

Report Title

Sample : LED Soft light bar
Specification : EKF44126PRO
Sample No. : WY-GX-2020102611
Manufacturer :
Assessor : Chunbo Zhou
Remark : /

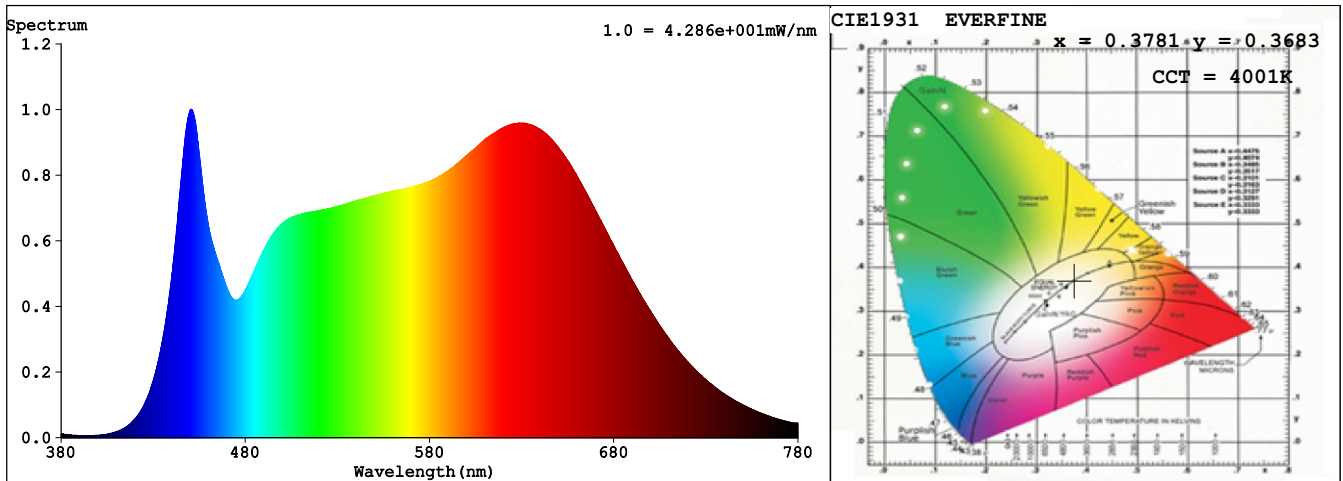
Date : 2020-10-27 15:38:48
Standard : IES LM-79-08
Instrument : HaasSuite(EVERFINE)
Test by : Hu Cong

Test Condition

Temperature : 24.6Deg
WL Range : 380nm-780nm
Test Mode : Fast Test
Sensitivity : High

RH : 41.9%
IP : 53356 (81%)
T : 40 ms

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3781$ $y = 0.3683$ / $u' = 0.2270$ $v' = 0.4974$ ($duv = -3.35e-03$)

CCT= 4001K Prcp WL: $L_d = 581.2nm$ Purity=24.0%

Peak WL: $L_p = 451nm$ FWHM: $= 27.2nm$ Ratio: R=21.1% G=74.0% B=4.9%

Render Index: $R_a = 98$ TM30: $R_f = 96$ $R_g = 102$

R1 =99 R2 =97 R3 =99 R4 =97 R5 =96 R6 =99 R7 =99

R8 =98 R9 =95 R10=95 R11=94 R12=86 R13=96 R14=99 R15=96

WHITE:ANSI_4000K

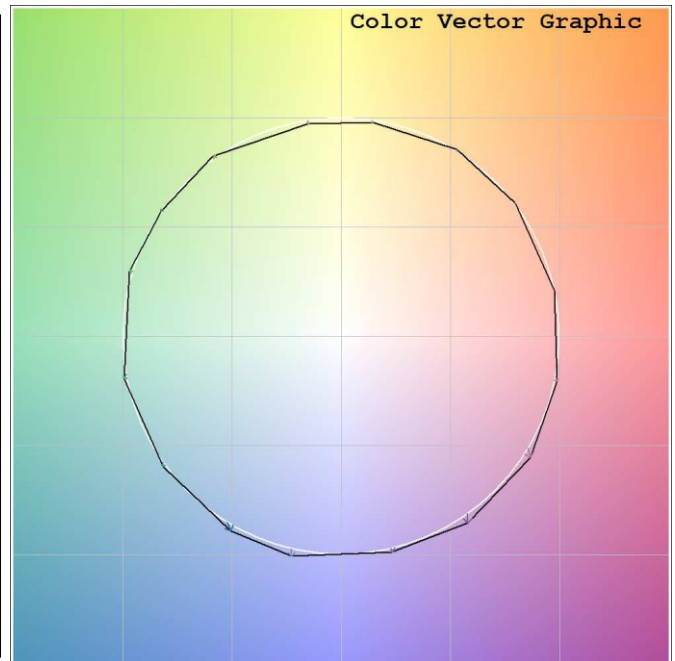
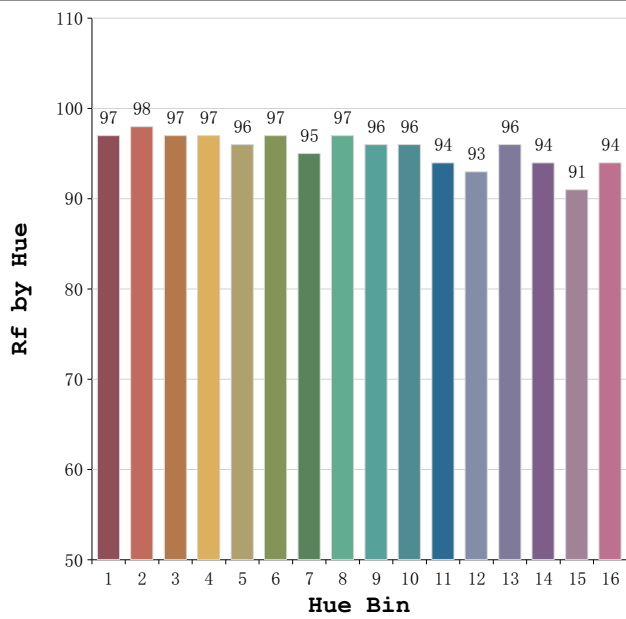
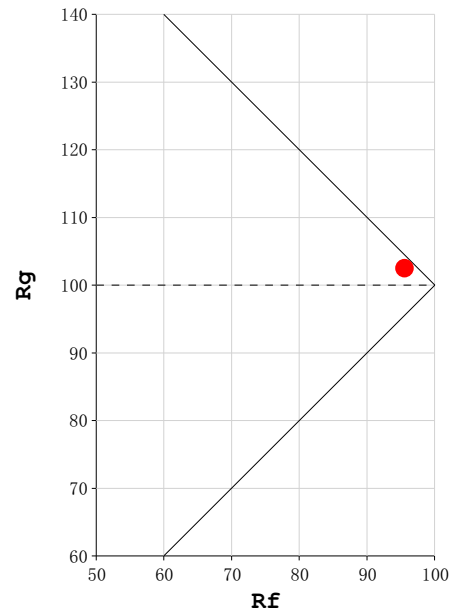
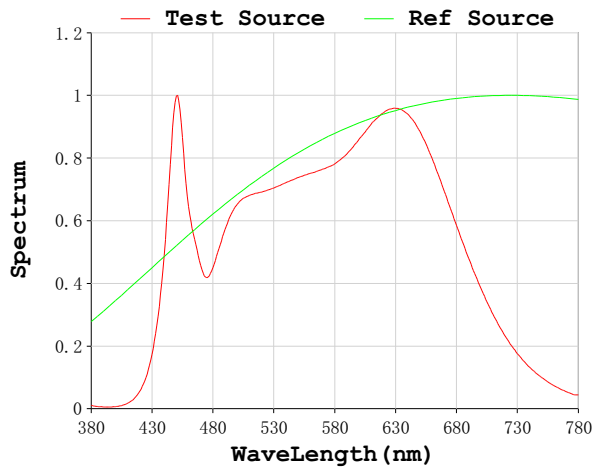
Photometric & Radiometric Parameters

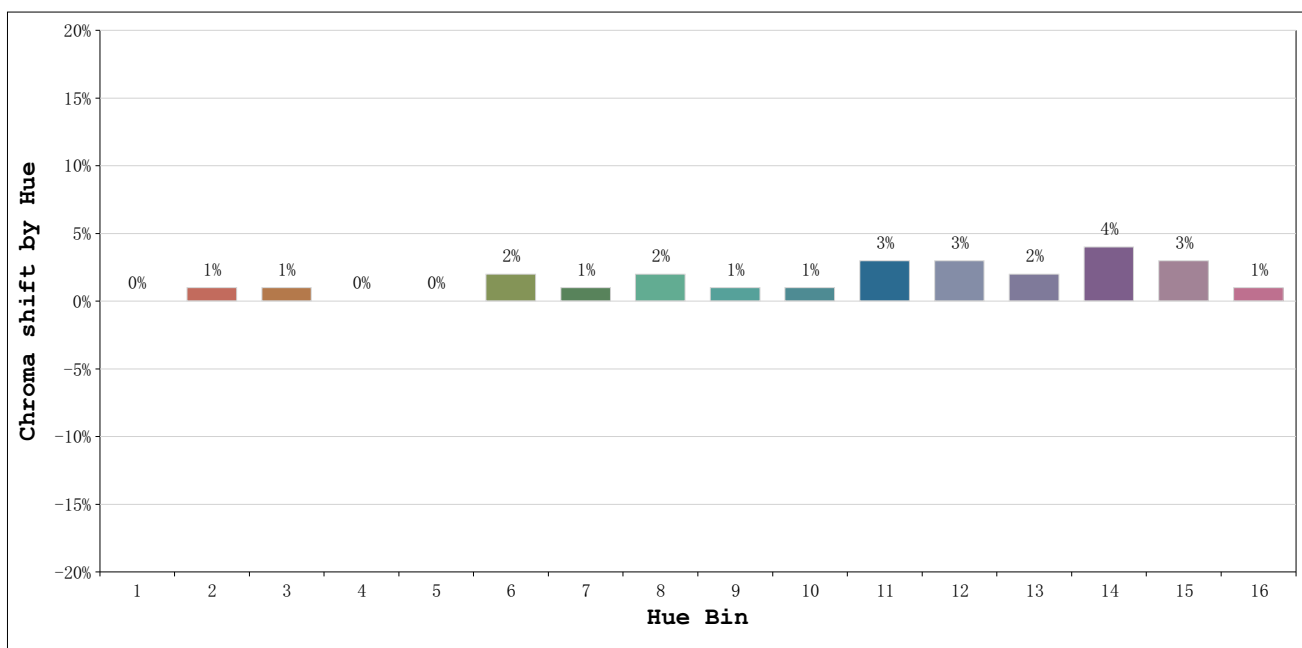
Flux = 2373.9 lm Eff. : 86.16 lm/W $F_e = 8.8650 W$

Electrical parameters

V = 24.00 V I = 1.148 A P = 27.55 W PF = 1.0000 F=0.00 Hz

Rf: 96 CCT: 4001 K u' : 0.2270
Rg: 102 Duv: -0.0034 v' : 0.4974





			Graphic shift(%)	
Hue Bin	Hue Angle	Rf	Chroma	Hue
1	0.0 - 22.5	97	0	0
2	22.5 - 45.0	98	1	0
3	45.0 - 67.5	97	1	1
4	67.5 - 90.0	97	0	0
5	90.0 - 112.5	96	0	0
6	112.5 - 135.0	97	2	1
7	135.0 - 157.5	95	1	1
8	157.5 - 180.0	97	2	0
9	180.0 - 202.5	96	1	2
10	202.5 - 225.0	96	1	2
11	225.0 - 247.5	94	3	3
12	247.5 - 270.0	93	3	1
13	270.0 - 292.5	96	2	-1
14	292.5 - 315.0	94	4	-1
15	315.0 - 337.5	91	3	-2
16	337.5 - 360.0	94	1	-1