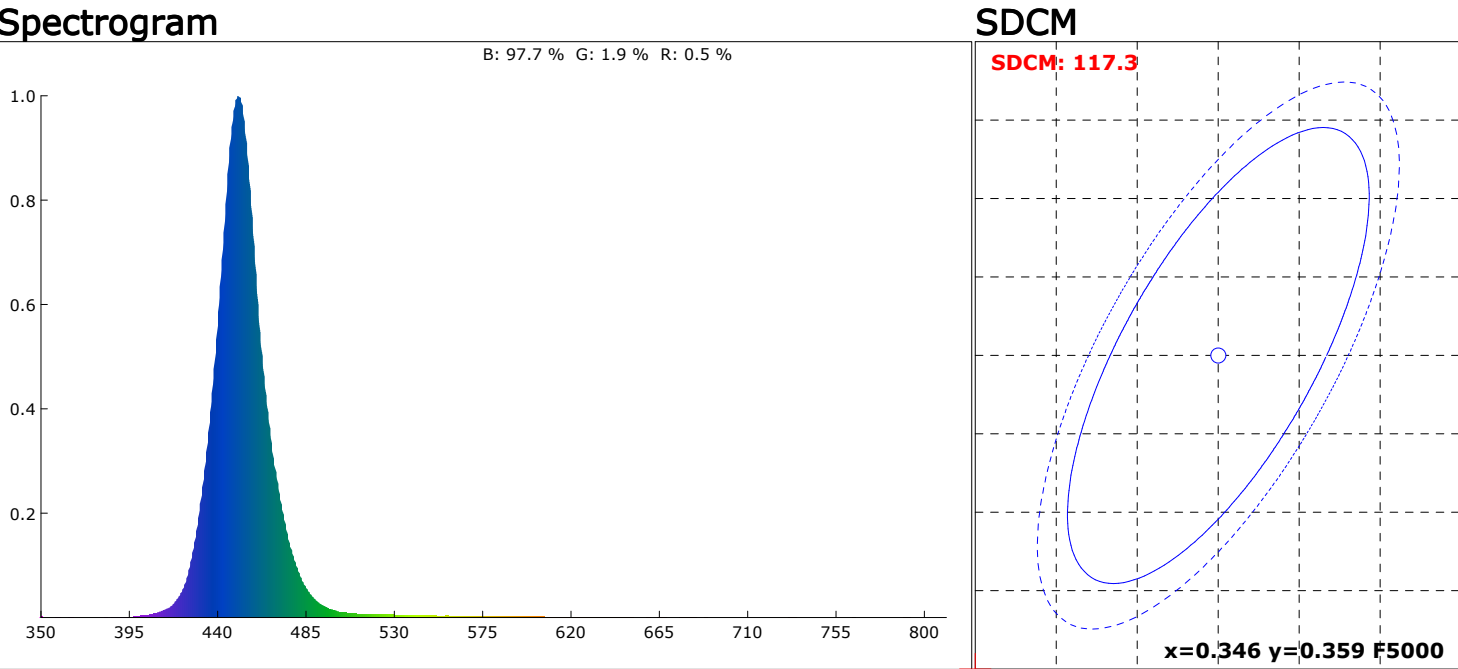




Color Parameter:

x: 0.1541	y: 0.0334	u: 0.1993	v: 0.0648	u': 0.1993	v': 0.0972
R_ratio: 0.5 %	G_ratio: 1.9 %	B_ratio: 97.7 %	RedRatio: 2.0 %	GreenRatio: 24.6 %	BlueRatio: 73.3 %

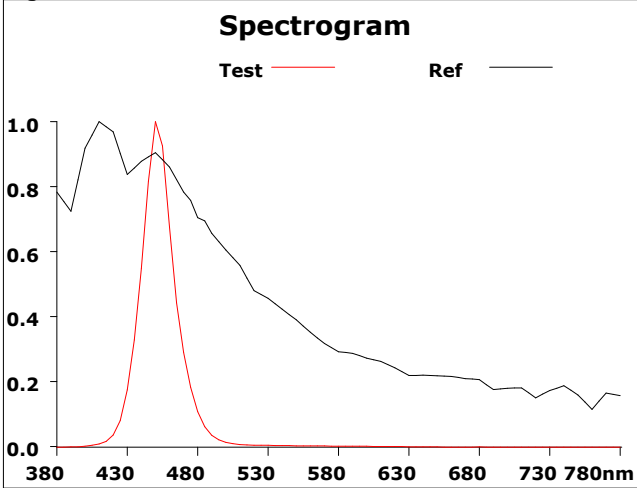
Ra: -47.9	AvgR: -48.0						
R1: 17.1	R2: -31.2	R3: -99.0	R4: -97.7	R5: 24.8	R6: -37.2	R7: -55.8	R8: -44.6
R9: -99.0	R10: -99.0	R11: -99.0	R12: -97.4	R13: 3.3	R14: -34.1	R15: 29.0	

CCT: 99999 K	Flux: 341.488 lm	PeakWave: 450.6 nm	SDCM: 117.3
S/P: 18.6	CentralWave: 451.2 nm	DominantWave: 456.6 nm	CentroidWave: 455.0 nm
HalfWidth: 23.7 nm	duv: 0.15769	purity: 97.2 %	CQS: 0.3
LER(TM-30): 43.7	Ep: 7811.5 mw	Rg: nan	Rf: -nan(ind)
Red Ep: 35.9 mw	Near red Ep: 2.8 mw	Near infrared Ep: 2.1 mw	

Electrical parameters:

Effic: 4.5 Lm/W	Energy: 4.9	Effi: G	
U: 220.3 V	I: 0.558 A	P: 76.370 W	Pf: 0.621

Rf: -nan(ind) CCT: 99999K u': 0.1993
Rg: nan LER: 43.7 Duv: 0.15769 v': 0.0972



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-171.8%	65.3%
2	1.0	-0.8%	11.3%
3	-nan(ind)	nan%	-nan(ind)%
4	-nan(ind)	nan%	-nan(ind)%
5	-nan(ind)	nan%	-nan(ind)%
6	-nan(ind)	nan%	-nan(ind)%
7	-nan(ind)	nan%	-nan(ind)%
8	-nan(ind)	nan%	-nan(ind)%
9	-nan(ind)	nan%	-nan(ind)%
10	-nan(ind)	nan%	-nan(ind)%
11	0.0	41.0%	-238.8%
12	0.0	-49.3%	-371.1%
13	0.0	-206.5%	-345.9%
14	0.0	-321.5%	-267.8%
15	0.0	-441.2%	-181.9%
16	0.0	-366.7%	0.4%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

2
4
-2.14748e+011
-2.14748e+012