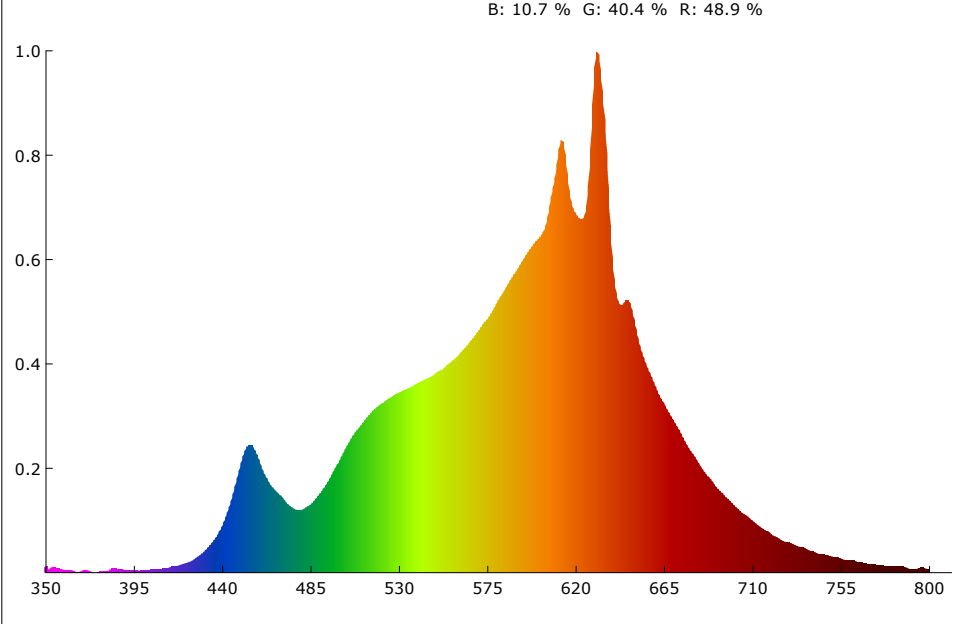
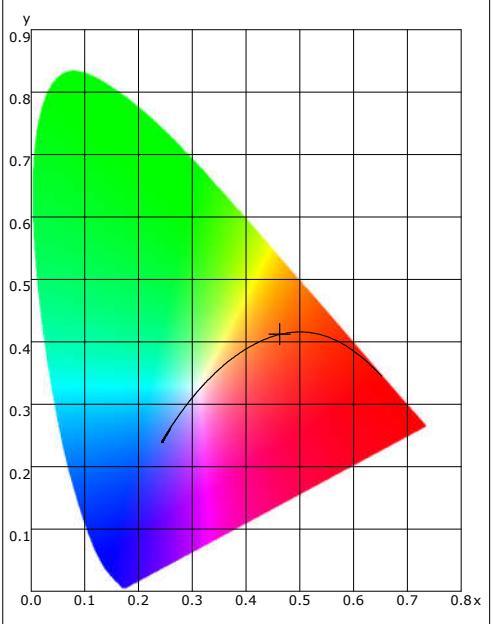


Spectrogram



CIE1931



Color Parameter:

x: 0.4628 y: 0.4120 u: 0.2638 v: 0.3522 u': 0.2638 v': 0.5283
R_ratio: 48.9 % G_ratio: 40.4 % B_ratio: 10.7 % RedRatio: 26.3 % GreenRatio: 72.2 % BlueRatio: 1.4 %

Ra: 92.9 AvgR: 90.2
R1: 94.0 R2: 97.4 R3: 99.2 R4: 95.3 R5: 94.9 R6: 96.8 R7: 89.1 R8: 77.0
R9: 50.3 R10: 93.2 R11: 98.0 R12: 87.6 R13: 95.1 R14: 98.7 R15: 87.1

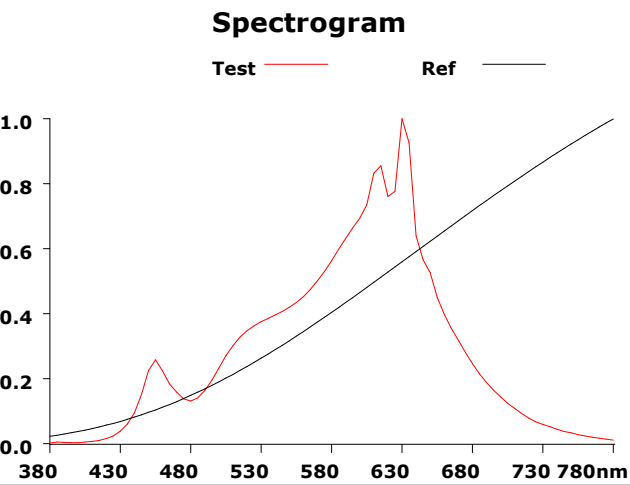
CCT: 2669 K	Flux: 295.334 lm	PeakWave: 631.1 nm	SDCM: 2.7
S/P: 1.3	CentralWave: 613.5 nm	DominantWave: 584.3 nm	CentroidWave: 591.4 nm
HalfWidth: 71.0 nm	duv: 0.00025	purity: 62.6 %	CQS: 88.0
LER(TM-30): 309.2	Ep: 955.2 mw	Rg: 98.5	Rf: 91.0
Red Ep: 446.9 mw	Near red Ep: 37.2 mw	Near infrared Ep: 1.9 mw	

Electrical parameters:

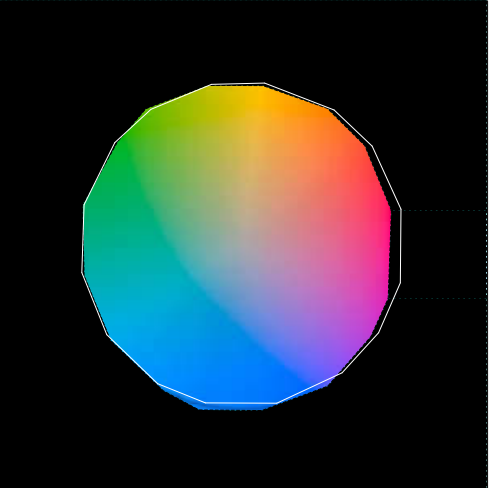
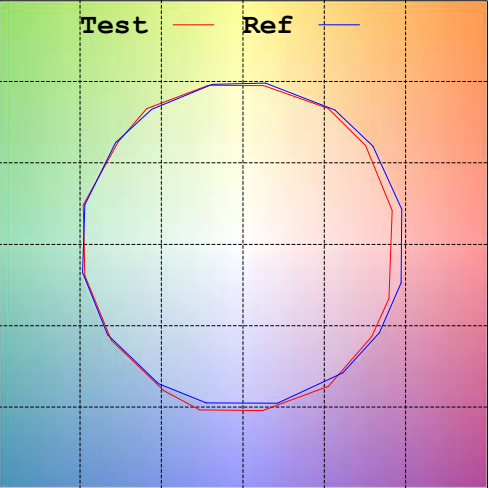
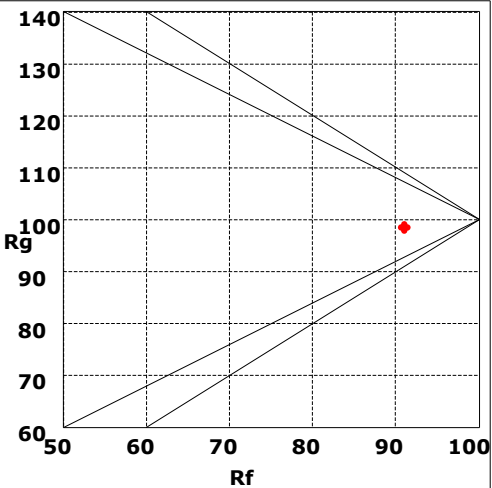
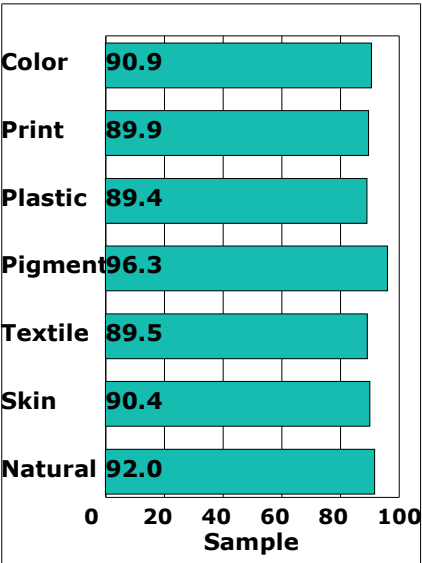
Effic: 89.5 Lm/W	Energy: 97.5	Effi: F	
U: 230.1 V	I: 0.020 A	P: 3.300 W	Pf: 0.709

Product model: GU10	Manufacturer: TECO
Product number: 3.5W 230V 2700K RA90 36D DIM	Test unit: TECO
Tester: WZM	Date of observation: 11/23/23
Remarks:	

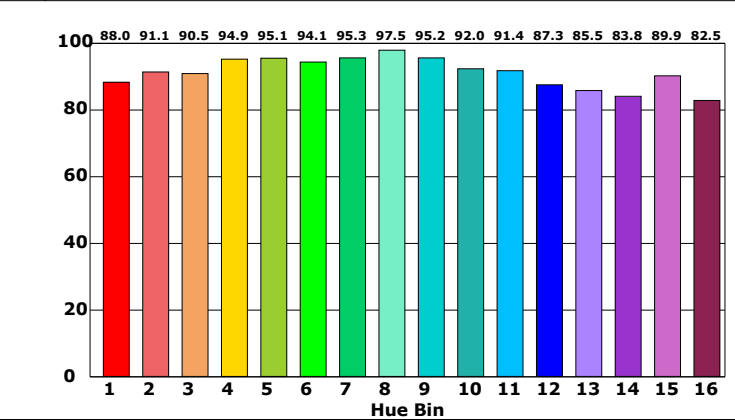
Rf: 91.0 CCT: 2669K u': 0.2638
Rg: 98.5 LER: 309.2 Duv: 0.00025 v': 0.5283



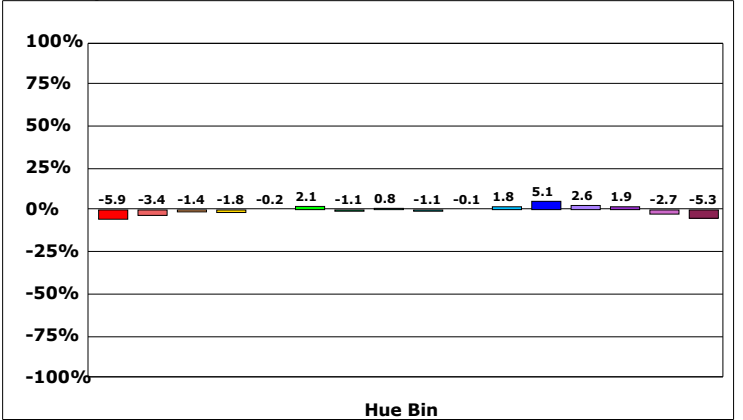
500			
Hue Bin	Rf	Chroma	Hue
1	88.0	-5.9%	0.5%
2	91.1	-3.4%	2.7%
3	90.5	-1.4%	4.1%
4	94.9	-1.8%	0.7%
5	95.1	-0.2%	2.5%
6	94.1	2.1%	2.3%
7	95.3	-1.1%	-1.2%
8	97.5	0.8%	0.3%
9	95.2	-1.1%	2.0%
10	92.0	-0.1%	4.3%
11	91.4	1.8%	5.2%
12	87.3	5.1%	-3.1%
13	85.5	2.6%	-9.8%
14	83.8	1.9%	-12.0%
15	89.9	-2.7%	-4.5%
16	82.5	-5.3%	-10.8%



Rf by Bue



Chroma by Bue



Product model: GU10
Product number: 3.5W 230V 2700K RA90 36D DIM
Tester: WZM
Remarks:

Manufacturer: TECO
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Date of observation: 11/23/23

