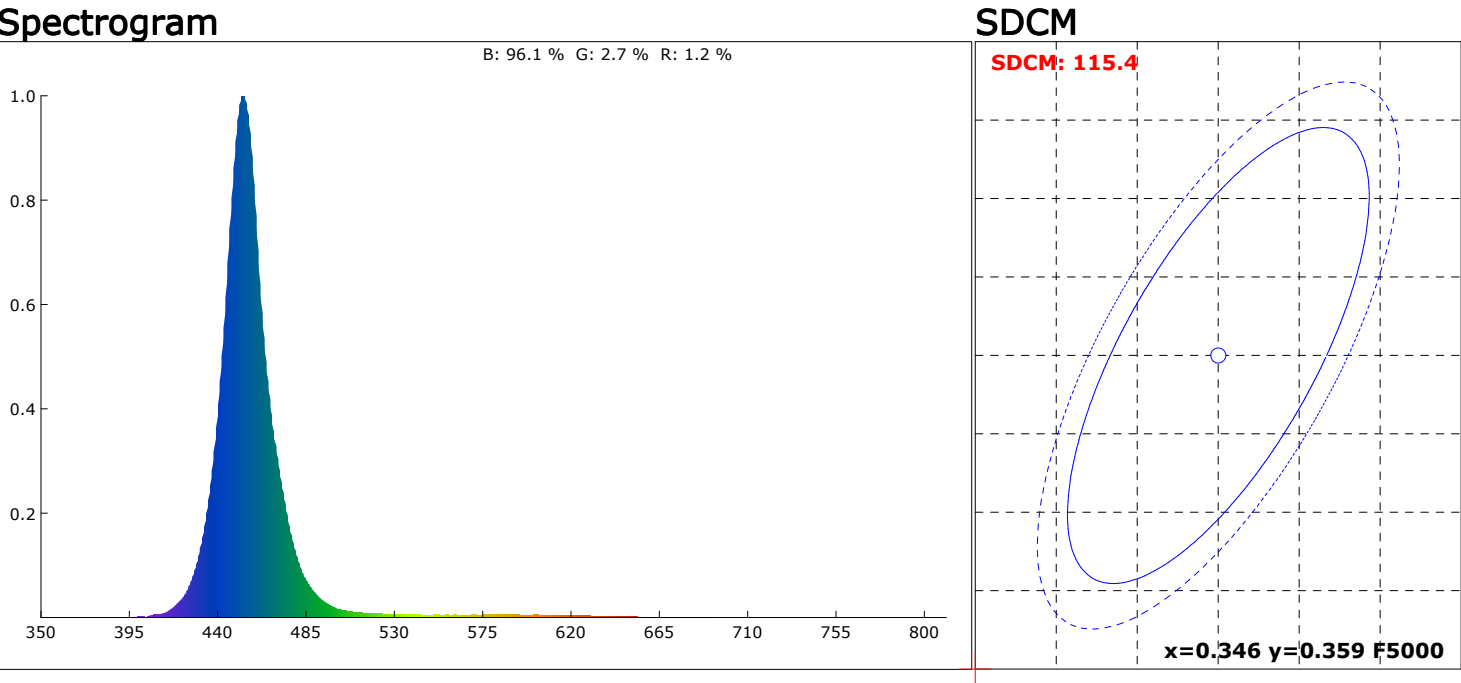




Color Parameter:

x: 0.1547	y: 0.0412	u: 0.1943	v: 0.0776	u': 0.1943	v': 0.1164
R_ratio: 1.2 %	G_ratio: 2.7 %	B_ratio: 96.1 %	RedRatio: 4.2 %	GreenRatio: 29.8 %	BlueRatio: 66.0 %

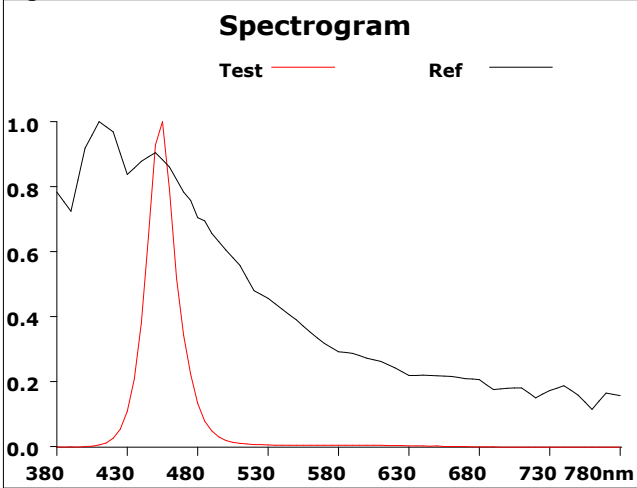
Ra: -38.5	AvgR: -39.4						
R1: 45.5	R2: -30.9	R3: -99.0	R4: -84.4	R5: 46.6	R6: -30.1	R7: -55.0	R8: -37.1
R9: -99.0	R10: -99.0	R11: -99.0	R12: -83.9	R13: 21.3	R14: -34.3	R15: 47.4	

CCT: 99999 K	Flux: 557.956 lm	PeakWave: 453.3 nm	SDCM: 115.4
S/P: 16.2	CentralWave: 453.7 nm	DominantWave: 458.5 nm	CentroidWave: 459.6 nm
HalfWidth: 21.6 nm	duv: 0.15523	purity: 95.5 %	CQS: 0.4
LER(TM-30): 53.0	Ep: 10520.7 mw	Rg: nan	Rf: -nan(ind)
Red Ep: 124.9 mw	Near red Ep: 3.9 mw	Near infrared Ep: 0.2 mw	

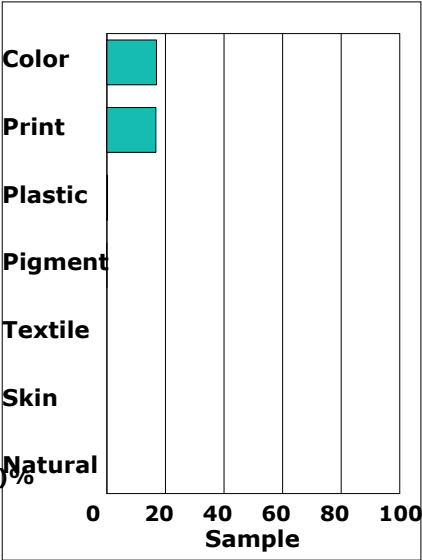
Electrical parameters:

Effic: 9.4 Lm/W	Energy: 10.3	Effi: G	
U: 220.6 V	I: 0.429 A	P: 59.120 W	Pf: 0.625

Rf: -nan(ind) CCT: 99999K u': 0.1943
Rg: nan LER: 53.0 Duv: 0.15523 v': 0.1164



500			
Hue Bin	Rf	Chroma	Hue
1	3.6	44.2%	-19.4%
2	32.0	20.9%	-15.1%
3	33.6	-2.3%	36.3%
4	15.7	13.2%	36.9%
5	0.1	30.0%	69.4%
6	0.3	65.6%	62.0%
7	1.3	67.4%	29.7%
8	0.2	99.4%	-5.3%
9	0.1	73.7%	-46.8%
10	3.9	44.3%	-41.1%
11	0.0	2.1%	48.6%
12	6.3	9.1%	63.3%
13	0.0	34.6%	128.0%
14	-nan(ind)	nan%	-nan(ind)%
15	16.9	65.2%	8.9%
16	0.0	96.1%	2.4%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

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