

Luminous Test Report

Product Mark

Model: 2835-128-CP1

Temperature: 20°C

Tester: Florian Bergmann

Manufacture: LED-Emotion

Humidity: 65%

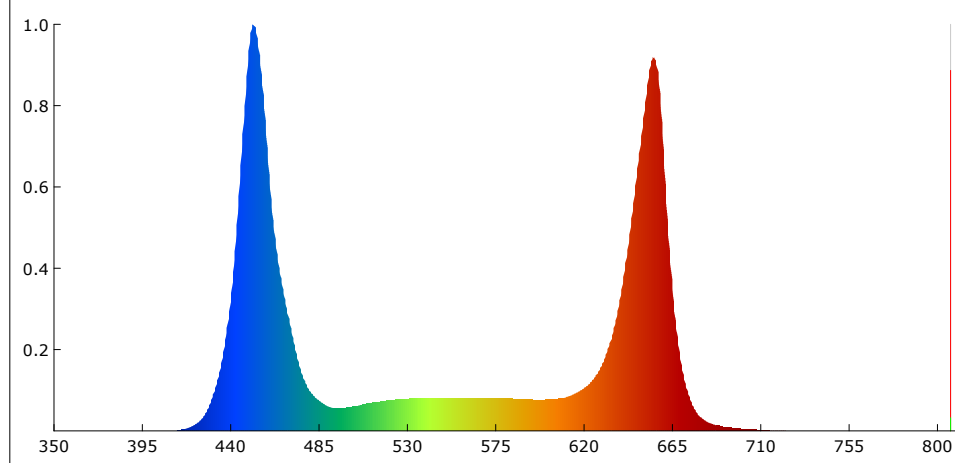
Test Date: 2023-09-15,23:27:35

Parameter

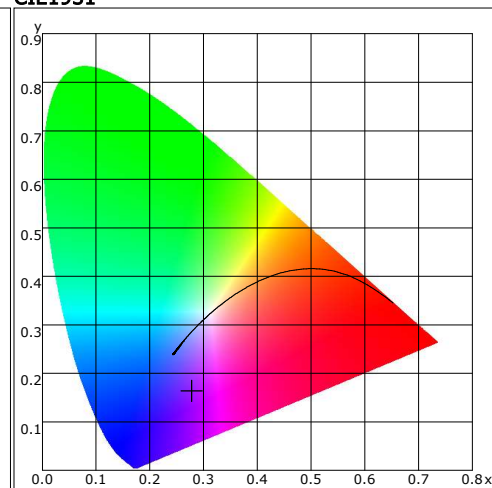
Name	Value	Name	Value	Name	Value	Name	Value
$\Phi(\text{lm})$	1212.02	Purity(%)	67.9	$\Phi_{\text{er}}(\text{mW})$	3872.959	$\text{Kppfv}(\mu\text{mol/s/klm})$	0.000
$\eta(\text{lm/W})$	52.70	HalfWidth(nm)	18.7	$\Phi_{\text{euv}}(\text{mW})$	0.000	YPF($\mu\text{mol/s}$)	35.292
CCT(K)	100000	Peak(nm)	452.6	$\Phi_{\text{efr}}(\text{mW})$	9.872	$\Phi_{\text{ep}}(\text{mW})$	7508.568
Duv	-0.07995	Center(nm)	453.1	$\Phi_{\text{eir}}(\text{mW})$	0.000	Integral Time(ms)	13
CIE x,y	0.2778,0.1636	Centroid(nm)	553.1	$\Phi_{\text{ec}}(\text{mW})$	8924.642	Peak Signal	58111
CIE u,v	0.2521,0.2227	Color Ratio(RGB)	30.7,58.0,11.3	Φ_{erb} Ratio	1.015	Dark Signal	2165
CIE u',v'	0.2521,0.3341	CIE1931 X	3013.001	PAR(mW)	8924.642	Compensate level	2914
SDCM	68.72	CIE1931 Y	1774.553	EchA(mW)	337.261	Voltage(V)	24.000
Ra	6.7	CIE1931 Z	6059.334	EchB(mW)	97.026	Current(A)	0.000
$\Phi_{\text{e}}(\text{W})$	8.904	TLCI-2012	19	PPF($\mu\text{mol/s}$)	41.211	Power(W)	23.000
Ebh(mW)	0.31	FlickerFrequency Hz	0.00	PPF_UV($\mu\text{mol/s}$)	0.000	Power Factor	1.000
Bek($\mu\text{W/lm}$)	0.26	FluctuateDepth(%)	0.0	PPF_B($\mu\text{mol/s}$)	14.548		
S/P	3.634	BinkPercent(%)	0.0	PPF_G($\mu\text{mol/s}$)	5.653		
TM-30 Rf	30.60	BinkExponent	0.00	PPF_R($\mu\text{mol/s}$)	21.010		
TM-30 Rg	140.10	$\Phi_{\text{eb}}(\text{mW})$	3816.359	PPF_FR($\mu\text{mol/s}$)	34.002		
Dominant(nm)	565.90	$\Phi_{\text{ey}}(\text{mW})$	1225.456	PPF_IR($\mu\text{mol/s}$)	0.059		

Spectrogram

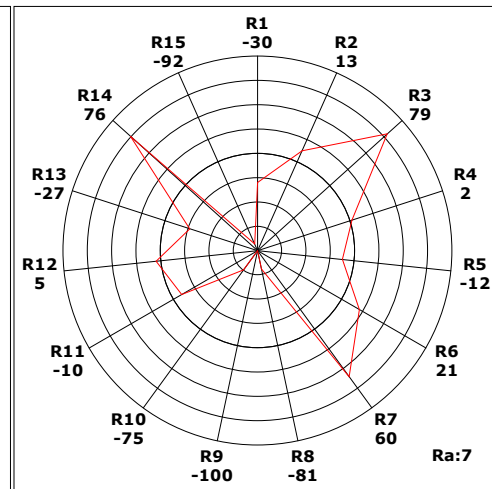
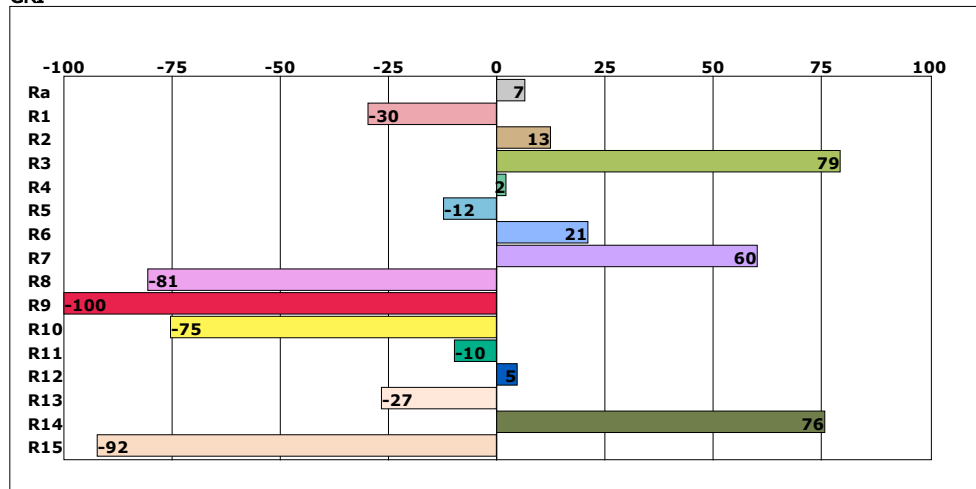
Wave: 452.0nm Value: 15.985uW/cm²/nm



CIE1931



CRI



Instrument Status

Type: OHSP-350M

Integral Time: 13.000ms

SN: 0

VPeak: 58111

Scan Range: 350-800nm

VDark: 2165

Remark:

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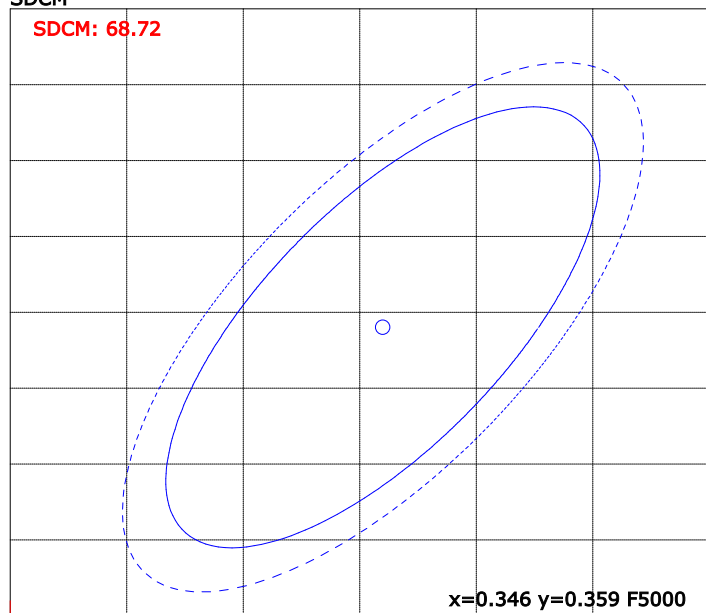
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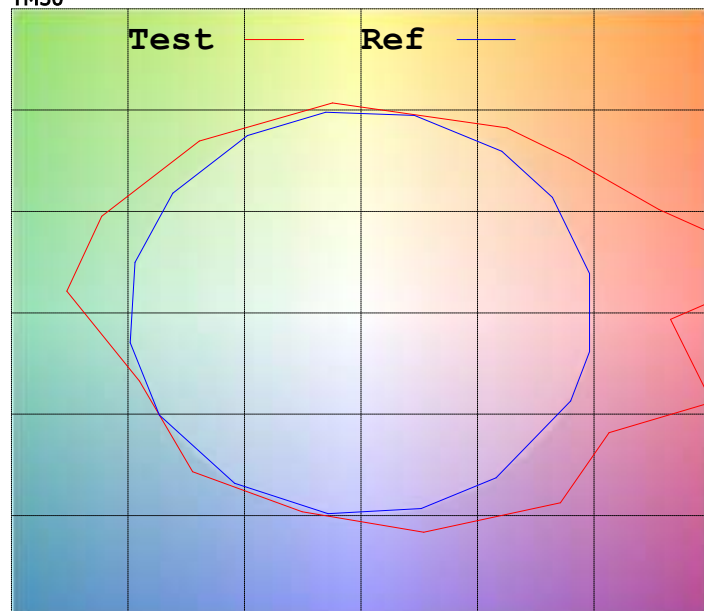
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SDCM

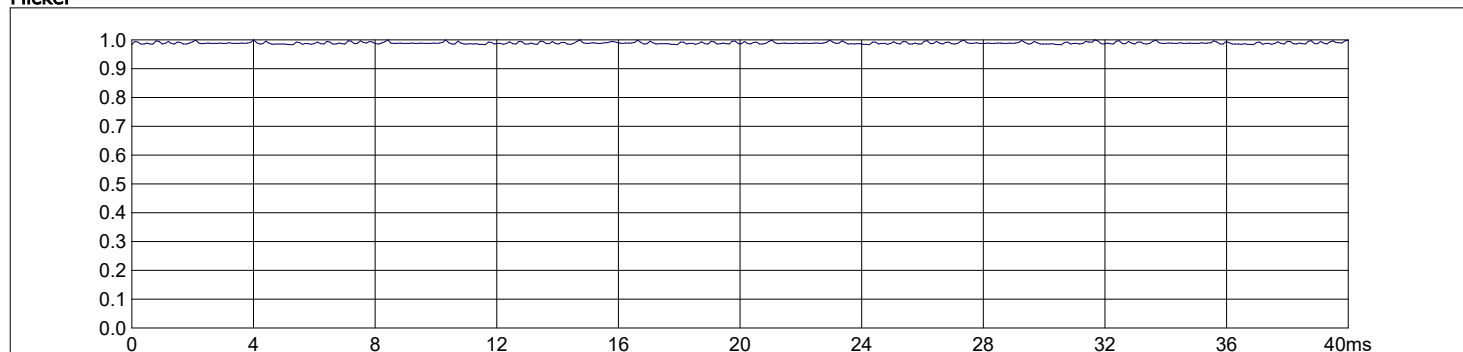
SDCM: 68.72



TM30



Flicker



Instrument Status

Type: OHSP-350M

Integral Time: 13.000ms

SN: 0

VPeak: 58111

Scan Range: 350-800nm

VDark: 2165

Remark: