

Luminous Test Report

Product Mark

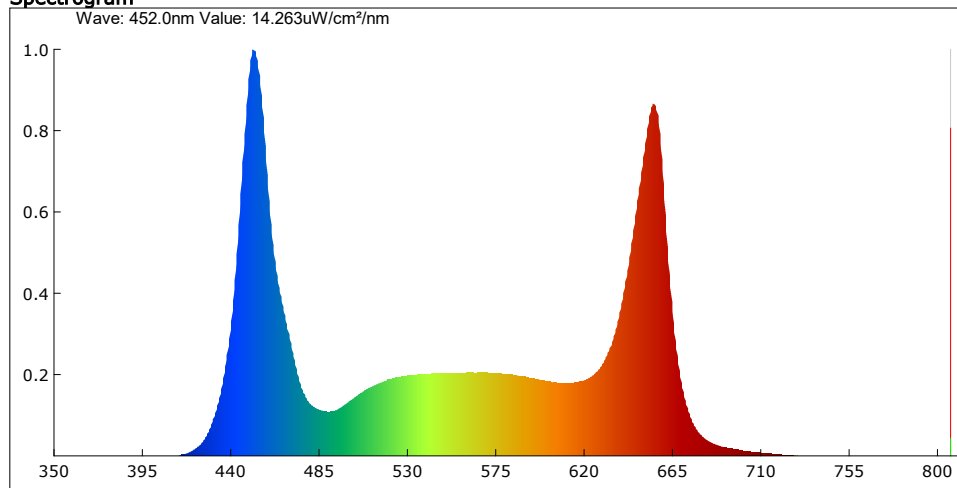
Model: 2835-128-BLOOM
Temperature: 20°C
Tester: Florian Bergmann

Manufacture: LED-Emotion
Humidity: 65%
Test Date: 2023-09-16,00:30:14

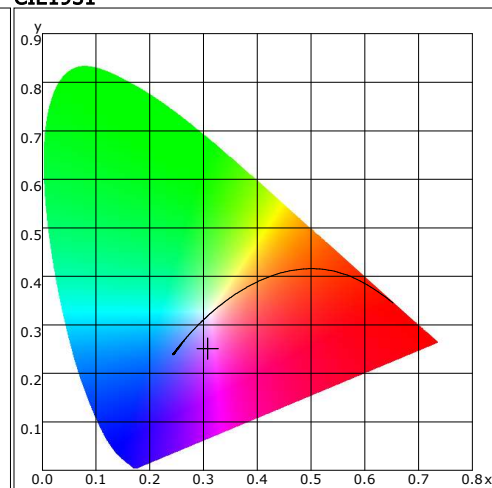
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
$\Phi(\text{lm})$	2162.56	Purity(%)	32.7	$\Phi_{\text{er}}(\text{mW})$	3893.769	$\text{Kppfv}(\mu\text{mol/s/klm})$	0.000
$\eta(\text{lm/W})$	94.02	HalfWidth(nm)	18.4	$\Phi_{\text{euv}}(\text{mW})$	0.000	$\text{YPF}(\mu\text{mol/s})$	40.934
CCT(K)	8753	Peak(nm)	452.6	$\Phi_{\text{efr}}(\text{mW})$	26.588	$\Phi_{\text{ep}}(\text{mW})$	8683.534
Duv	-0.04058	Center(nm)	453.2	$\Phi_{\text{eir}}(\text{mW})$	0.000	Integral Time(ms)	13
CIE x,y	0.3077,0.2503	Centroid(nm)	555.0	$\Phi_{\text{ec}}(\text{mW})$	10256.732	Peak Signal	52851
CIE u,v	0.2284,0.2787	Color Ratio(RGB)	21.3,72.6,6.1	$\Phi_{\text{erb}} \text{ Ratio}$	1.083	Dark Signal	2811
CIE u',v'	0.2284,0.4181	CIE1931 X	3891.946	PAR(mW)	10256.732	Compensate level	2914
SDCM	38.17	CIE1931 Y	3166.269	EchA(mW)	300.450	Voltage(V)	24.000
Ra	60.1	CIE1931 Z	5591.854	EchB(mW)	86.064	Current(A)	0.000
$\Phi_{\text{e}}(\text{W})$	10.257	TLCI-2012	55	PPF($\mu\text{mol/s}$)	47.428	Power(W)	23.000
Ebh(mW)	0.29	FlickerFrequency Hz	0.00	PPF_UV($\mu\text{mol/s}$)	0.000	Power Factor	1.000
Bek($\mu\text{W/lm}$)	0.13	FluctuateDepth(%)	0.0	PPF_B($\mu\text{mol/s}$)	13.756		
S/P	2.580	BinkPercent(%)	0.0	PPF_G($\mu\text{mol/s}$)	12.651		
TM-30 Rf	65.50	BinkExponent	0.00	PPF_R($\mu\text{mol/s}$)	21.021		
TM-30 Rg	117.40	$\Phi_{\text{eb}}(\text{mW})$	3594.898	PPF_FR($\mu\text{mol/s}$)	21.932		
Dominant(nm)	565.40	$\Phi_{\text{ey}}(\text{mW})$	2741.473	PPF_IR($\mu\text{mol/s}$)	0.158		

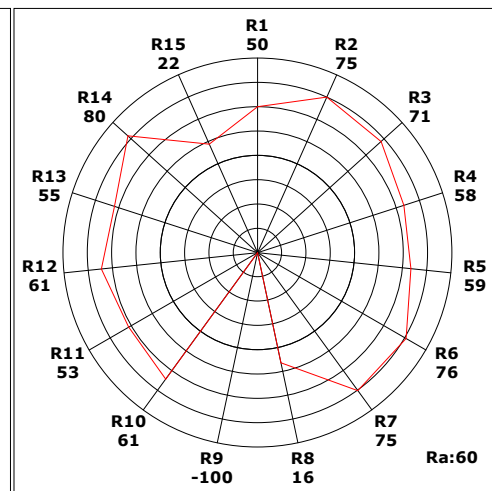
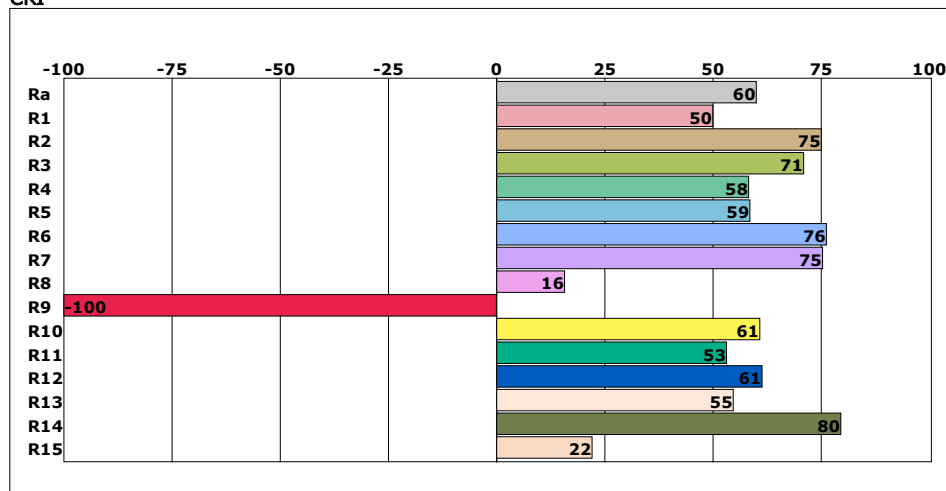
Spectrogram



CIE1931



CRI



Instrument Status

Type: OHSP-350M
Integral Time: 13.000ms

SN: 0
VPeak: 52851

Scan Range: 350-800nm
VDark: 2811

Remark:

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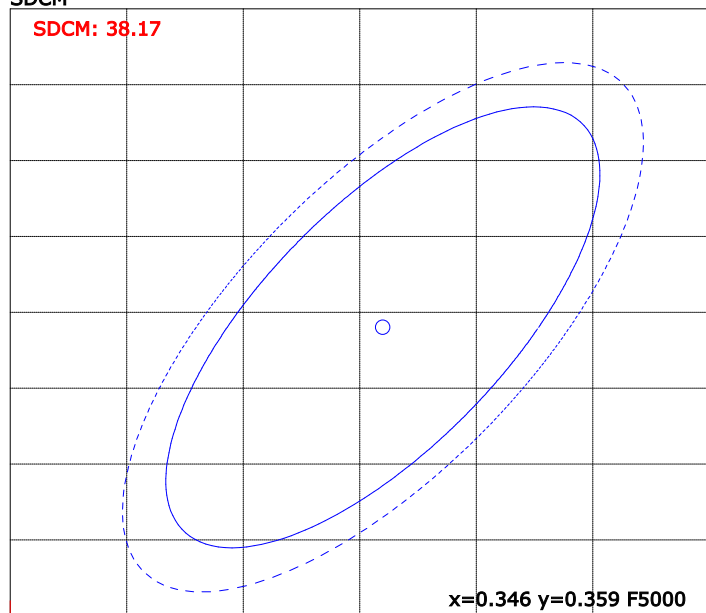
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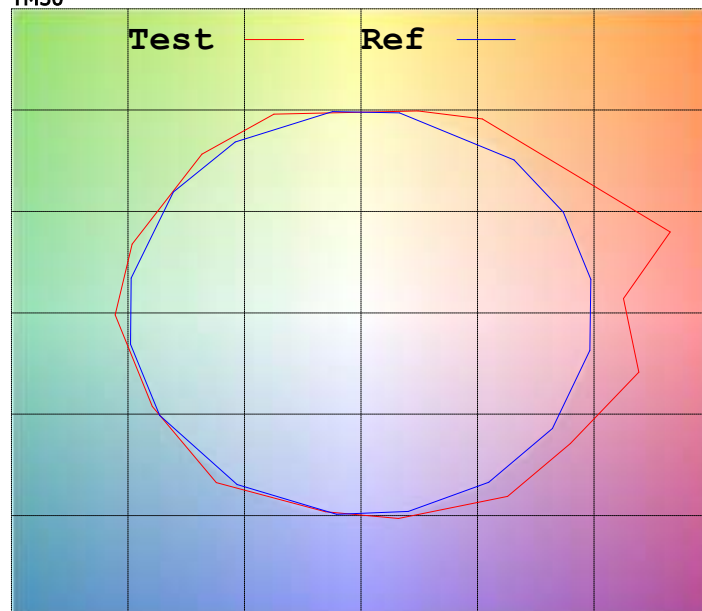
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SDCM

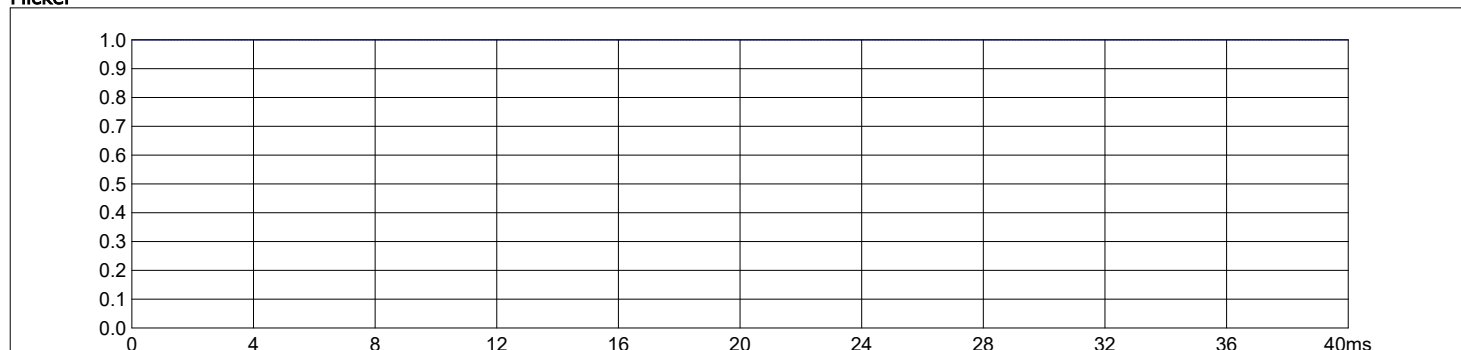
SDCM: 38.17



TM30



Flicker



Instrument Status

Type: OHSP-350M
Integral Time: 13.000ms

SN: 0
VPeak: 52851

Scan Range: 350-800nm
VDark: 2811

Remark: