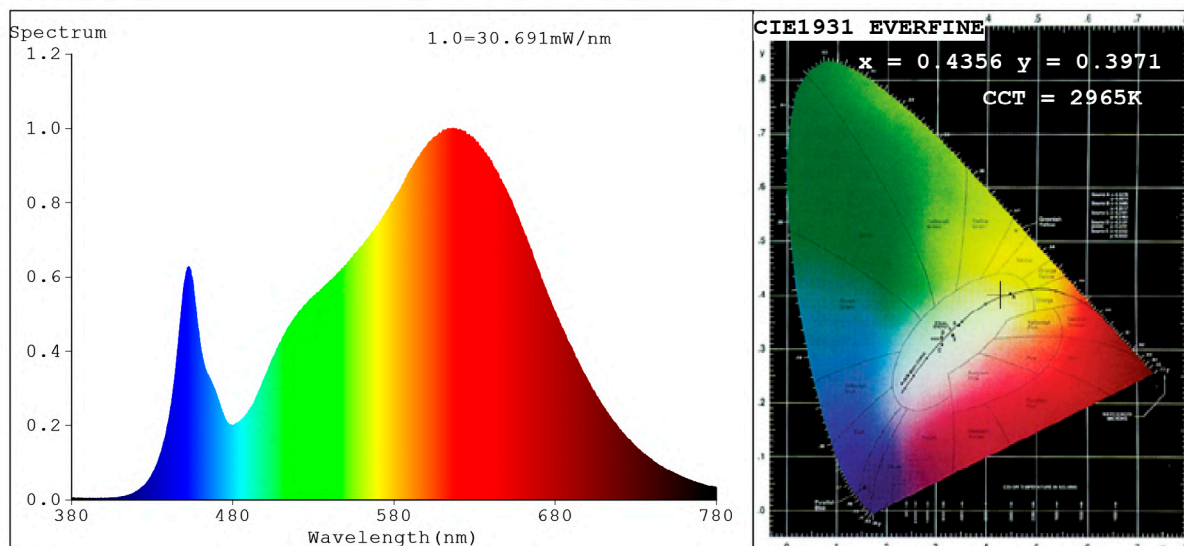


## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4356$   $y=0.3971$  /  $u'=0.2527$   $v'=0.5184$   
 CCT=2965K (Duv=-0.0026) Dominant WL:  $\lambda_d = 584.0\text{nm}$  Purity=49.9%  
 Ratio: R=24.4% G=72.9% B=2.7%; Peak WL:  $\lambda_p = 617.0\text{nm}$  FWHM=159.7nm  
 Render Index: Ra=91.3 CRI=88.1 TM30: Rf=88 Rg=101 Lav=600.0nm  
 R1 =92 R2 =96 R3 =97 R4 =91 R5 =91 R6 =94 R7 =90  
 R8 =79 R9 =54 R10=89 R11=91 R12=79 R13=93 R14=98 R15=88

### Photo Parameters:

Flux = 1531 lm Eff. : 107.41 lm/W Fe = 5.300 W Scotopic: 2131.2 S/P: 1.392

### Electrical parameters:

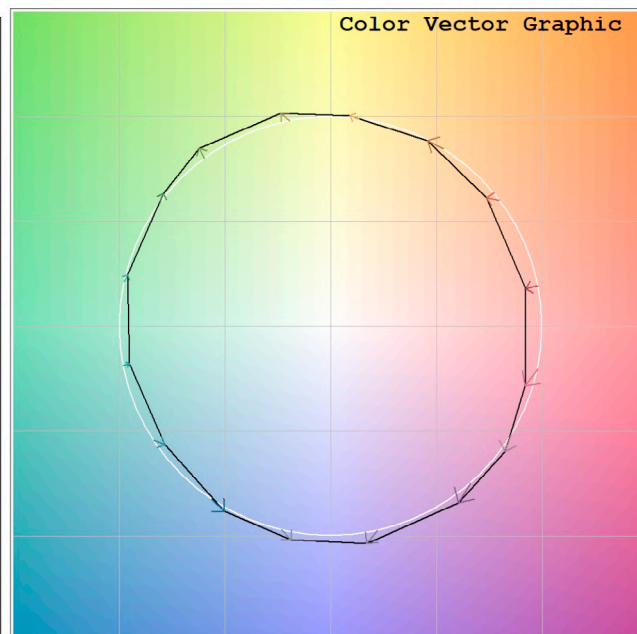
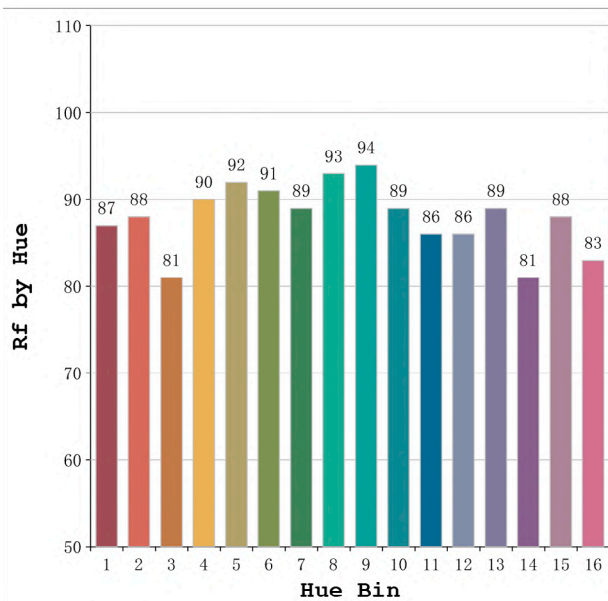
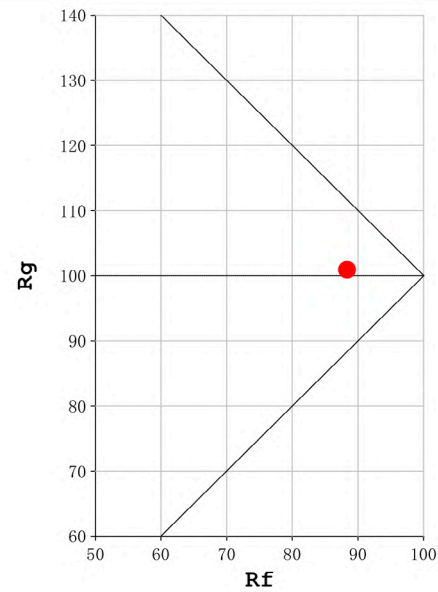
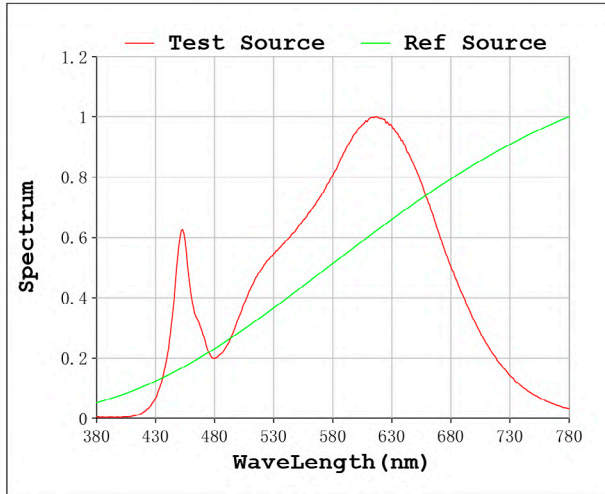
V = 23.998 V I = 0.5939 A P = 14.25 W PF = 1.000

Status: Integral T = 1000 ms Ip = 54927 (84%)

Model: Ecoled COB IP67 3000K  
 Tester: Sergio Carneros  
 Temperature: 25Deg  
 Manufacturer: Luz Negra S.L

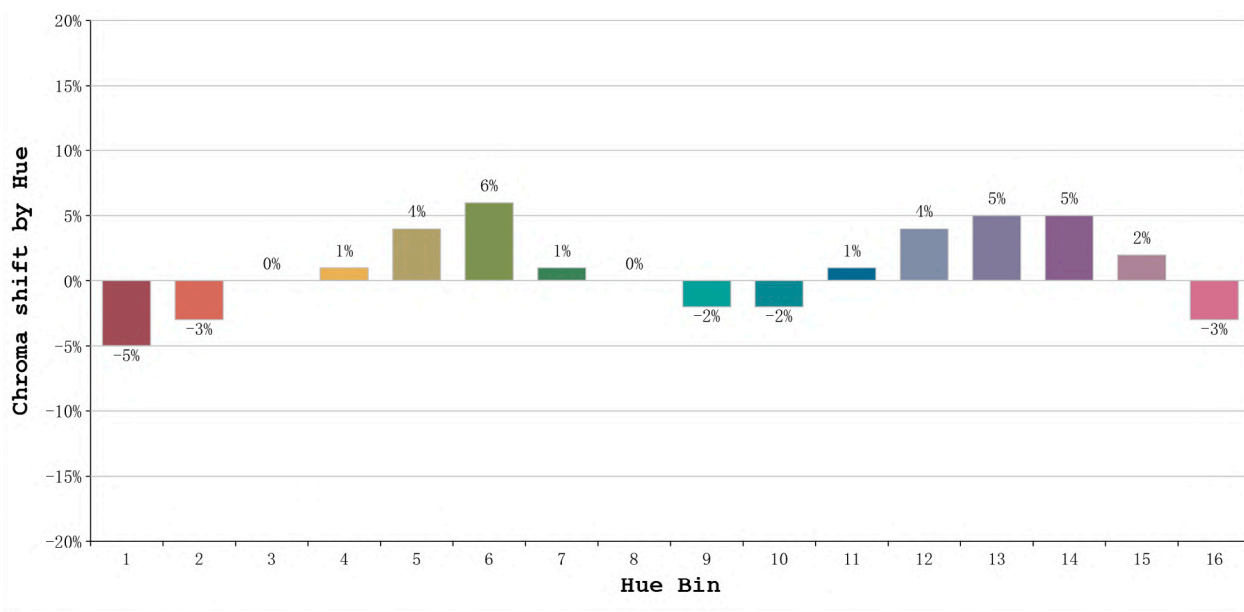
Number: 31.104  
 Date: 2021-02-17 11:32:49  
 Humidity: 57%  
 Remarks: 100cm Tira flexible

**Rf: 88**      **CCT: 2965 K**      **u': 0.2527**  
**Rg: 101**      **Duv: -0.0026**      **v': 0.5184**



Model:Ecoled COB IP67 3000K  
 Tester:Sergio Carneros  
 Temperature:25Deg  
 Manufacturer:Luz Negra S.L

Number: 31.104  
 Date:2021-02-17 11:32:49  
 Humidity:57%  
 Remarks:100cm Tira flexible



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	87	-5	0
2	22.5° - 45.0°	88	-3	4
3	45.0° - 67.5°	81	0	8
4	67.5° - 90.0°	90	1	5
5	90.0° - 112.5°	92	4	4
6	112.5° - 135.0°	91	6	0
7	135.0° - 157.5°	89	1	-4
8	157.5° - 180.0°	93	0	-3
9	180.0° - 202.5°	94	-2	0
10	202.5° - 225.0°	89	-2	5
11	225.0° - 247.5°	86	1	8
12	247.5° - 270.0°	86	4	5
13	270.0° - 292.5°	89	5	-5
14	292.5° - 315.0°	81	5	-9
15	315.0° - 337.5°	88	2	-7
16	337.5° - 360.0°	83	-3	-8

Model:Ecoled COB IP67 3000K  
 Tester:Sergio Carneros  
 Temperature:25Deg  
 Manufacturer:Luz Negra S.L

Number: 31,104  
 Date:2021-02-17 11:32:49  
 Humidity:57%  
 Remarks:100cm Tira flexible