

Light Test Report

Product Mark

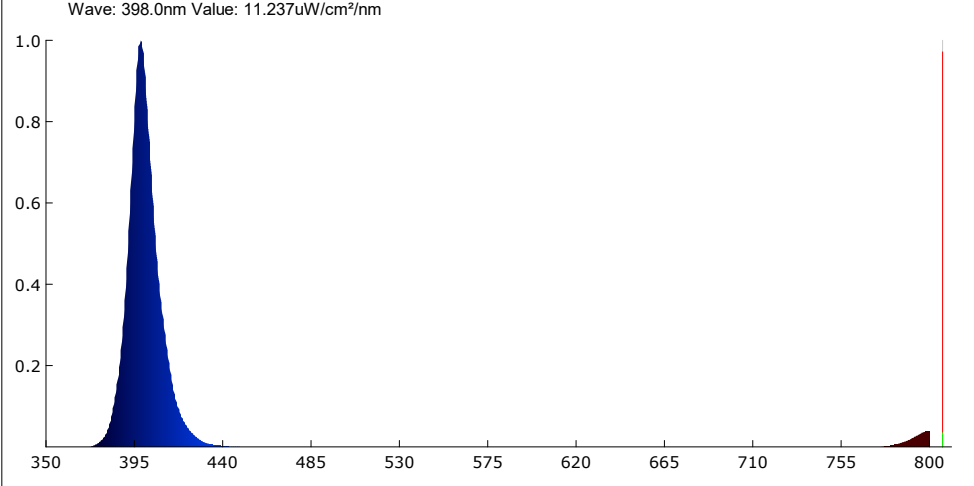
Model: 2835-32-0-UVA-60mA
Temperature: 20°C
Tester: Deniz

Manufacture: LED-Emotion
Humidity: 65%
Test Date: 2024-09-13,15:43:46

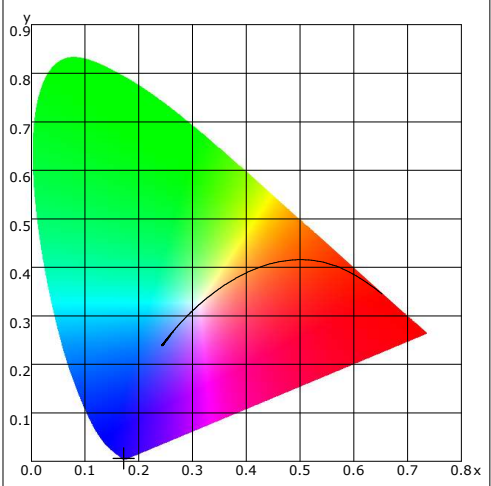
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
Φ(lm)	1.01	Purity(%)	99.9	Φer(mW)	0.000	Kppfv(umol/s/klm)	2965.221
η(lm/W)	0.17	HalfWidth(nm)	13.6	Φeuv(mW)	1001.198	YPF(umol/s)	4.141
CCT(K)	100000	Peak(nm)	398.6	Φefr(mW)	1.138	Φep(mW)	1233.981
Duv	-0.13291	Center(nm)	399.4	Φeir(mW)	45.514	Integral Time(ms)	49
CIE x,y	0.1719,0.0053	Centroid(nm)	410.2	Φec(mW)	1923.975	Peak Signal	63681
CIE u,v	0.2528,0.0117	Color Ratio(RGB)	0.0,0.0,100.0	Φerb Ratio	0.000	Dark Signal	2306
CIE u',v'	0.2528,0.0176	CIE1931 X	47.679	PAR(mW)	1923.975	Compensate level	2908
SDCM	122.30	CIE1931 Y	1.475	EchA(mW)	266.789	Voltage(V)	24.980
Ra	-83.0	CIE1931 Z	228.208	EchB(mW)	87.501	Current(A)	0.240
Φe(W)	1.924	TLCI-2012	0	PPF(umol/s)	2.987	Power(W)	5.995
Ebh(mW)	0.04	FlickerFrequency Hz	0.00	PPF_UV(umol/s)	3.305	Power Factor	1.000
Bek(uW/lm)	39.29	FluctuateDepth(%)	0.0	PPF_B(umol/s)	2.987		
S/P	59.092	BinkPercent(%)	0.0	PPF_G(umol/s)	0.000		
TM-30 Rf	0.00	BinkExponent	0.00	PPF_R(umol/s)	0.000		
TM-30 Rg	0.00	Φeb(mW)	986.719	PPF_FR(umol/s)	0.007		
Dominant(nm)	418.10	Φey(mW)	0.000	PPF_IR(umol/s)	0.300		

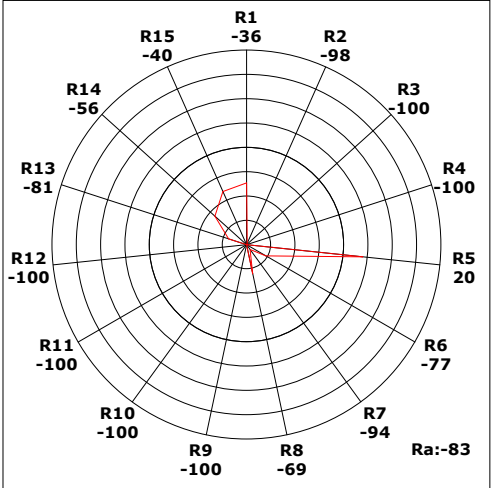
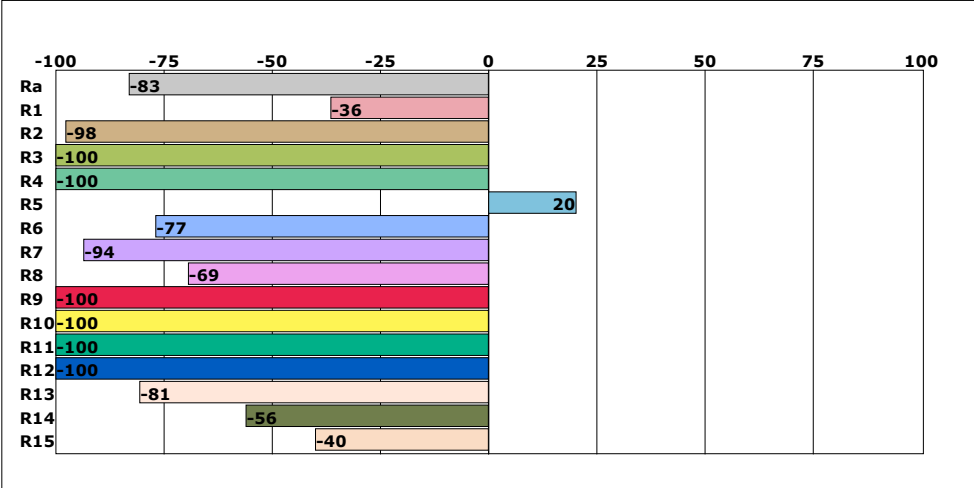
Spectrogram



CIE1931



CRI



Instrument Status

Type: OHSP-350M
Integral Time: 49.000ms

SN: 352112630
VPeak: 63681

Scan Range: 350-800nm
VDark: 2306

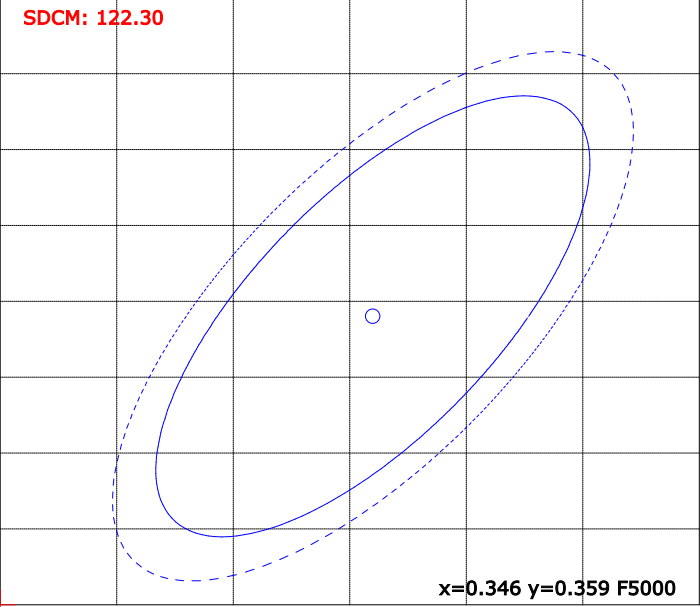
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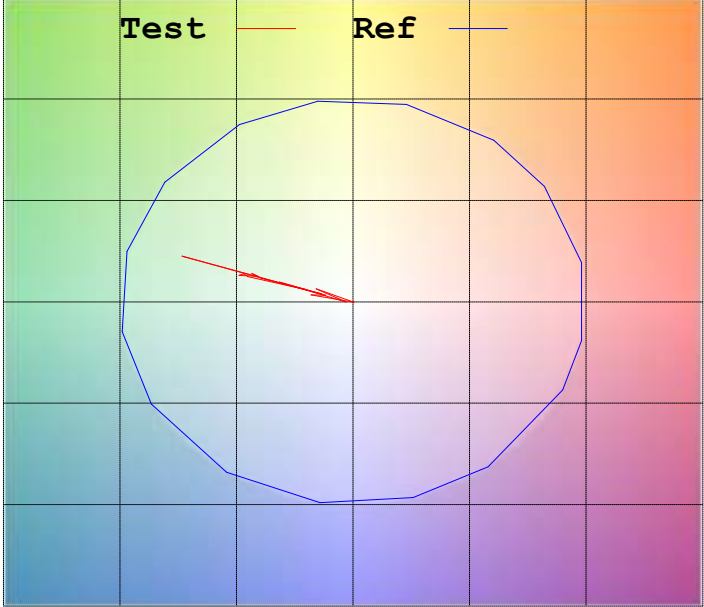
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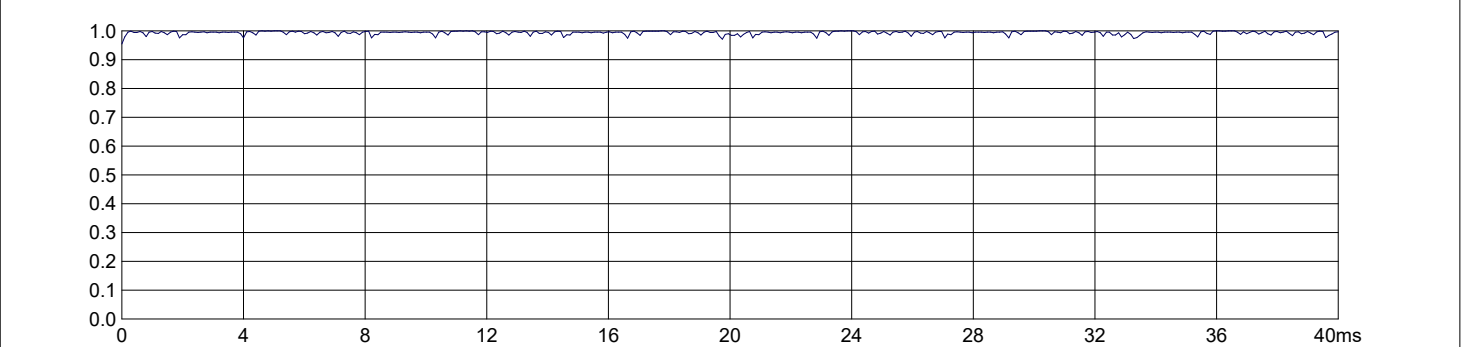
SDCM



TM30



Flicker



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