

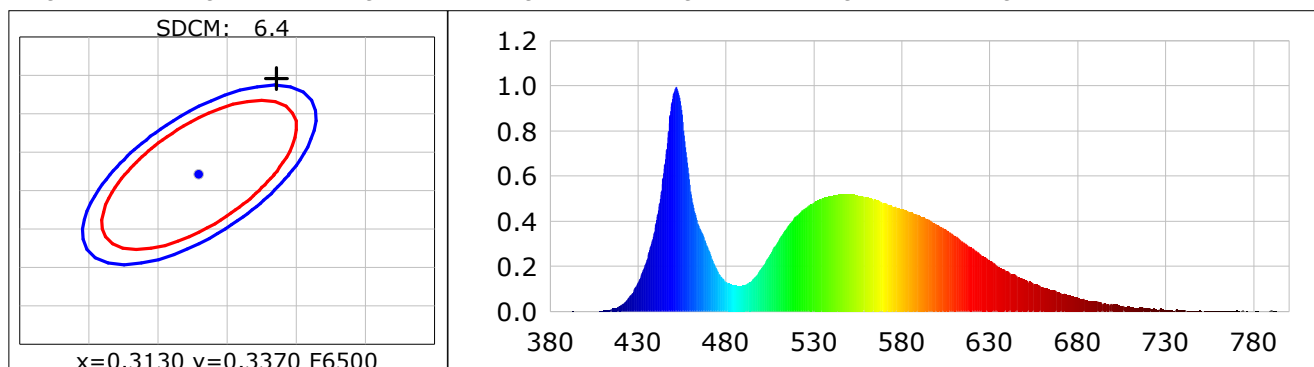
Lightsource Test Report (1/2)

Product Information

Product Category: SL1-3 (40% brightness function) Product Number: 130

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3186$ $y=0.3495$ $u(u')=0.1943$ $v=0.3198$ $v'=0.4797$
CCT: $T_c=6102K$ ($duv=0.01056$) Color Ratio: $R=0.119$ $G=0.843$ $B=0.039$
Peak Wavelength: 451.7nm Half Bandwidth: 18.5nm
Dominant Wavelength: 506.9nm Color Purity: 0.045
CRI: $R_a=71.0$ TM30: $R_f=73$, $R_g=91$
 $R1=67$ $R2=76$ $R3=81$ $R4=70$ $R5=68$ $R6=67$ $R7=83$ $R8=56$
 $R9=-43$ $R10=42$ $R11=66$ $R12=36$ $R13=68$ $R14=90$ $R15=61$
Color Quality Scale: $Q_a=71.5$, $Q_f=71.4$, $Q_p=72.1$, $Q_g=86.0$
 $Q1=79$ $Q2=96$ $Q3=67$ $Q4=59$ $Q5=67$ $Q6=70$ $Q7=74$ $Q8=84$
 $Q9=93$ $Q10=77$ $Q11=72$ $Q12=73$ $Q13=73$ $Q14=56$ $Q15=65$



Photometric Parameters

Luminous Flux: 1406.17 lm Efficiency: 131.78 lm/W Radiant Power: 4.145 W
EEI: 0.10 Energy Efficiency Class: A++ (EU 874-2012)

Electric Parameters

Voltage: 13.500V Current: 0.7905A Power: 10.67W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec
Max of Signal: 45481 (2843)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 270.95 ms

Lightsource Test Report (2/2)

Product Information

Product Category: SL1-3 (40% brightness function) Product Number: 130

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0004	0.0169	525	0.4606	21.3626	670	0.0865	4.0110
385	0.0008	0.0352	530	0.4877	22.6205	675	0.0753	3.4930
390	0.0013	0.0609	535	0.5055	23.4466	680	0.0650	3.0139
395	0.0012	0.0563	540	0.5156	23.9154	685	0.0532	2.4670
400	0.0019	0.0869	545	0.5224	24.2310	690	0.0486	2.2532
405	0.0020	0.0910	550	0.5208	24.1562	695	0.0398	1.8469
410	0.0061	0.2817	555	0.5181	24.0338	700	0.0336	1.5576
415	0.0155	0.7167	560	0.5094	23.6280	705	0.0265	1.2279
420	0.0310	1.4364	565	0.4989	23.1406	710	0.0234	1.0875
425	0.0690	3.2014	570	0.4855	22.5193	715	0.0207	0.9620
430	0.1353	6.2754	575	0.4679	21.7047	720	0.0194	0.8982
435	0.2382	11.0497	580	0.4558	21.1426	725	0.0138	0.6410
440	0.3927	18.2152	585	0.4431	20.5532	730	0.0100	0.4636
445	0.6581	30.5274	590	0.4269	19.7993	735	0.0057	0.2621
450	0.9719	45.0818	595	0.4117	19.0985	740	0.0089	0.4131
455	0.8793	40.7880	600	0.3883	18.0108	745	0.0044	0.2056
460	0.5371	24.9137	605	0.3664	16.9941	750	0.0061	0.2807
465	0.3757	17.4283	610	0.3401	15.7752	755	0.0063	0.2934
470	0.2808	13.0263	615	0.3117	14.4579	760	0.0043	0.1981
475	0.1861	8.6303	620	0.2854	13.2370	765	0.0047	0.2182
480	0.1347	6.2484	625	0.2546	11.8106	770	0.0077	0.3551
485	0.1181	5.4786	630	0.2283	10.5888	775	0.0020	0.0937
490	0.1178	5.4652	635	0.2014	9.3415	780	0.0008	0.0391
495	0.1444	6.6996	640	0.1825	8.4653	785	0.0024	0.1096
500	0.1933	8.9662	645	0.1617	7.5012	790	0.0089	0.4105
505	0.2556	11.8541	650	0.1432	6.6419	795	0.0027	0.1256
510	0.3220	14.9376	655	0.1260	5.8443	800	0.0029	0.1350
515	0.3794	17.5969	660	0.1111	5.1528			
520	0.4267	19.7919	665	0.0982	4.5540			

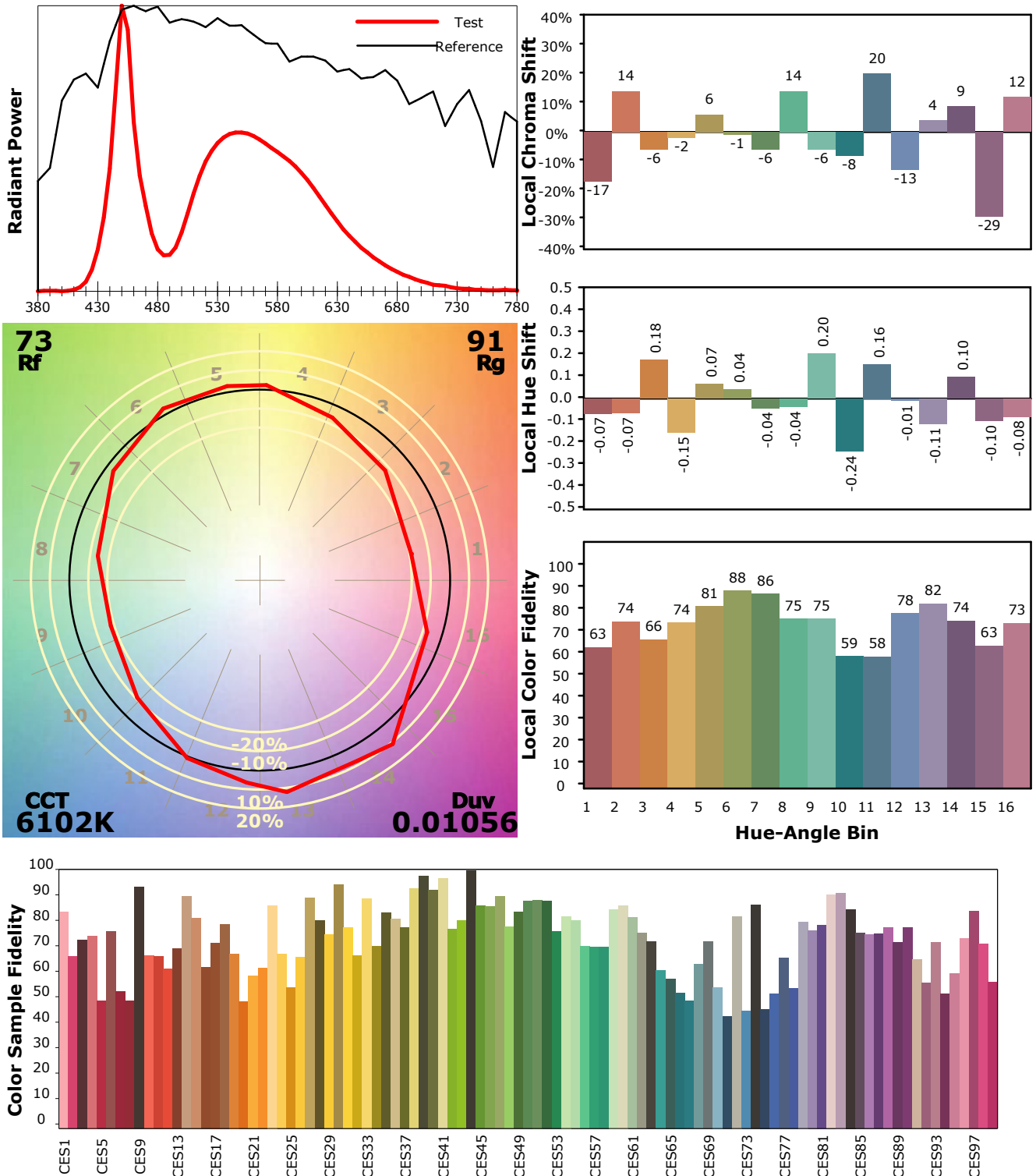
Condition: Tx:35.0'C, Ti:0.0'C, R.H.:60%
Test Lab: Optical Engineering Department
Operator: Chen

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-05-28 11:18:33
Inspector: Zheng

IES TM-30-18 Color Rendition Report

Product Information

Product Category: SL1-3 (40% brightness function) Product Number: 130



Condition: Tx:35.0°C, Ti:0.0°C, R.H.:60%
Test Lab: Optical Engineering Department
Operator: Chen

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-05-28 11:18:33
Inspector: Zheng