

Lightsource Test Report (1/2)

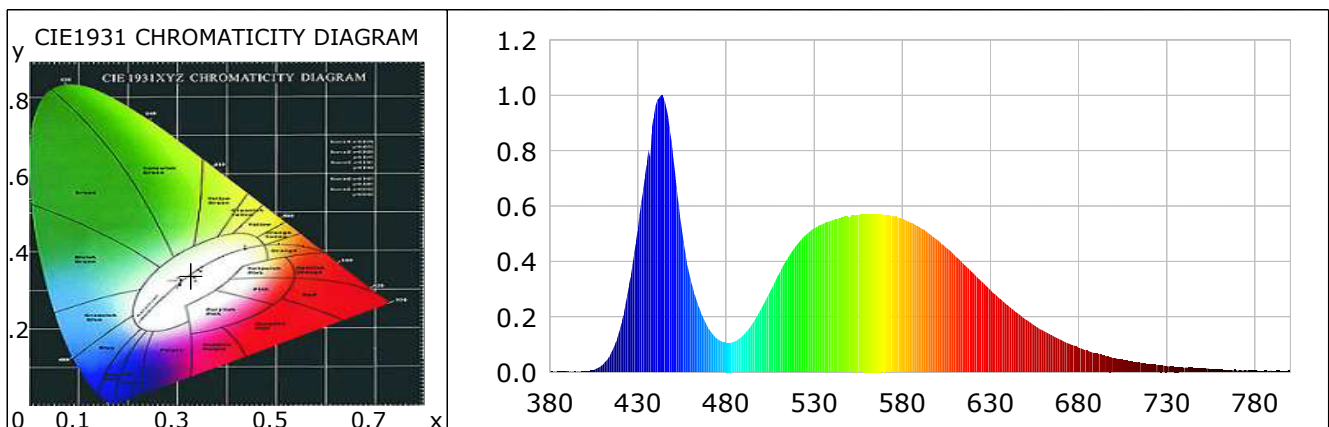
Product Infomation

Product Type: 3024

Product Number: 3024-01

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3273$ $y=0.3385$ $u(u')=0.2044$ $v=0.3170$ $v'=0.4755$
 CCT: $T_c=5732K$ ($duv=0.00100$) Color Ratio: $R=0.131$ $G=0.836$ $B=0.032$
 Peak Wavelength: 443.5nm Half Bandwidth: 25.6nm
 Dominant Wavelength: 503.4nm Color Purity: 0.018
 CRI: $R_a=71.1$ TM30: $R_f=67$, $R_g=97$
 $R1=70$ $R2=74$ $R3=76$ $R4=73$ $R5=72$ $R6=66$ $R7=78$ $R8=60$
 $R9=-28$ $R10=38$ $R11=73$ $R12=48$ $R13=69$ $R14=86$ $R15=65$
 Color Quality Scale: $Q_a=71.0$, $Q_f=69.5$, $Q_p=75.5$, $Q_g=91.7$
 $Q1=79$ $Q2=91$ $Q3=63$ $Q4=61$ $Q5=71$ $Q6=73$ $Q7=77$ $Q8=87$
 $Q9=88$ $Q10=70$ $Q11=66$ $Q12=67$ $Q13=70$ $Q14=59$ $Q15=67$



Photometric Parameters

Luminous Flux: 4104.22 lm
 EEI: 0.15

Efficiency: 93.30 lm/W

Radiant Power: 12.718 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 12.75V
 Power Factor: 1.0000

Current: 3.4500A
 Frequency: 0.00Hz

Power: 43.99W

Test Infomation

Scan Range: 380~800:1nm
 Stabilization Time: 20 Sec
 Max of Signal: 44574 (3627)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4T
 CCD Integration Time: 94.73 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	0.0017	0.2070	525	0.4942	58.9189	670	0.1169	13.9332
385	0.0028	0.3353	530	0.5197	61.9496	675	0.1021	12.1760
390	0.0056	0.6625	535	0.5355	63.8380	680	0.0884	10.5363
395	0.0025	0.3008	540	0.5490	65.4488	685	0.0783	9.3374
400	0.0026	0.3121	545	0.5576	66.4728	690	0.0684	8.1491
405	0.0078	0.9323	550	0.5595	66.6930	695	0.0591	7.0457
410	0.0275	3.2741	555	0.5686	67.7798	700	0.0509	6.0620
415	0.0707	8.4252	560	0.5717	68.1536	705	0.0454	5.4118
420	0.1587	18.9210	565	0.5722	68.2138	710	0.0392	4.6679
425	0.3150	37.5553	570	0.5677	67.6732	715	0.0347	4.1355
430	0.5187	61.8404	575	0.5632	67.1449	720	0.0291	3.4644
435	0.7577	90.3323	580	0.5526	65.8704	725	0.0252	3.0013
440	0.9617	114.6477	585	0.5409	64.4815	730	0.0223	2.6545
445	0.9846	117.3762	590	0.5224	62.2766	735	0.0195	2.3202
450	0.7794	92.9145	595	0.5016	59.7976	740	0.0161	1.9196
455	0.5093	60.7110	600	0.4773	56.8986	745	0.0151	1.7980
460	0.3315	39.5136	605	0.4492	53.5556	750	0.0124	1.4786
465	0.2287	27.2624	610	0.4207	50.1506	755	0.0107	1.2761
470	0.1585	18.8903	615	0.3895	46.4349	760	0.0101	1.2091
475	0.1212	14.4481	620	0.3594	42.8418	765	0.0062	0.7353
480	0.1065	12.7018	625	0.3283	39.1317	770	0.0052	0.6238
485	0.1118	13.3333	630	0.2964	35.3297	775	0.0083	0.9928
490	0.1355	16.1555	635	0.2674	31.8740	780	0.0050	0.5989
495	0.1764	21.0321	640	0.2406	28.6805	785	0.0046	0.5519
500	0.2309	27.5204	645	0.2148	25.6064	790	0.0046	0.5439
505	0.2916	34.7579	650	0.1902	22.6773	795	0.0046	0.5505
510	0.3557	42.4061	655	0.1688	20.1191	800	0.0049	0.5847
515	0.4127	49.1949	660	0.1499	17.8703			
520	0.4593	54.7540	665	0.1330	15.8590			

Condition: Tx:34.4'C, Ti:34.9'C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-09-09 17:20:15
 Inspector: