

LED Test Report

Product Mark

Product Type : F52-260-060321

Manufacturer :

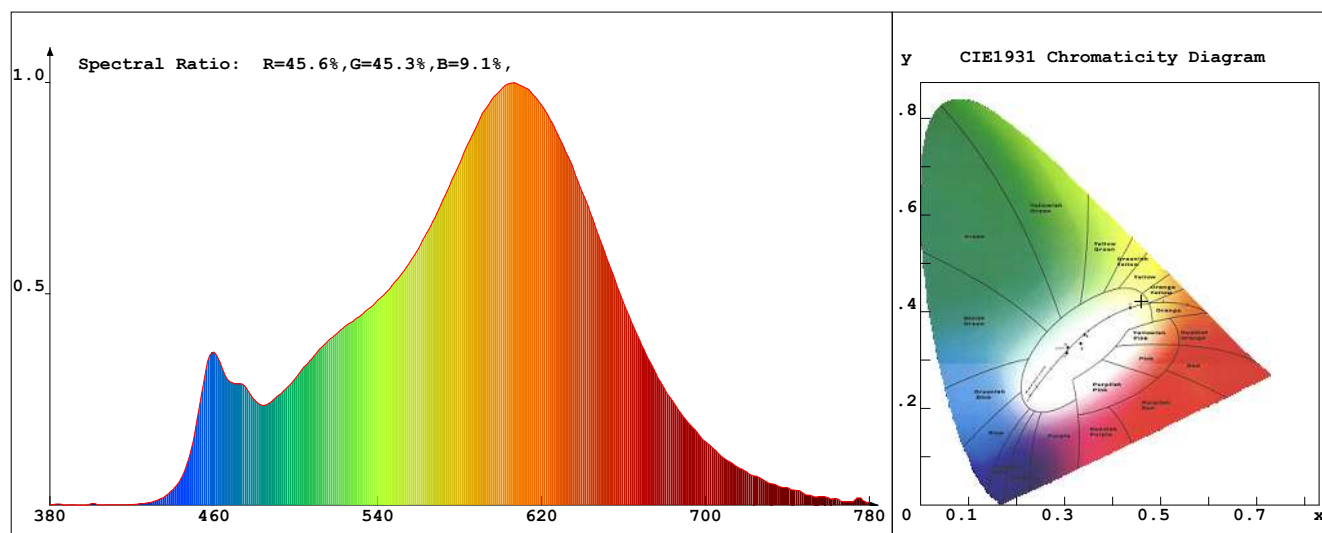
Temperature : 'C

Humidity : %

Operator :

Test Date : 02-09-21 15:23:08

Remark: BIN OS-2 LOTTO 400



Chroma Parameters

Chro.Coord.: $x=0.4599$ $y=0.4212$ $u=0.2578$ $v=0.3542$ $duv=0.0039$

CCT: 2782K Dominant Wave.: 582.6nm Purity: 64.5% Centre Wave: 600.4nm

Flux RGB Ratio: $R=23.6\%$, $G=74.7\%$, $B=1.7\%$ Peak Wave: 604.8nm Half Width: 113.5nm

Rendering Index: $R_a=82.9$ CRI= 80.5

$R_1=82$	$R_2=94$	$R_3=93$	$R_4=80$	$R_5=83$	$R_6=95$	$R_7=81$	$R_8=57$
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$R_9=8$	$R_{10}=86$	$R_{11}=80$	$R_{12}=75$	$R_{13}=85$	$R_{14}=97$	$R_{15}=73$	
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PPF: 5.334 $\mu\text{mol/s}$ (400-700nm)

PRF: 1.1mW (400-700nm)

PAR: 1.0mW (400-700nm)

Photo Parameters

Flux: 391.62lm Effi.: 91.2lm/W Radiant: 1125.7mW Iv: 0.0mcd

Scotopic Flux: 501.9Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 5527.340 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=358.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=12.00\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=4.310\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 347.865ms

VPeak: 13464

VDark: 1357

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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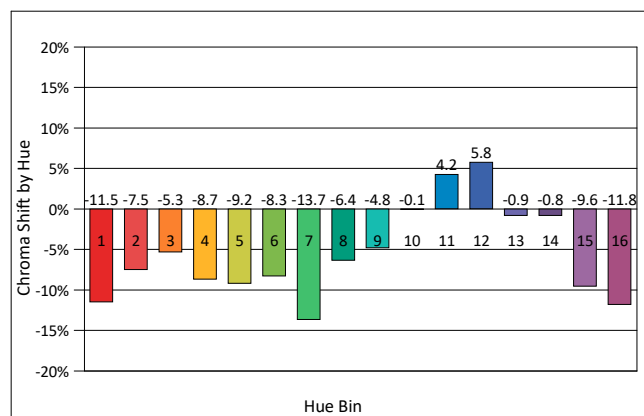
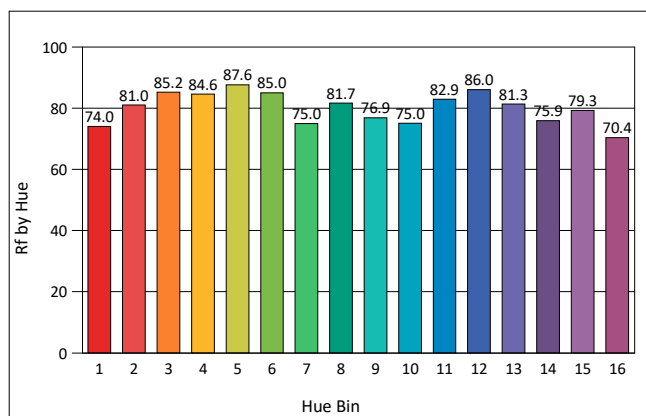
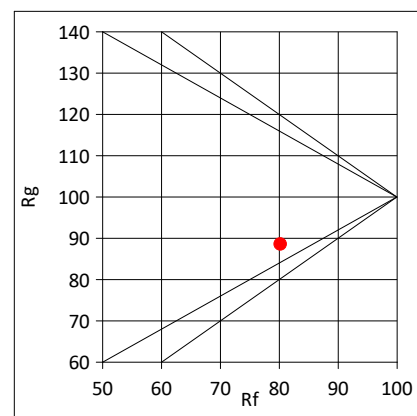
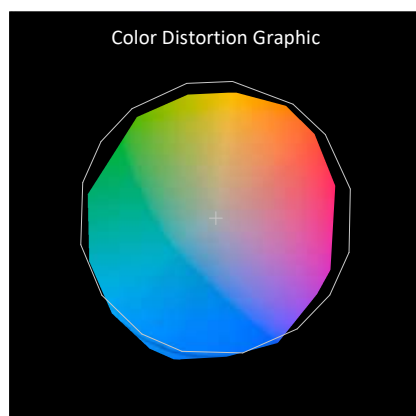
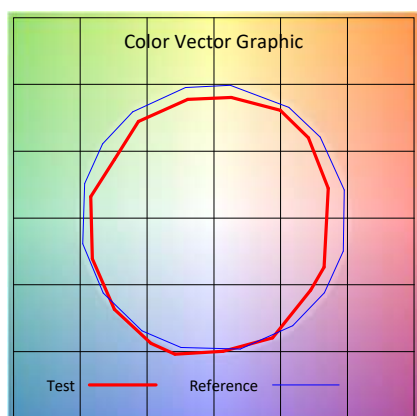
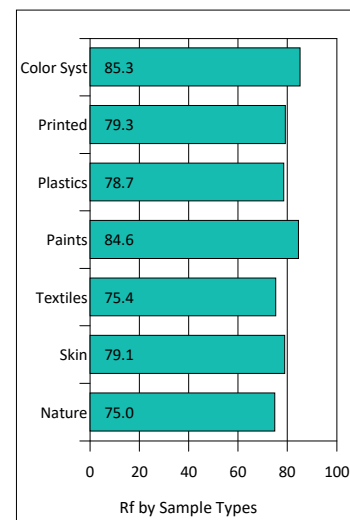
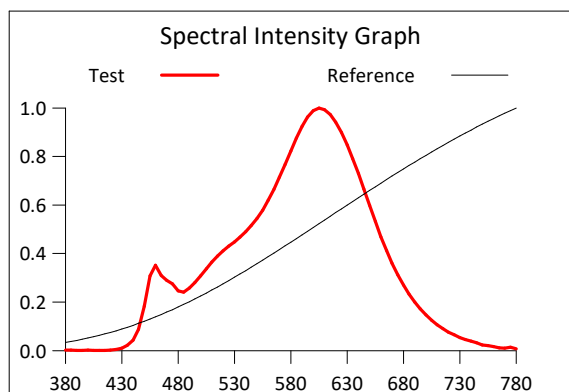
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Rf: 80.2 CCT(K): 2782 u': 0.2578
 Rg: 88.6 LER: 332.4 Duv: 0.0039 v': 0.3542

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.0	-11.5%	3.4%
2	81.0	-7.5%	4.6%
3	85.2	-5.3%	4.2%
4	84.6	-8.7%	-2.4%
5	87.6	-9.2%	0.1%
6	85.0	-8.3%	0.3%
7	75.0	-13.7%	4.8%
8	81.7	-6.4%	8.6%
9	76.9	-4.8%	12.3%
10	75.0	-0.1%	14.6%
11	82.9	4.2%	10.8%
12	86.0	5.8%	-3.6%
13	81.3	-0.9%	-12.9%
14	75.9	-0.8%	-17.7%
15	79.3	-9.6%	-4.2%
16	70.4	-11.8%	-14.3%



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