

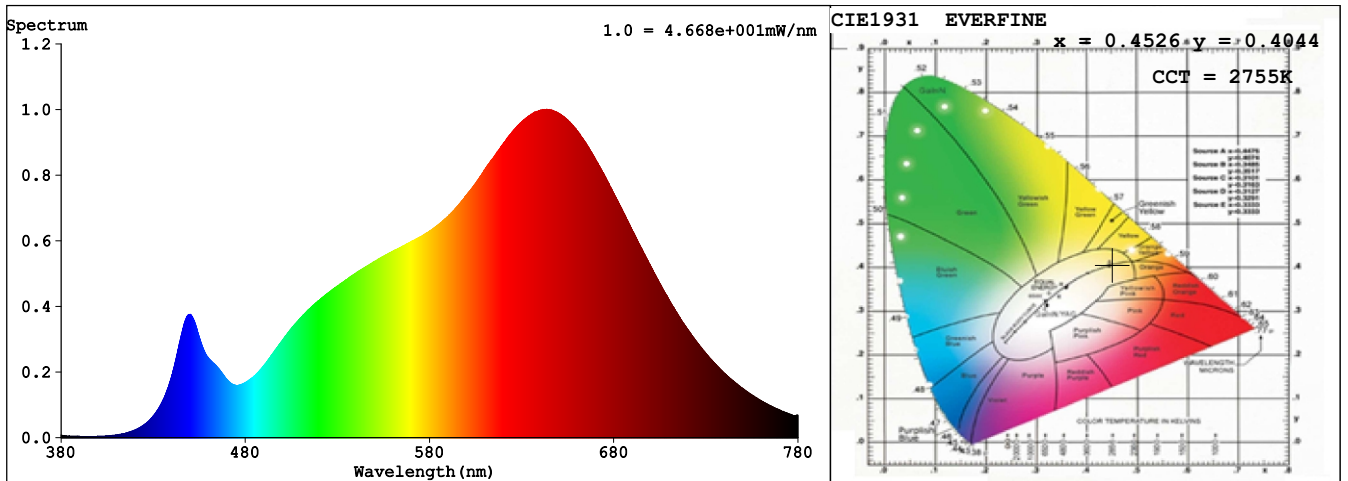
## Report Title

Sample	: LED Soft light bar	Date	: 2020-10-27 15:18:19
Specification	: EKF41126PRO	Standard	: IES LM-79-08
Sample No.	: WY-GX-2020102610	Instrument	: HaasSuite(EVERFINE)
Manufacturer	:	Test by	: Hu Cong
Assessor	: Chunbo Zhou		
Remark	: /		

### Test Condition

Temperature	: 25.7Deg	RH	: 41.9%
WL Range	: 380nm-780nm	IP	: 46568 (71%)
Test Mode	: Fast Test	T	: 33 ms
Sensitivity	: High		

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4526$   $y = 0.4044$  /  $u' = 0.2606$   $v' = 0.5239$  ( $duv = -1.70e-03$ )

CCT= 2755K Prcp WL:  $L_d = 584.5nm$  Purity=57.2%

Peak WL:  $L_p = 644nm$  FWHM:  $= 162.5nm$  Ratio: R=26.7% G=70.7% B=2.5%

Render Index:  $R_a = 98.2$  TM30:  $R_f = 94$   $R_g = 104$

R1 =99 R2 =99 R3 =99 R4 =96 R5 =99 R6 =98 R7 =98

R8 =98 R9 =99 R10=96 R11=94 R12=91 R13=99 R14=96 R15=99

WHITE:ANSI\_2700K

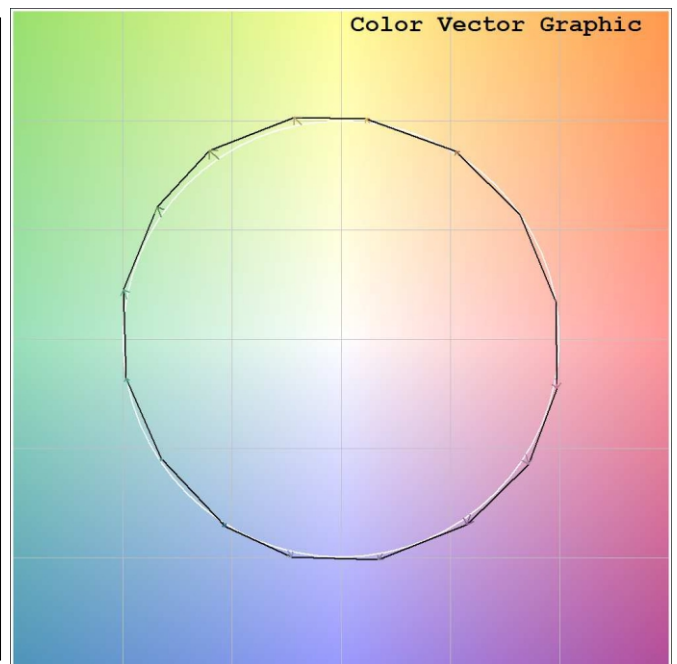
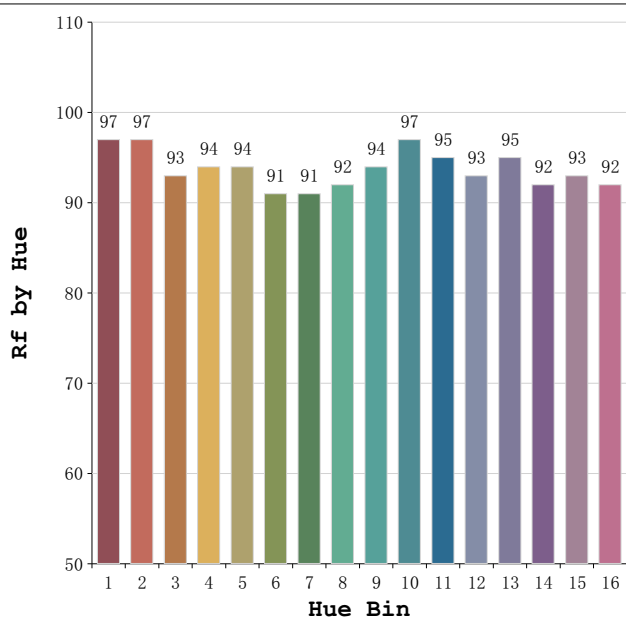
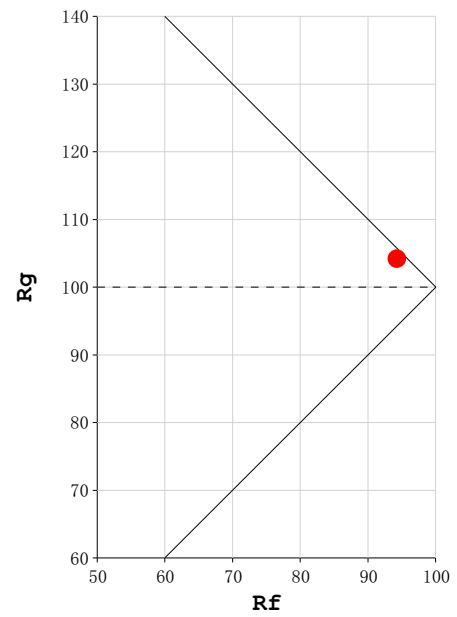
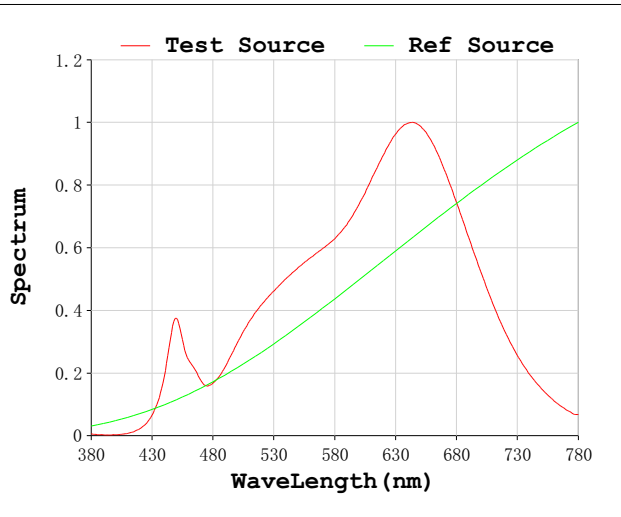
### Photometric & Radiometric Parameters

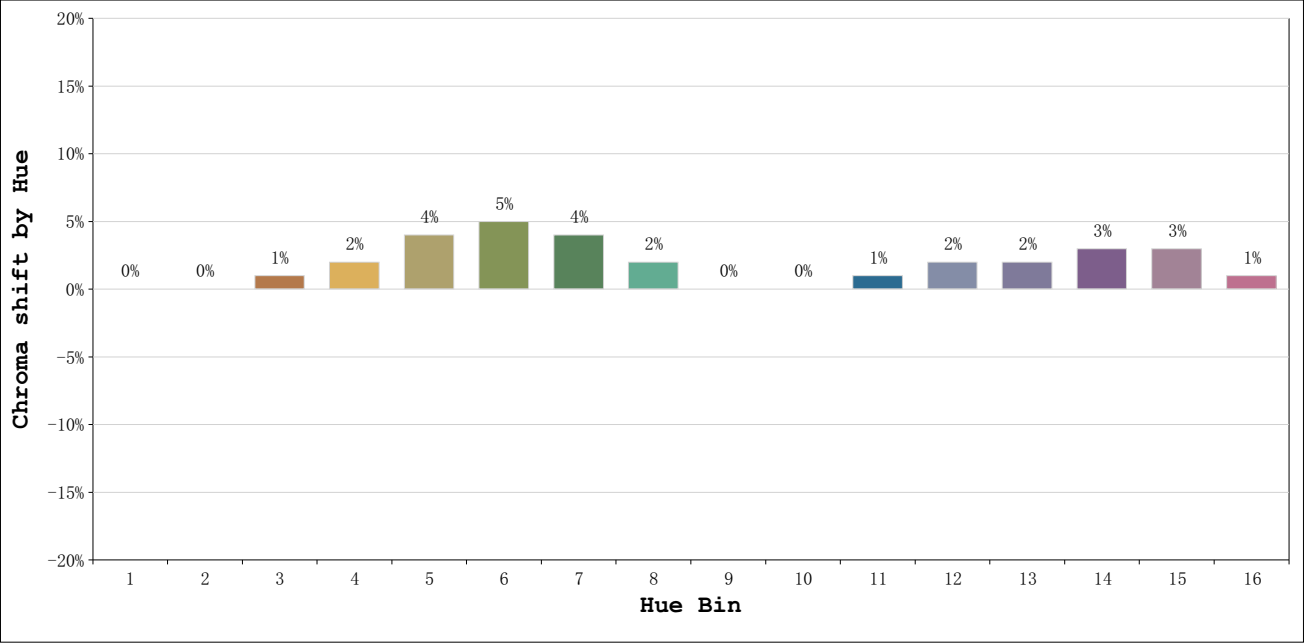
Flux = 1961.3 lm Eff. : 73.96 lm/W  $F_e = 8.0204 W$

### Electrical parameters

V = 24.01 V I = 1.105 A P = 26.52 W PF = 1.0000 F=0.00 Hz

Rf: 94 CCT: 2755 K u': 0.2606  
Rg: 104 Duv: -0.0017 v': 0.5239





			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0 - 22.5	97	0	0
2	22.5 - 45.0	97	0	0
3	45.0 - 67.5	93	1	3
4	67.5 - 90.0	94	2	2
5	90.0 - 112.5	94	4	2
6	112.5 - 135.0	91	5	1
7	135.0 - 157.5	91	4	-2
8	157.5 - 180.0	92	2	-3
9	180.0 - 202.5	94	0	-2
10	202.5 - 225.0	97	0	0
11	225.0 - 247.5	95	1	2
12	247.5 - 270.0	93	2	2
13	270.0 - 292.5	95	2	-1
14	292.5 - 315.0	92	3	-3
15	315.0 - 337.5	93	3	-2
16	337.5 - 360.0	92	1	-3