.0057	1.7329	550	0.4938	151.2146	695	0.0613	18.7600
410	0.0153	4.6868	555	0.4988	152.7568	700	0.0536	16.4216
415	0.0403	12.3531	560	0.4936	151.1453	705	0.0476	14.5767
420	0.0916	28.0611	565	0.4884	149.5747	710	0.0417	12.7706
425	0.1778	54.4537	570	0.4783	146.4590	715	0.0370	11.3449
430	0.2931	89.7415	575	0.4680	143.3056	720	0.0329	10.0699
435	0.4591	140.5742	580	0.4528	138.6468	725	0.0289	8.8484
440	0.6860	210.0813	585	0.4391	134.4685	730	0.0254	7.7897
445	0.9456	289.5591	590	0.4214	129.0349	735	0.0226	6.9222
450	0.9587	293.5861	595	0.4034	123.5332	740	0.0196	5.9872
455	0.6331	193.8574	600	0.3840	117.5901	745	0.0179	5.4788
460	0.3948	120.9114	605	0.3627	111.0652	750	0.0148	4.5237
465	0.2833	86.7687	610	0.3391	103.8503	755	0.0138	4.2381
470	0.1879	57.5551	615	0.3159	96.7440	760	0.0126	3.8460
475	0.1280	39.2062	620	0.2924	89.5298	765	0.0109	3.3516
480	0.1000	30.6122	625	0.2698	82.6222	770	0.0074	2.2510
485	0.0873	26.7201	630	0.2466	75.5172	775	0.0085	2.6006
490	0.0889	27.2149	635	0.2248	68.8476	780	0.0062	1.9098
495	0.1110	33.9913	640	0.2058	63.0070	785	0.0061	1.8826
500	0.1514	46.3602	645	0.1863	57.0544	790	0.0041	1.2461
505	0.2052	62.8525	650	0.1685	51.6080	795	0.0047	1.4243
510	0.2690	82.3768	655	0.1522	46.6003	800	0.0042	1.2709
515	0.3313	101.4654	660	0.1379	42.2358			
520	0.3852	117.9643	665	0.1237	37.8709			

Condition: Tx:28.8°C, Ti:27.9°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2022-03-12 11:36:30
 Inspector: