

LED Test Report

Product Mark

Product Type : F52-290-060822-BH5

Manufacturer :

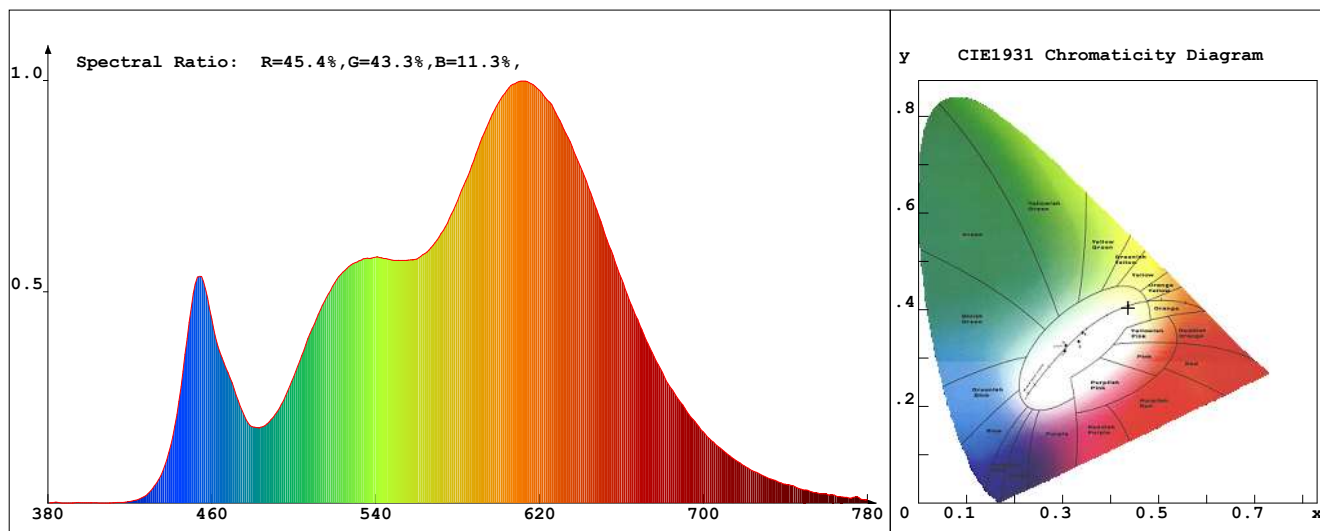
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 10:22:36

Remark: BIN WS-2 LOTTO 364



Chroma Parameters

Chro.Coord.: $x=0.4366$ $y=0.4034$ $u=0.2506$ $v=0.3474$ $duv=-0.0002$

CCT: 3000K Dominant Wave.: 582.9nm Purity: 52.1% Centre Wave: 589.1nm

Flux RGB Ratio: R=23.8%, G=74.5%, B=1.7% Peak Wave: 611.6nm Half Width: 144.4nm

Rendering Index: Ra= 92.0 CRI= 89.3

R1 =93 R2 =97 R3 =98 R4 =95 R5 =94 R6 =96 R7 =89 R8 =75

R9 =42 R10=91 R11=96 R12=79 R13=95 R14=98 R15=86

PPF: 16.411 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.4mW (400-700nm)

PAR: 3.0mW (400-700nm)

Photo Parameters

Flux: 1159.19lm Effi.: 89.1lm/W Radiant: 3493.4mW Iv: 0.0mcd

Scotopic Flux: 1638.0Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 17052.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=528.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.65\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=13.031\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 137.752ms

VPeak: 14136

VDark: 1279

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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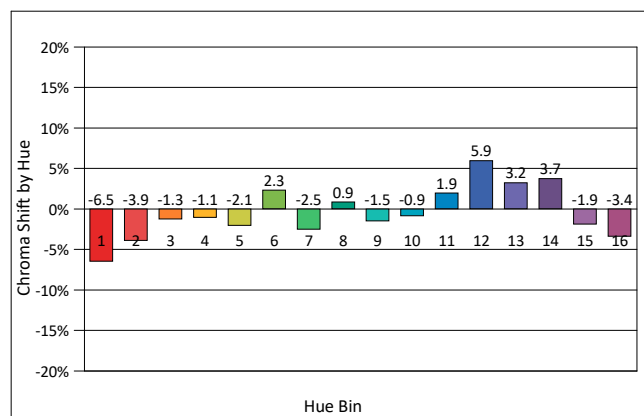
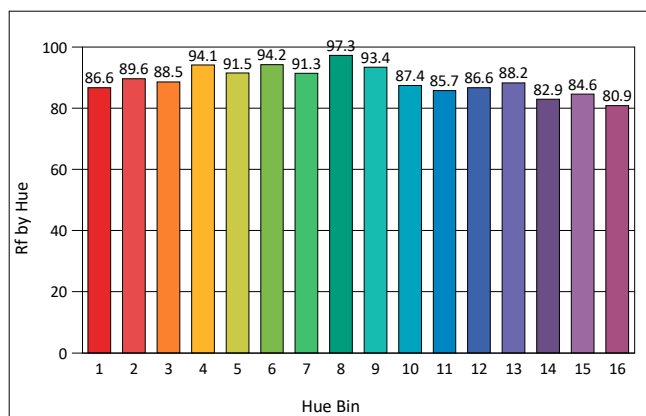
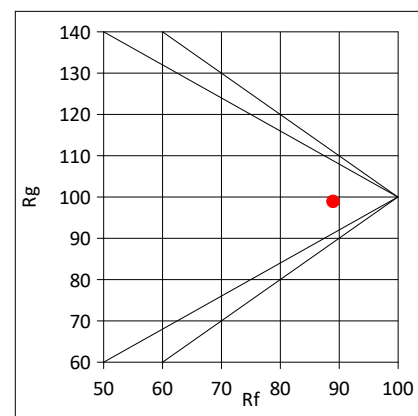
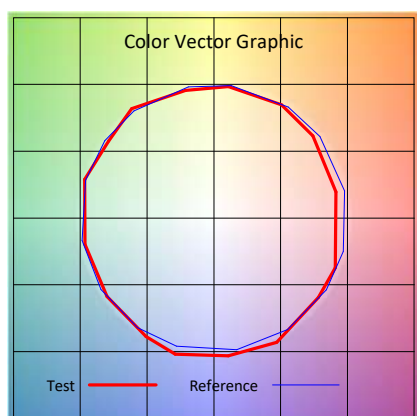
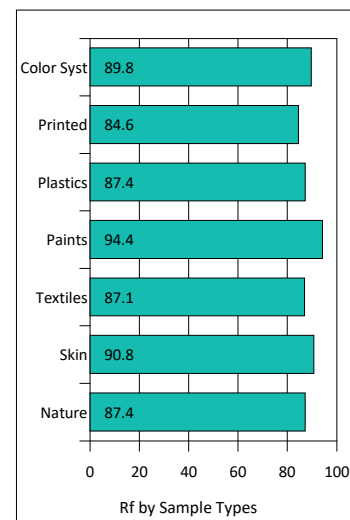
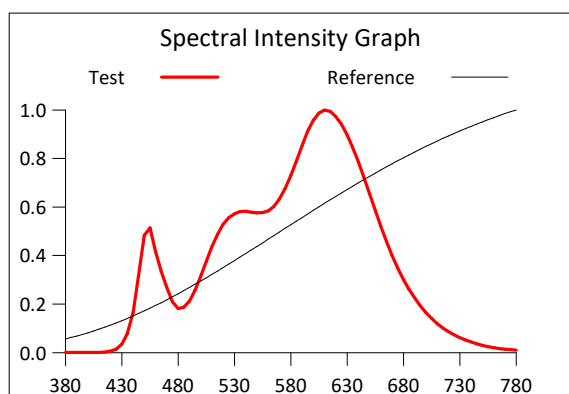
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Rf: 89.0 CCT(K): 3000 u': 0.2506
 Rg: 98.9 LER: 317.6 Duv: -0.0002 v': 0.3474

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.6	-6.5%	0.4%
2	89.6	-3.9%	3.2%
3	88.5	-1.3%	5.0%
4	94.1	-1.1%	1.9%
5	91.5	-2.1%	2.7%
6	94.2	2.3%	0.7%
7	91.3	-2.5%	-1.2%
8	97.3	0.9%	-0.3%
9	93.4	-1.5%	3.1%
10	87.4	-0.9%	7.0%
11	85.7	1.9%	9.1%
12	86.6	5.9%	0.2%
13	88.2	3.2%	-7.0%
14	82.9	3.7%	-12.0%
15	84.6	-1.9%	-8.1%
16	80.9	-3.4%	-13.1%



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