

Lightsource Test Report (1/2)

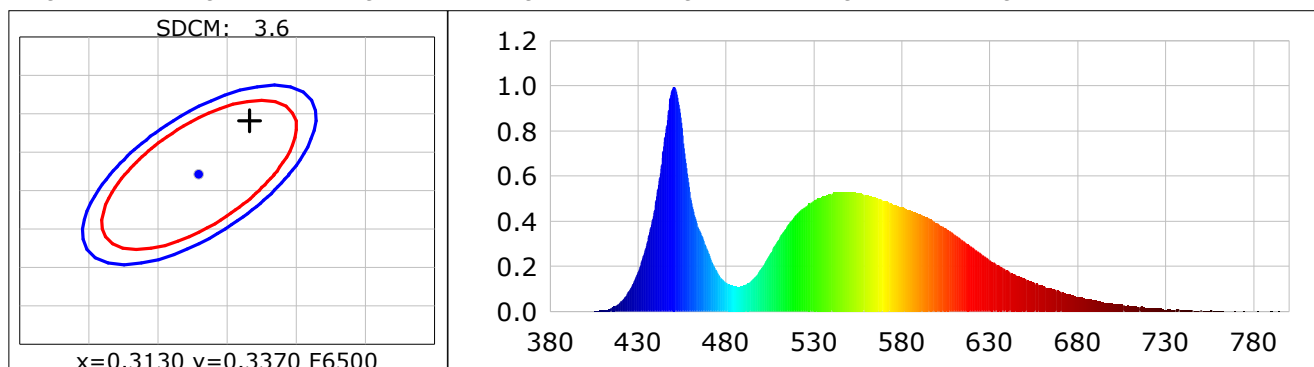
Product Information

Product Category: SL1-3 Full bright

Product Number: 129

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3166$ $y=0.3441$ $u(u')=0.1950$ $v=0.3178$ $v'=0.4767$
 CCT: $T_c=6216K$ ($duv=0.00882$) Color Ratio: $R=0.119$ $G=0.843$ $B=0.038$
 Peak Wavelength: 450.3nm Half Bandwidth: 20.1nm
 Dominant Wavelength: 500.2nm Color Purity: 0.051
 CRI: $R_a=70.9$ TM30: $R_f=73$, $R_g=91$
 R1 =67 R2 =75 R3 =80 R4 =71 R5 =68 R6 =66 R7 =82 R8 =57
 R9 =-41 R10=40 R11=67 R12=38 R13=68 R14=89 R15=62
 Color Quality Scale: $Q_a=71.2$, $Q_f=70.9$, $Q_p=72.7$, $Q_g=86.9$
 Q1 =80 Q2 =95 Q3 =66 Q4 =58 Q5 =67 Q6 =70 Q7 =75 Q8 =84
 Q9 =91 Q10=75 Q11=70 Q12=71 Q13=73 Q14=56 Q15=66



Photometric Parameters

Luminous Flux: 3030 lm
EEI: 0.12

Efficiency: 123.66 lm/W

Radiant Power: 8.166 W

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

Electric Parameters

Voltage: 13.500V
Power Factor: 1.0000

Current: 1.8030A
Frequency: 0.00Hz

Power: 24.34W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 Sec
Max of Signal: 50126 (2715)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 157.85 ms

Lightsource Test Report (2/2)

Product Information

Product Category: SL1-3 Full bright

Product Number: 129

WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)	WL(nm)	PL	PE(mW/nm)
380	0.0008	0.0696	525	0.4676	41.4717	670	0.0913	8.0994
385	0.0015	0.1370	530	0.4952	43.9208	675	0.0788	6.9872
390	0.0017	0.1477	535	0.5133	45.5241	680	0.0670	5.9453
395	0.0007	0.0585	540	0.5239	46.4691	685	0.0579	5.1388
400	0.0013	0.1151	545	0.5296	46.9698	690	0.0516	4.5740
405	0.0029	0.2580	550	0.5313	47.1222	695	0.0447	3.9624
410	0.0082	0.7237	555	0.5272	46.7629	700	0.0387	3.4291
415	0.0208	1.8481	560	0.5199	46.1114	705	0.0325	2.8784
420	0.0458	4.0652	565	0.5087	45.1204	710	0.0269	2.3883
425	0.0983	8.7144	570	0.4933	43.7529	715	0.0211	1.8749
430	0.1818	16.1238	575	0.4774	42.3439	720	0.0193	1.7161
435	0.3122	27.6930	580	0.4651	41.2492	725	0.0167	1.4776
440	0.4946	43.8697	585	0.4486	39.7851	730	0.0100	0.8909
445	0.7754	68.7694	590	0.4362	38.6844	735	0.0074	0.6582
450	1.0000	88.6937	595	0.4173	37.0077	740	0.0092	0.8158
455	0.8183	72.5813	600	0.3946	34.9993	745	0.0091	0.8031
460	0.5097	45.2031	605	0.3724	33.0282	750	0.0090	0.8022
465	0.3642	32.2992	610	0.3456	30.6560	755	0.0069	0.6143
470	0.2648	23.4852	615	0.3171	28.1213	760	0.0042	0.3685
475	0.1762	15.6288	620	0.2883	25.5707	765	0.0045	0.3962
480	0.1321	11.7124	625	0.2601	23.0712	770	0.0037	0.3271
485	0.1148	10.1861	630	0.2305	20.4435	775	0.0028	0.2518
490	0.1169	10.3643	635	0.2072	18.3760	780	0.0003	0.0286
495	0.1443	12.7976	640	0.1851	16.4131	785	0.0003	0.0278
500	0.1957	17.3611	645	0.1644	14.5789	790	0.0065	0.5792
505	0.2588	22.9553	650	0.1478	13.1112	795	0.0049	0.4306
510	0.3253	28.8536	655	0.1308	11.6018	800	0.0025	0.2237
515	0.3847	34.1223	660	0.1165	10.3365			
520	0.4322	38.3325	665	0.1034	9.1676			

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

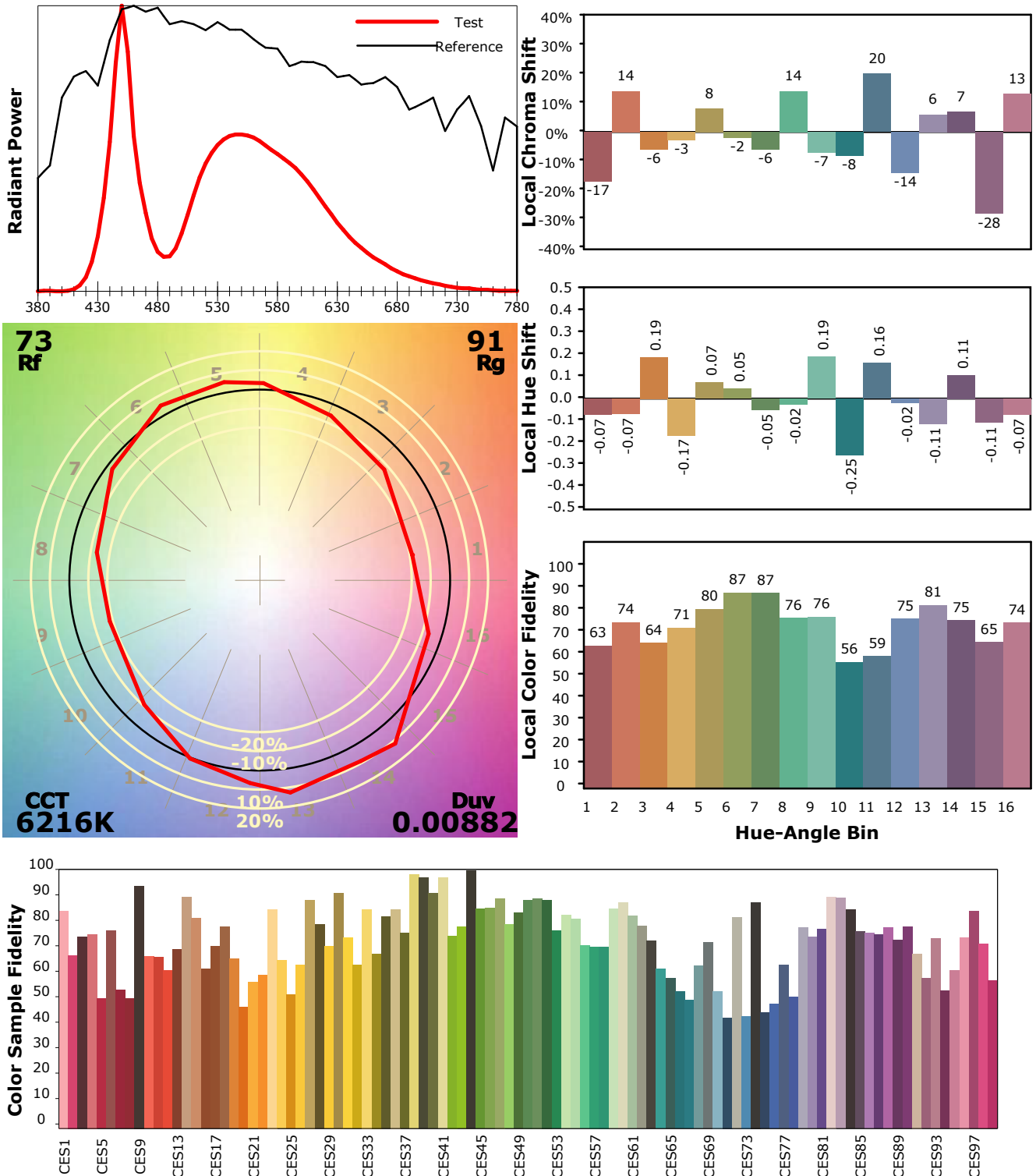
Test Device: Inventfine CMS-2S (Plus)
Test Time: 2022-05-26 08:47:30
Inspector: Zheng

IES TM-30-18 Color Rendition Report

Product Information

Product Category: SL1-3 Full bright

Product Number: 129



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: 2022-05-26 08:47:30
Inspector: Zheng