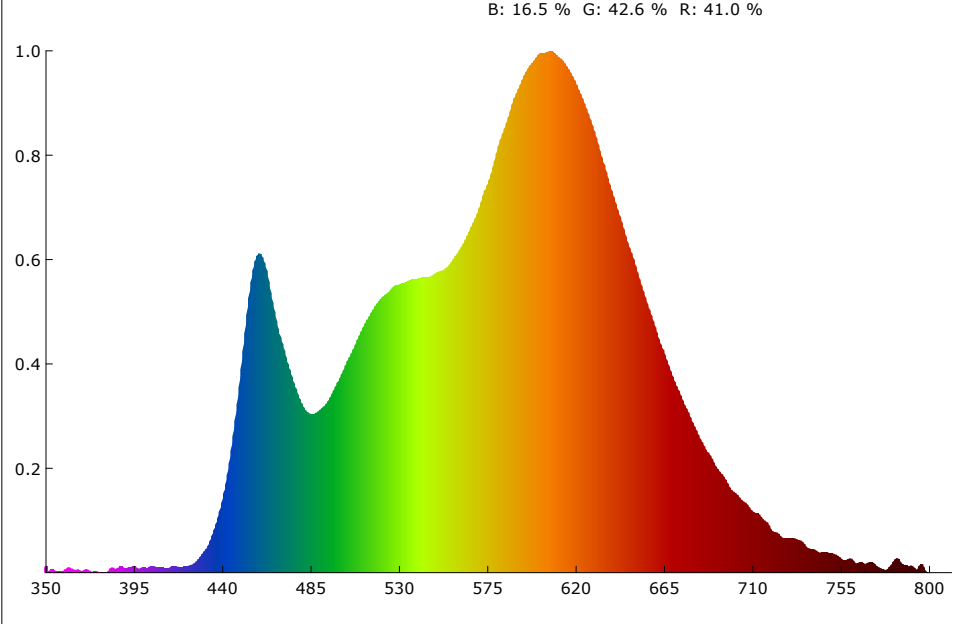
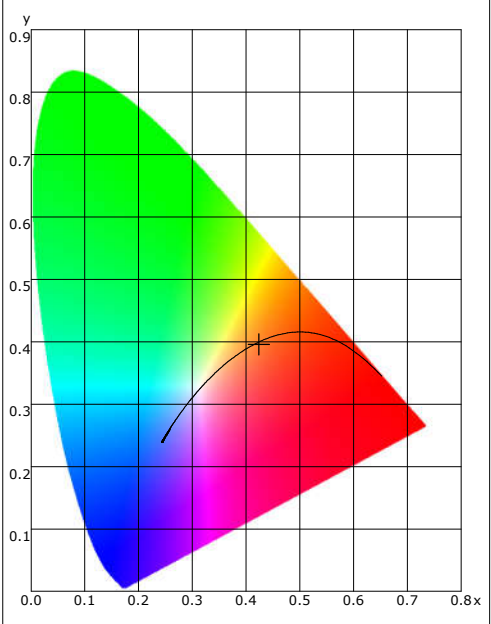


Spectrogram



CIE1931



Color Parameter:

x: 0.4238 y: 0.3951 u: 0.2459 v: 0.3439 u': 0.2459 v': 0.5159
R_ratio: 41.0 % G_ratio: 42.6 % B_ratio: 16.5 % RedRatio: 22.4 % GreenRatio: 75.1 % BlueRatio: 2.5 %

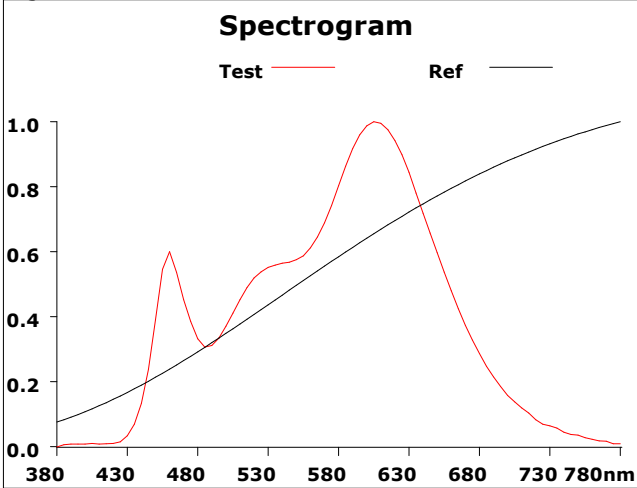
Ra: 88.3 AvgR: 85.2
R1: 90.6 R2: 98.6 R3: 92.7 R4: 88.6 R5: 92.0 R6: 94.2 R7: 82.7 R8: 67.1
R9: 30.6 R10: 96.9 R11: 91.5 R12: 79.0 R13: 93.6 R14: 96.9 R15: 82.6

CCT: 3159 K Flux: 95.938 lm PeakWave: 607.6 nm SDCM: 5.0
S/P: 1.5 CentralWave: 587.0 nm DominantWave: 582.8 nm CentroidWave: 579.0 nm
HalfWidth: 141.0 nm duv: -0.00167 purity: 45.8 % CQS: 84.4
LER(TM-30): 315.9 Ep: 303.7 mw Rg: 94.4 Rf: 85.4
Red Ep: 120.1 mw Near red Ep: 9.3 mw Near infrared Ep: 0.6 mw

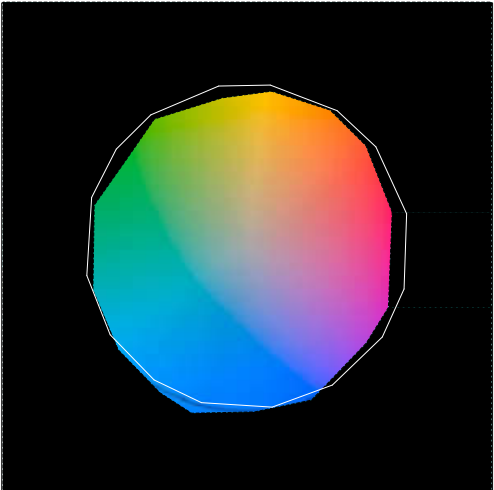
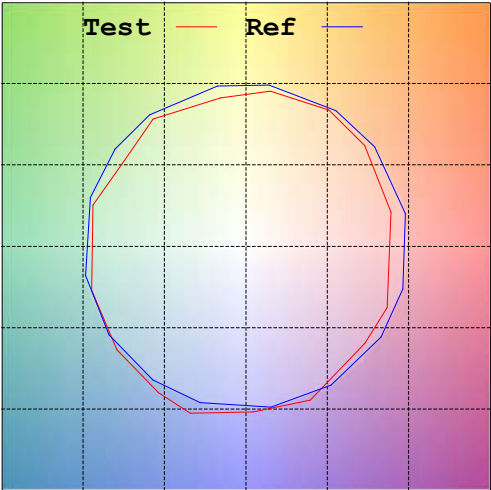
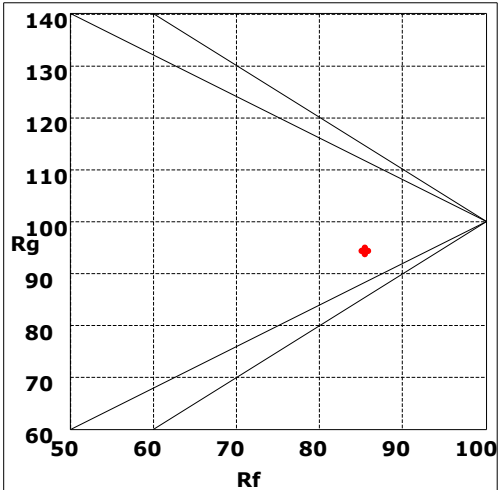
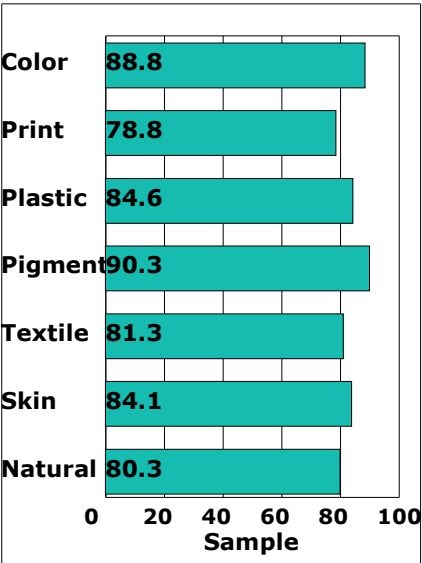
Electrical parameters:

Effic: 40.3 Lm/W Energy: 40.3 Effi: G
U: 13.4 V I: 0.355 A P: 2.380 W Pf: 0.500

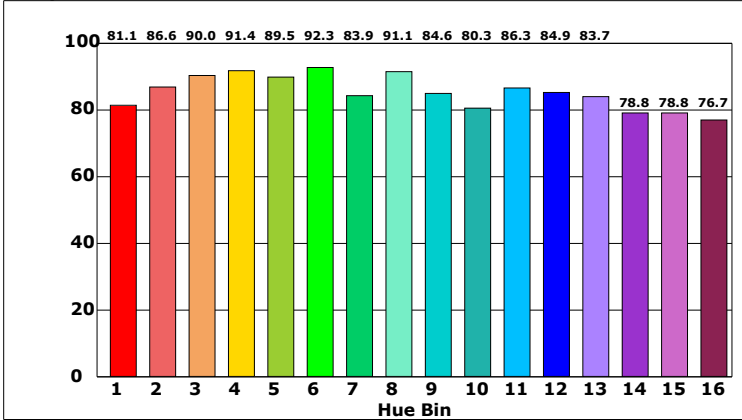
Rf: 85.4 CCT: 3159K u': 0.2459
Rg: 94.4 LER: 315.9 Duv: -0.00167 v': 0.5159



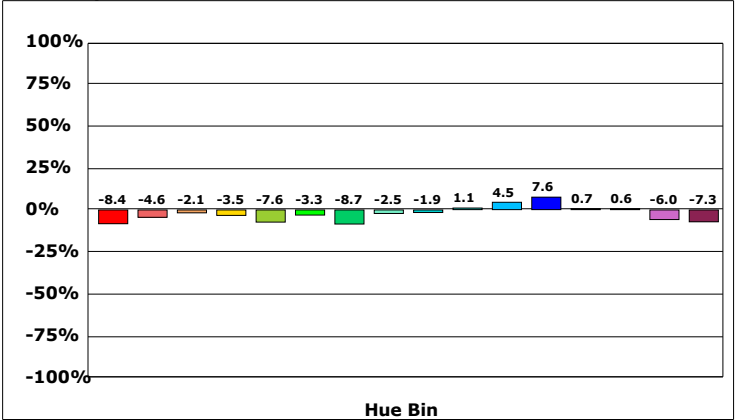
500			
Hue Bin	Rf	Chroma	Hue
1	81.1	-8.4%	2.7%
2	86.6	-4.6%	4.0%
3	90.0	-2.1%	3.7%
4	91.4	-3.5%	-1.4%
5	89.5	-7.6%	-0.5%
6	92.3	-3.3%	-0.3%
7	83.9	-8.7%	2.7%
8	91.1	-2.5%	4.3%
9	84.6	-1.9%	9.5%
10	80.3	1.1%	10.4%
11	86.3	4.5%	7.2%
12	84.9	7.6%	-4.8%
13	83.7	0.7%	-11.3%
14	78.8	0.6%	-15.9%
15	78.8	-6.0%	-8.7%
16	76.7	-7.3%	-13.2%



Rf by Bue

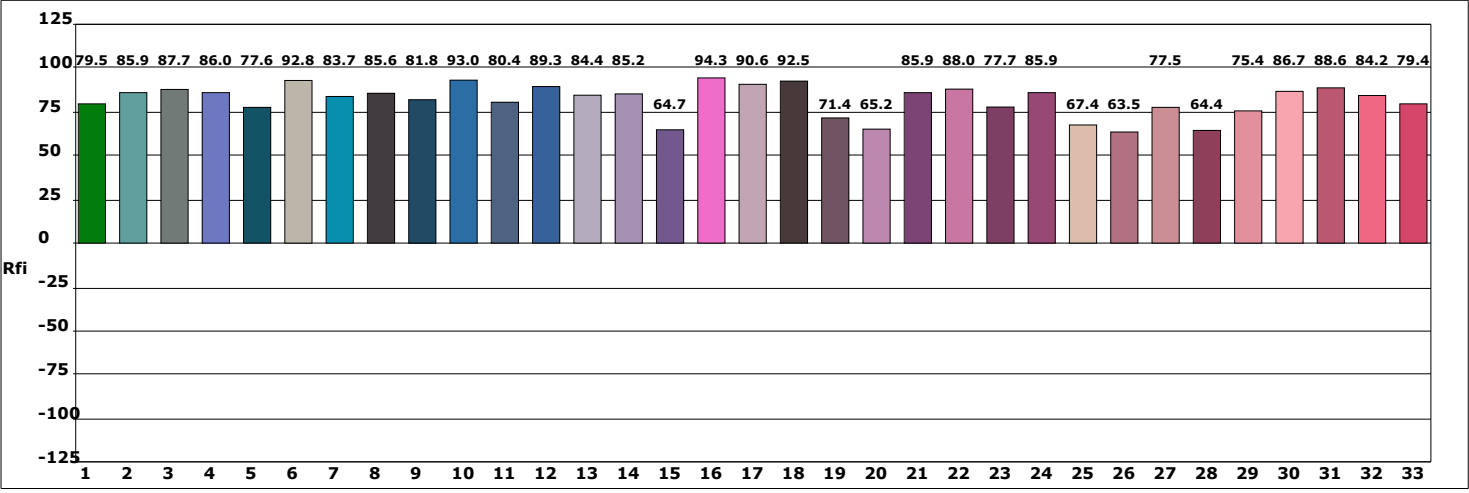
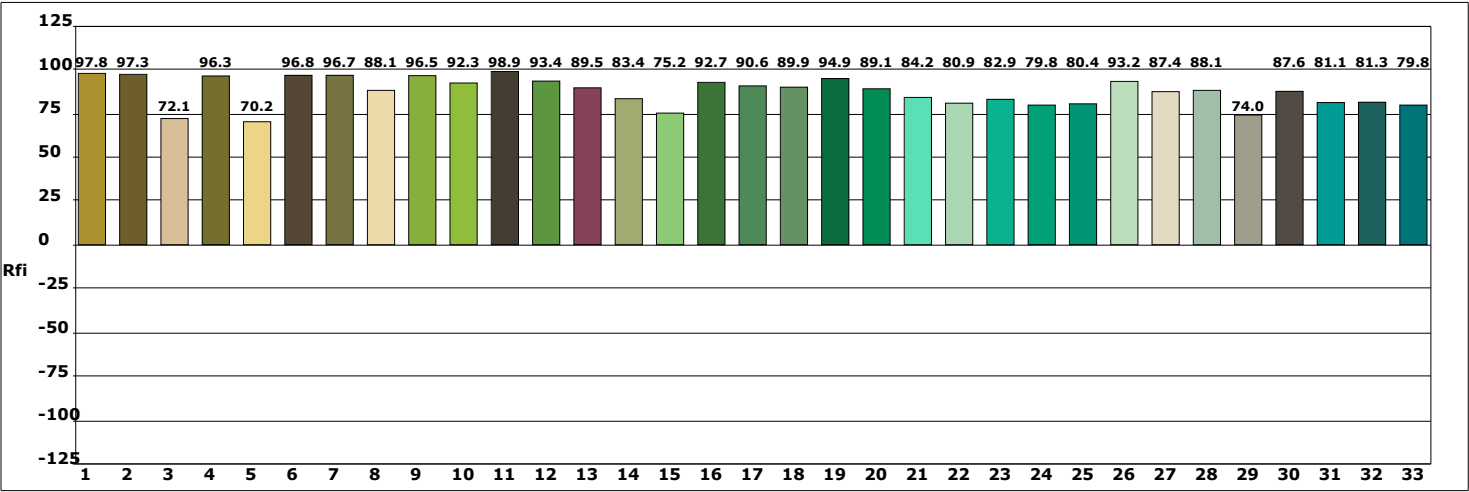
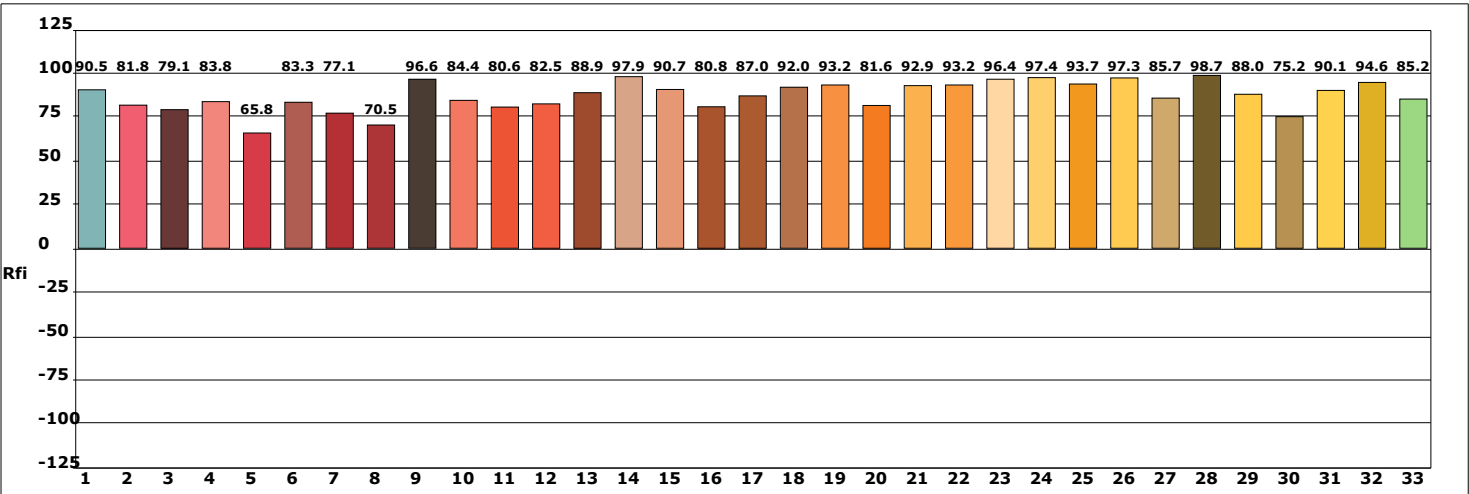


Chroma by Bue



Product model: MR8
Product number: 2W 12V 3000K RA90 36D DIM
Tester: WZM
Remarks:

Manufacturer: Huizhou Henhui Electronics Technology Co., Ltd.
Test unit: MR8
Date of observation: 2024/10/25



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