

## Lightsource Test Report (1/2)

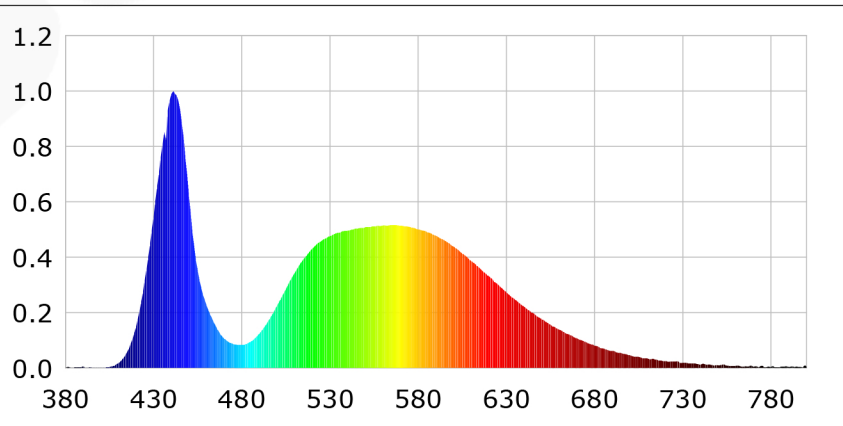
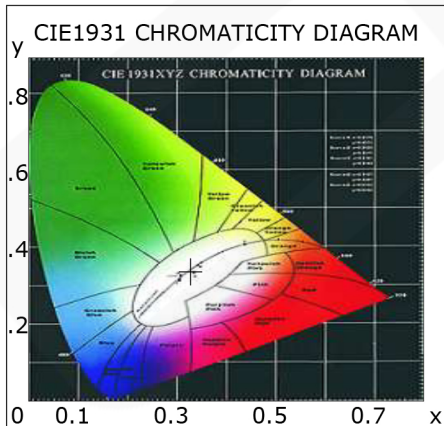
### Product Information

Product Type: 3012-18W泛光

Product Number: 76

### CIE Colorimetric Parameters

Chromaticity coordinates:  $x=0.3283$   $y=0.3394$   $u(u')=0.2047$   $v=0.3174$   $v'=0.4761$   
 CCT:  $T_c=5688K$  ( $duv=0.00103$ ) Color Ratio:  $R=0.133$   $G=0.837$   $B=0.031$   
 Peak Wavelength: 441.1nm Half Bandwidth: 22.7nm  
 Dominant Wavelength: 508.7nm Color Purity: 0.015  
 CRI:  $R_a=70.9$  TM30:  $R_f=66$ ,  $R_g=98$   
 $R1=71$   $R2=73$   $R3=75$   $R4=73$   $R5=72$   $R6=66$   $R7=76$   $R8=60$   
 $R9=-26$   $R10=37$   $R11=75$   $R12=49$   $R13=69$   $R14=86$   $R15=64$   
 Color Quality Scale:  $Q_a=71.6$ ,  $Q_f=69.8$ ,  $Q_p=76.7$ ,  $Q_g=92.7$   
 $Q1=78$   $Q2=90$   $Q3=64$   $Q4=64$   $Q5=73$   $Q6=74$   $Q7=77$   $Q8=88$   
 $Q9=88$   $Q10=70$   $Q11=66$   $Q12=68$   $Q13=71$   $Q14=59$   $Q15=67$



### Photometric Parameters

Luminous Flux: 1434.69 lm  
 EEI: 0.17

Efficiency: 81.98 lm/W  
 Energy Efficiency Class: A+ (EU 874-2012)

Radiant Power: 4.449 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: 45765 (3442)

Photometric Method: sphere-spectroradiometer  
 Photometric Condition: Sphere diameter: 1.50m, 4π  
 CCD Integration Time: 262.14 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	0.0016	0.0709	525	0.4586	20.9391	670	0.1077	4.9161
385	0.0026	0.1200	530	0.4771	21.7819	675	0.0937	4.2787
390	0.0079	0.3591	535	0.4888	22.3148	680	0.0800	3.6537
395	0.0023	0.1032	540	0.4965	22.6666	685	0.0714	3.2608
400	0.0016	0.0749	545	0.5036	22.9927	690	0.0616	2.8122
405	0.0039	0.1767	550	0.5095	23.2587	695	0.0546	2.4930
410	0.0180	0.8199	555	0.5119	23.3720	700	0.0465	2.1231
415	0.0586	2.6762	560	0.5149	23.5070	705	0.0405	1.8501
420	0.1485	6.7798	565	0.5165	23.5824	710	0.0358	1.6333
425	0.3164	14.4465	570	0.5135	23.4413	715	0.0315	1.4399
430	0.5460	24.9253	575	0.5103	23.2970	720	0.0251	1.1461
435	0.8085	36.9124	580	0.5013	22.8858	725	0.0235	1.0736
440	0.9894	45.1700	585	0.4906	22.3963	730	0.0206	0.9384
445	0.9291	42.4184	590	0.4776	21.8062	735	0.0181	0.8249
450	0.6205	28.3279	595	0.4603	21.0130	740	0.0126	0.5761
455	0.3485	15.9106	600	0.4392	20.0491	745	0.0139	0.6367
460	0.2258	10.3099	605	0.4131	18.8620	750	0.0102	0.4675
465	0.1538	7.0203	610	0.3867	17.6540	755	0.0088	0.4011
470	0.1071	4.8880	615	0.3595	16.4147	760	0.0090	0.4113
475	0.0877	4.0033	620	0.3320	15.1560	765	0.0063	0.2890
480	0.0837	3.8219	625	0.3029	13.8306	770	0.0042	0.1925
485	0.0953	4.3517	630	0.2734	12.4824	775	0.0096	0.4390
490	0.1255	5.7309	635	0.2468	11.2668	780	0.0036	0.1641
495	0.1703	7.7752	640	0.2224	10.1554	785	0.0044	0.1995
500	0.2261	10.3219	645	0.1989	9.0797	790	0.0045	0.2033
505	0.2859	13.0535	650	0.1766	8.0608	795	0.0050	0.2291
510	0.3446	15.7343	655	0.1570	7.1673	800	0.0055	0.2529
515	0.3935	17.9666	660	0.1390	6.3464			
520	0.4316	19.7061	665	0.1234	5.6342			

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 14:03:28  
 Inspector: