

Lightsource Test Report (1/2)

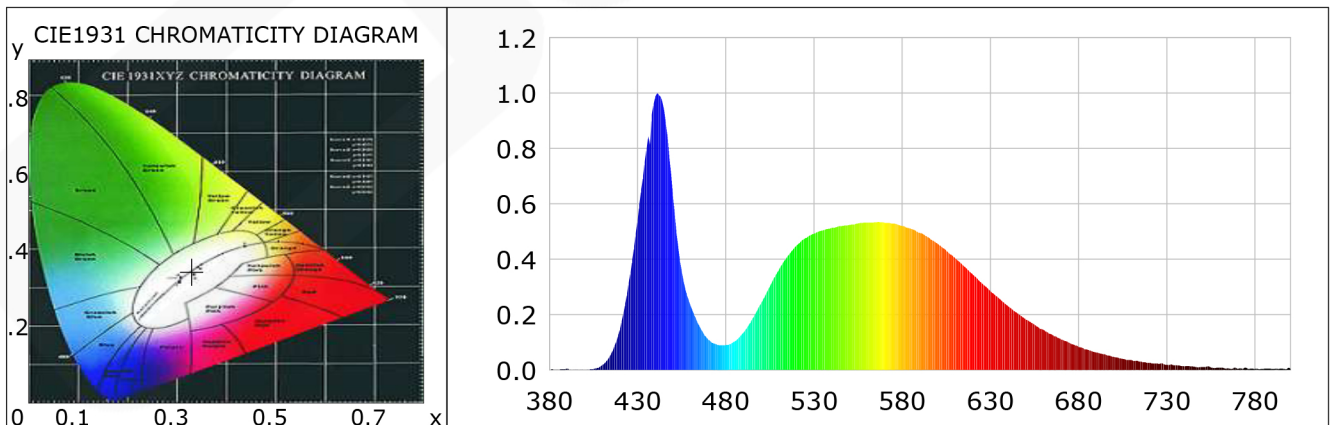
Product Information

Product Type: 3012-18W聚光

Product Number: 74

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3303$ $y=0.3432$ $u(u')=0.2046$ $v=0.3189$ $v'=0.4783$
 CCT: $T_c=5596K$ ($duv=0.00208$) Color Ratio: $R=0.133$ $G=0.836$ $B=0.031$
 Peak Wavelength: 441.2nm Half Bandwidth: 22.8nm
 Dominant Wavelength: 535.7nm Color Purity: 0.022
 CRI: $R_a=71.1$ TM30: $R_f=67$, $R_g=98$
 $R_1=70$ $R_2=73$ $R_3=77$ $R_4=73$ $R_5=72$ $R_6=67$ $R_7=77$ $R_8=59$
 $R_9=-28$ $R_{10}=38$ $R_{11}=75$ $R_{12}=50$ $R_{13}=69$ $R_{14}=87$ $R_{15}=64$
 Color Quality Scale: $Q_a=72.1$, $Q_f=70.6$, $Q_p=76.7$, $Q_g=92.4$
 $Q_1=78$ $Q_2=90$ $Q_3=65$ $Q_4=65$ $Q_5=73$ $Q_6=74$ $Q_7=77$ $Q_8=87$
 $Q_9=89$ $Q_{10}=71$ $Q_{11}=68$ $Q_{12}=69$ $Q_{13}=72$ $Q_{14}=59$ $Q_{15}=67$



Photometric Parameters

Luminous Flux: 1883.24 lm
 EEI: 0.13

Efficiency: 107.61 lm/W
 Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 5.801 W

Electric Parameters

Voltage: 12.79V
 Power Factor: 0.0000

Current: 1.3700A
 Frequency: 0.00Hz

Power: 17.50W

Test Information

Scan Range: 380~800:1nm
 Stabilization Time: 20 Sec
 Max of Signal: 45721 (3377)

Photometric Method: sphere-spectroradiometer
 Photometric Condition: Sphere diameter: 1.50m, 4π
 CCD Integration Time: 206.21 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	0.0639	525	0.4761	27.5089	670	0.1120	6.4736
385	0.0020	0.1172	530	0.4934	28.5080	675	0.0973	5.6231
390	0.0068	0.3921	535	0.5047	29.1570	680	0.0840	4.8545
395	0.0019	0.1097	540	0.5138	29.6837	685	0.0744	4.2956
400	0.0011	0.0609	545	0.5197	30.0277	690	0.0638	3.6842
405	0.0038	0.2223	550	0.5243	30.2930	695	0.0567	3.2736
410	0.0187	1.0790	555	0.5305	30.6505	700	0.0485	2.8024
415	0.0583	3.3686	560	0.5324	30.7579	705	0.0413	2.3872
420	0.1485	8.5790	565	0.5339	30.8486	710	0.0364	2.1014
425	0.3149	18.1924	570	0.5325	30.7641	715	0.0319	1.8414
430	0.5405	31.2259	575	0.5289	30.5571	720	0.0260	1.5045
435	0.8000	46.2180	580	0.5209	30.0933	725	0.0236	1.3619
440	0.9864	56.9877	585	0.5102	29.4741	730	0.0207	1.1967
445	0.9350	54.0203	590	0.4959	28.6508	735	0.0192	1.1097
450	0.6282	36.2965	595	0.4791	27.6779	740	0.0131	0.7547
455	0.3531	20.4012	600	0.4560	26.3450	745	0.0134	0.7719
460	0.2330	13.4618	605	0.4309	24.8966	750	0.0110	0.6363
465	0.1585	9.1570	610	0.4044	23.3653	755	0.0088	0.5083
470	0.1110	6.4106	615	0.3754	21.6863	760	0.0091	0.5241
475	0.0925	5.3428	620	0.3447	19.9137	765	0.0062	0.3559
480	0.0903	5.2170	625	0.3152	18.2122	770	0.0042	0.2415
485	0.1039	6.0040	630	0.2840	16.4079	775	0.0088	0.5061
490	0.1361	7.8641	635	0.2586	14.9400	780	0.0043	0.2466
495	0.1844	10.6556	640	0.2311	13.3509	785	0.0050	0.2869
500	0.2415	13.9514	645	0.2069	11.9528	790	0.0043	0.2498
505	0.3024	17.4710	650	0.1835	10.6020	795	0.0055	0.3193
510	0.3617	20.8968	655	0.1640	9.4771	800	0.0045	0.2579
515	0.4112	23.7571	660	0.1457	8.4173			
520	0.4494	25.9648	665	0.1274	7.3597			

Condition: Tx:30.6°C, Ti:29.3°C, R.H.:60%
 Test Lab:
 Operator:

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2020-10-16 14:00:33
 Inspector: