

# Luminous Test Report

## Product Mark

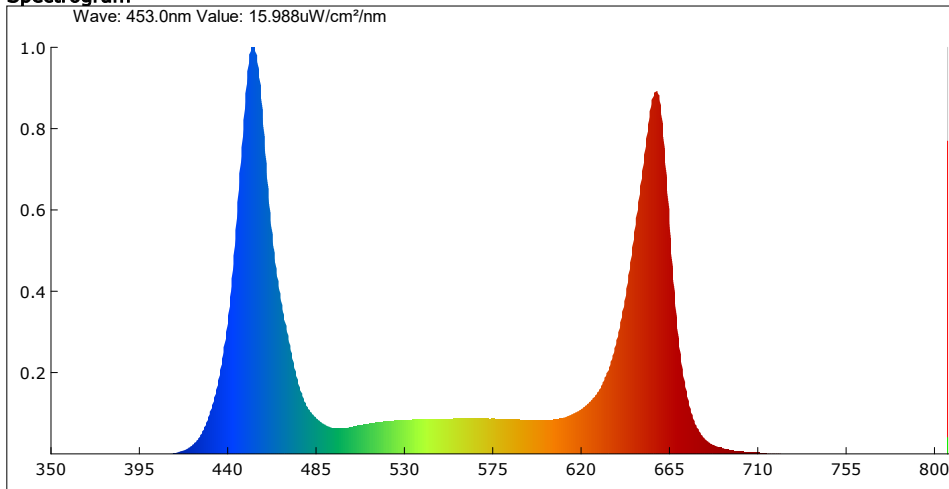
Model: 2835-128-CP1  
Temperature: 20°C  
Tester: Florian Bergmann

Manufacture: LED-Emotion  
Humidity: 65%  
Test Date: 2023-09-18,20:29:56

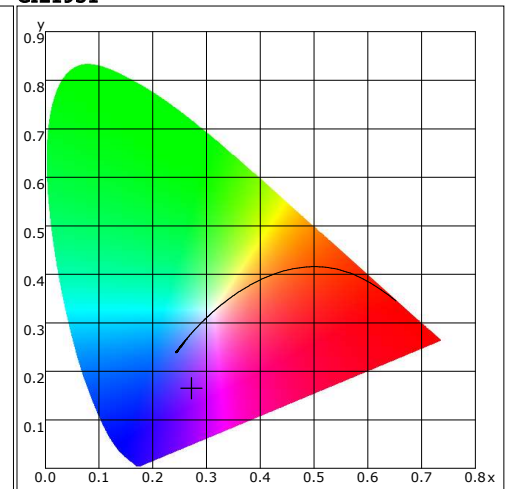
## Parameter

Name	Value	Name	Value	Name	Value	Name	Value
Φ(lm)	1273.84	Purity(%)	69.2	Φ <sub>er</sub> (mW)	4069.114	Kppfv(umol/s/klm)	0.000
η(lm/W)	55.38	HalfWidth(nm)	19.6	Φ <sub>eu</sub> (mW)	0.000	YPF(umol/s)	37.412
CCT(K)	100000	Peak(nm)	453.7	Φ <sub>ef</sub> (mW)	0.000	Φ <sub>ep</sub> (mW)	7932.125
Duv	-0.07348	Center(nm)	454.0	Φ <sub>ei</sub> (mW)	0.000	Integral Time(ms)	11
CIE x,y	0.2720,0.1647	Centroid(nm)	553.8	Φ <sub>ec</sub> (mW)	0.000	Peak Signal	50418
CIE u,v	0.2455,0.2229	Color Ratio(RGB)	28.9,59.4,11.8	Φ <sub>eb</sub> Ratio	1.003	Dark Signal	2680
CIE u',v'	0.2455,0.3344	CIE1931 X	3080.582	PAR(mW)	9456.044	Compensate level	2904
SDCM	67.55	CIE1931 Y	1865.070	EchA(mW)	0.000	Voltage(V)	24.000
Ra	15.0	CIE1931 Z	6381.502	EchB(mW)	0.000	Current(A)	0.960
Φ <sub>e</sub> (W)	9.456	TLCI-2012	20	PPF(umol/s)	43.713	Power(W)	23.000
Ebh(mW)	0.33	FlickerFrequency Hz	0.00	PPF <sub>UV</sub> (umol/s)	0.000	Power Factor	1.000
Bek(uW/lm)	0.26	FluctuateDepth(%)	0.0	PPF <sub>B</sub> (umol/s)	15.484		
S/P	3.717	BinkPercent(%)	0.0	PPF <sub>G</sub> (umol/s)	6.086		
TM-30 Rf	35.10	BinkExponent	0.00	PPF <sub>R</sub> (umol/s)	22.143		
TM-30 Rg	135.50	Φ <sub>eb</sub> (mW)	4056.382	PPF <sub>FR</sub> (umol/s)	34.316		
Dominant(nm)	566.80	Φ <sub>ey</sub> (mW)	1319.208	PPF <sub>IR</sub> (umol/s)	0.067		

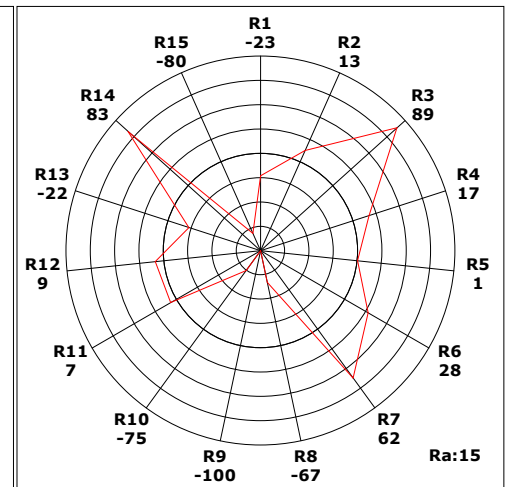
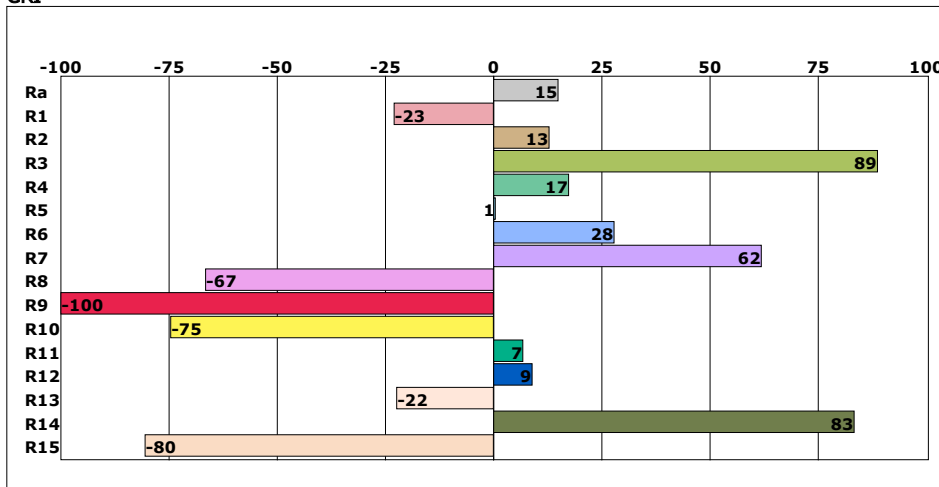
## Spectrogram



## CIE1931



## CRI



## Instrument Status

Type: OHSP-350M  
Integral Time: 11.000ms

SN: 0  
VPeak: 50418

Scan Range: 350-800nm  
VDark: 2680

Remark:

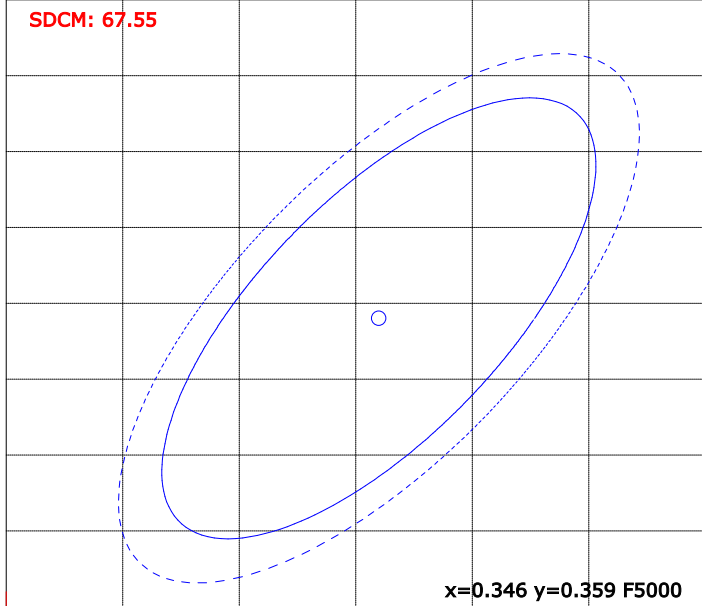
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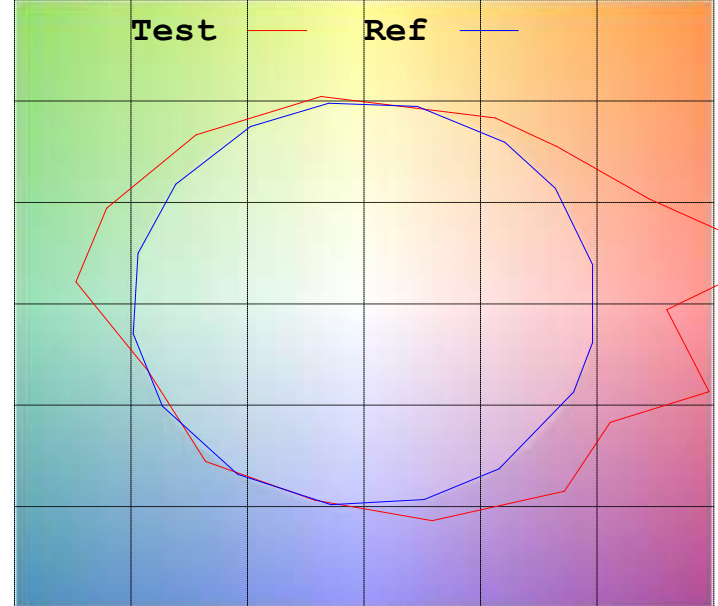
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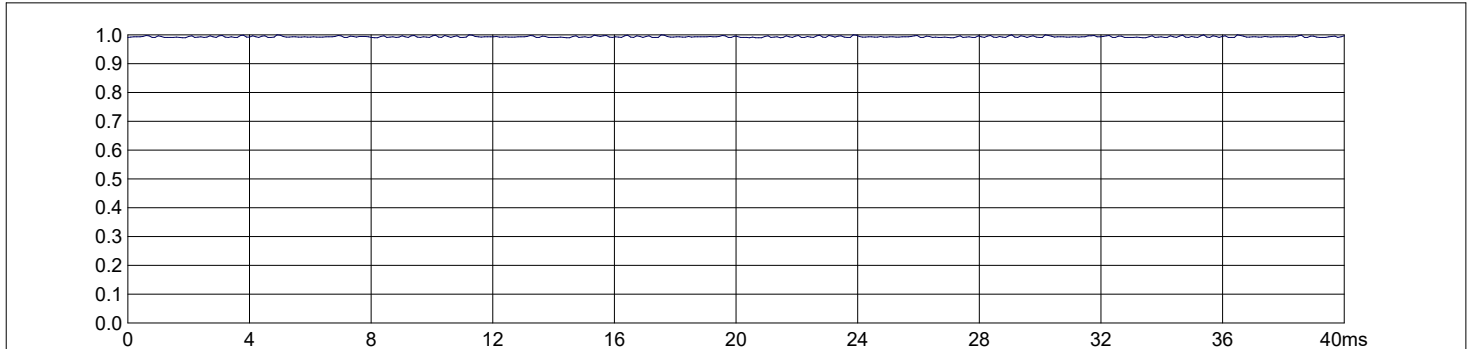
**SDCM**



**TM30**



**Flicker**



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VDark: 2680

Remark: