

Lightsource Test Report

Product Information

Product Category: Flexband
 Product Number: 111916

Product Spec: ID 38050

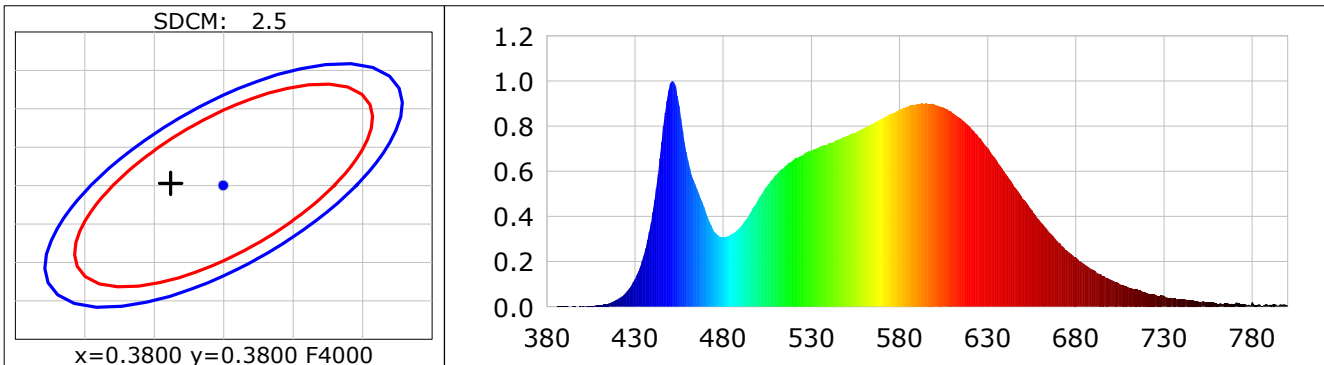
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3762$ $y=0.3803$ $u(u')=0.2209$ $v=0.3350$ $v'=0.5025$
 CCT: $T_c=4143K$ ($duv=0.00292$) Color Ratio: $R=0.179$ $G=0.782$ $B=0.038$
 Peak Wavelength: 451.2nm Half Bandwidth: 24.8nm
 Dominant Wavelength: 576.9nm Color Purity: 0.270
 CRI: $R_a=84.5$, $avgR(1\sim14)=78.1$, $avgR(1\sim15)=78.0$ TM30: $R_f=85$, $R_g=95$

R1 =83	R2 =90	R3 =95	R4 =84	R5 =83	R6 =86	R7 =87	R8 =68
R9 =15	R10=76	R11=83	R12=62	R13=85	R14=98	R15=77	

 Color Quality Scale: $Q_a=84.7$, $Q_f=85.1$, $Q_p=83.7$, $Q_g=92.2$

Q1 =83	Q2 =98	Q3 =82	Q4 =79	Q5 =83	Q6 =85	Q7 =87	Q8 =90
Q9 =98	Q10=91	Q11=88	Q12=87	Q13=86	Q14=75	Q15=78	



Photometric Parameters

Luminous Flux: 1306.98 lm	Efficiency: 97.25 lm/W	Radiant Power: 3.969 W
EEI: 0.14	Energy Efficiency Class: A+ (EU 874-2012)	
Pupil Flux: 2019.89 Plm	Pupil Lumens Per Watt: 150.29 Plm/W	Pupil Factor (Kp): 1.545
Cirtpopic Flux: 4136.51 lm		
Mesopic Flux (CIE R.): 1616.00 lm ($L_p=0.100$ cd/m ² , $S/P=1.75$)		

Electric Parameters

Voltage: 24.000V	Current: 0.5600A	Power: 13.44W
Power Factor: 1.0000	Frequency: 0.00Hz	

Test Information

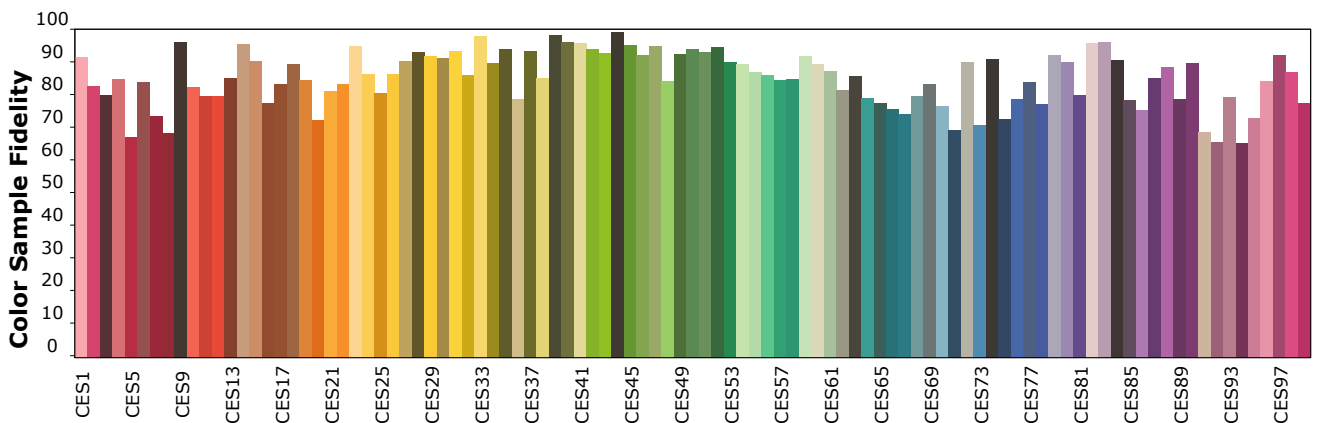
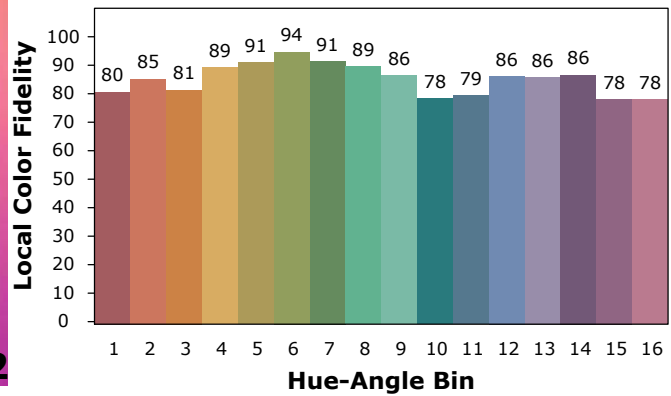
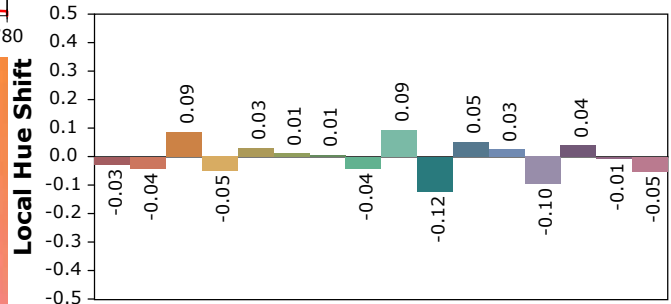
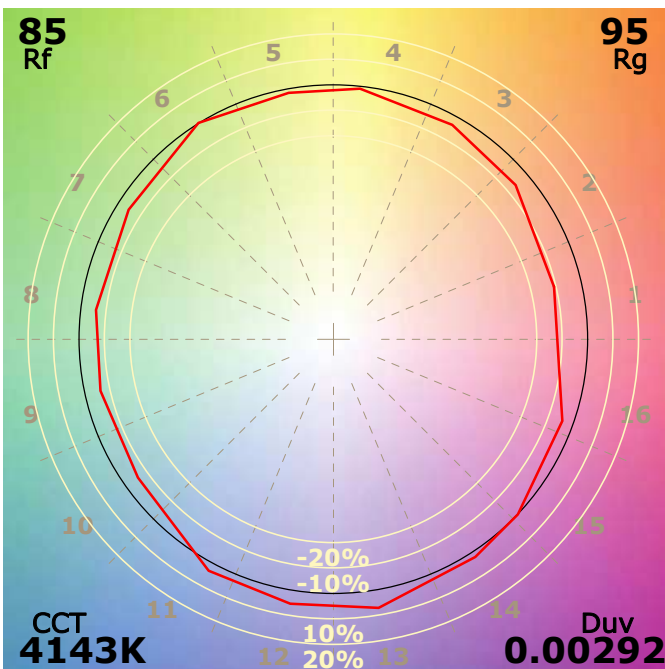
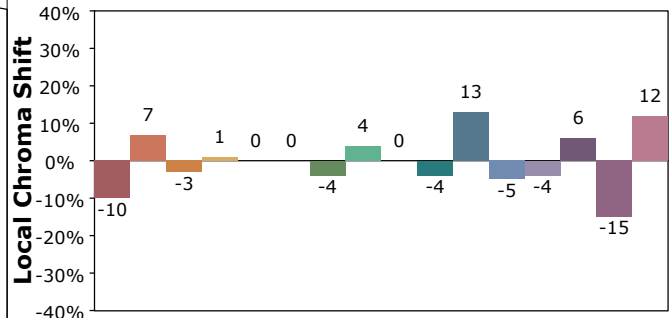
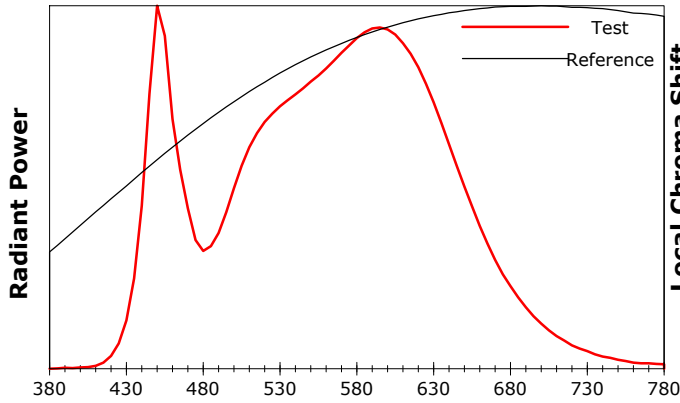
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 2 Min	Photometric Condition: Sphere diameter: 1.70m, 4PI
Max of Signal: 54032 (3350)	CCD Integration Time: 1387.23 ms

IES TM-30-18 Color Rendition Report

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Condition: Tx:24.4'C, Ti:24.1'C, R.H.:60%
Test Lab: FIAI - Egerbach 48
Operator: LEDANM

Test Device: Lisun LMS-9000A(Plus)
Test Time: 2019-09-03 15:56:35
Inspector: