

LED Test Report

Product Mark

Product Type : F52-30s-128824A

Manufacturer :

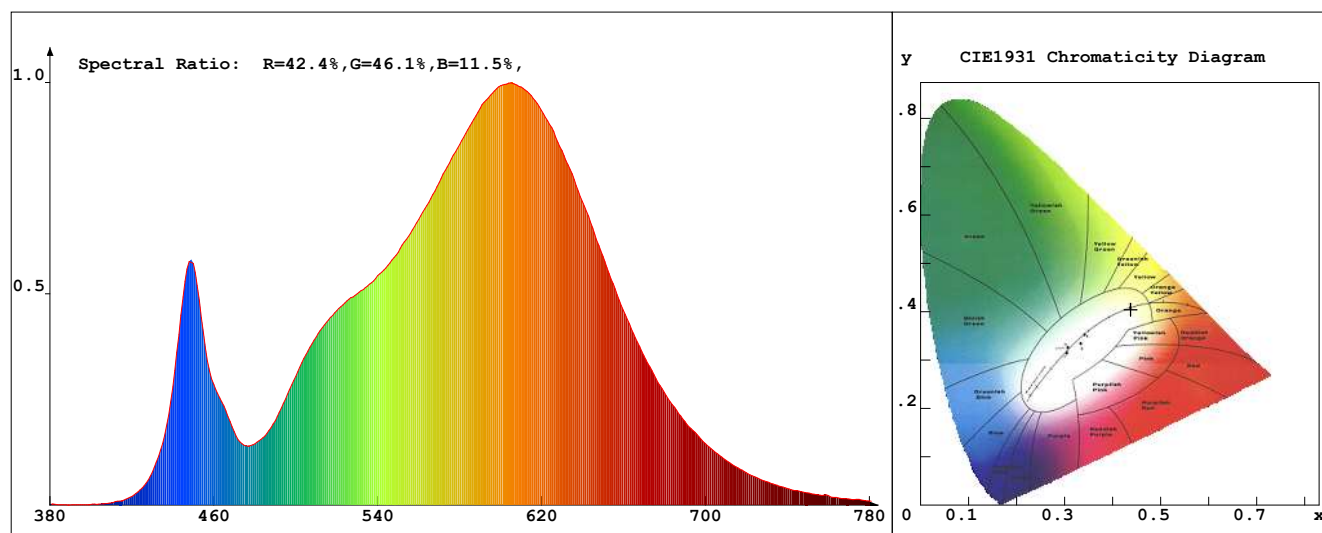
Temperature : 'C

Humidity : %

Operator :

Test Date : 18-10-21 15:09:39

Remark: BIN / LOTTO /



Chroma Parameters

Chro.Coord.: $x=0.4379$ $y=0.4041$ $u=0.2512$ $v=0.3477$ $duv=-0.0001$

CCT: 2984K Dominant Wave.: 582.9nm Purity: 52.8% Centre Wave: 592.2nm

Flux RGB Ratio: R=22.1%, G=76.5%, B=1.4% Peak Wave: 604.8nm Half Width: 126.6nm

Rendering Index: Ra= 82.0 CRI= 79.0

R1 =80 R2 =89 R3 =97 R4 =81 R5 =81 R6 =88 R7 =83 R8 =58

R9 =5 R10=76 R11=81 R12=71 R13=82 R14=99 R15=73

PPF: 28.738 $\mu\text{mol/s}$ (400-700nm)

PRF: 6.0mW (400-700nm)

PAR: 5.3mW (400-700nm)

Photo Parameters

Flux: 2105.38lm Effi.: 161.7lm/W Radiant: 6126.7mW Iv: 0.0mcd

Scotopic Flux: 2764.3Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 29754.500 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=286.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=45.52\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=13.031\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 76.211ms

VPeak: 15368

VDark: 1225

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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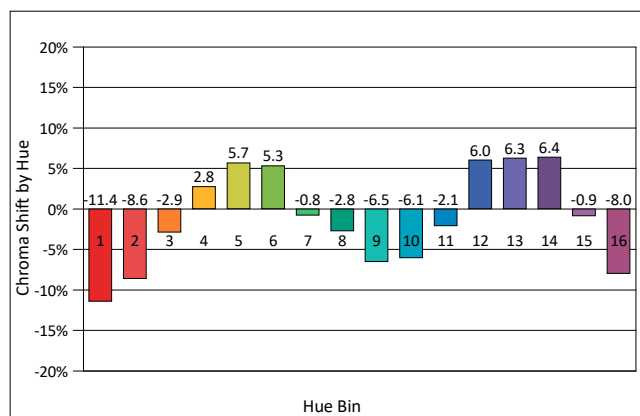
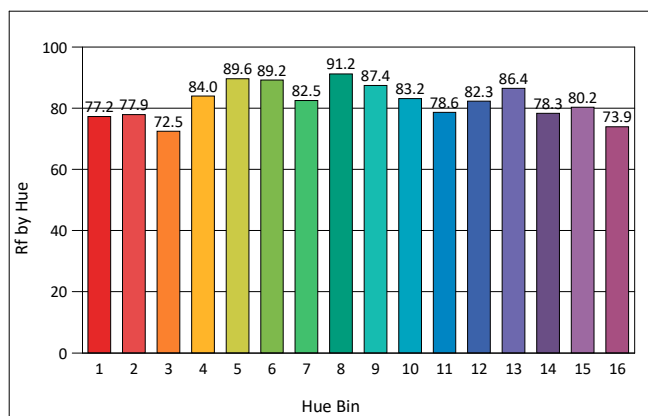
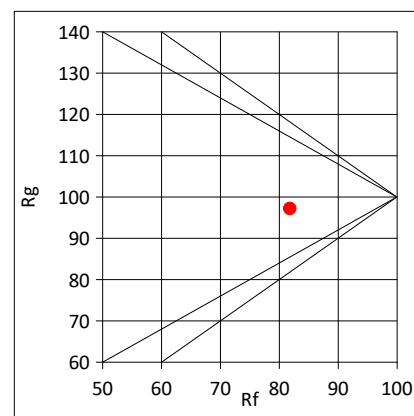
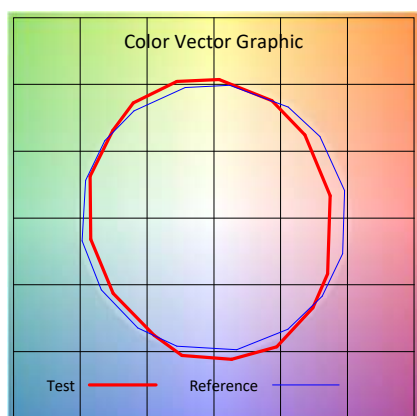
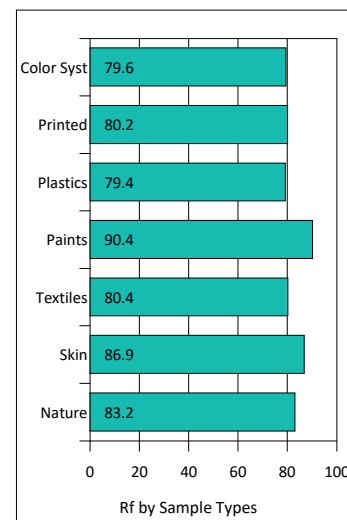
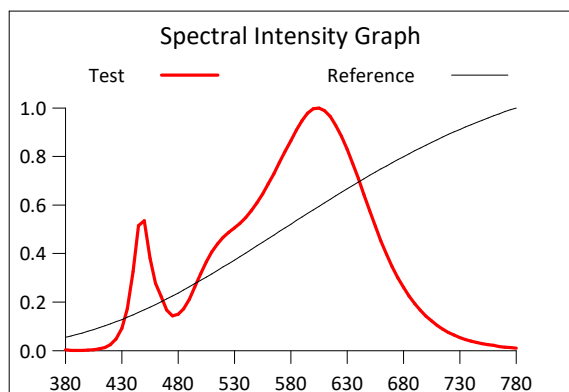
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Rf: 81.8 CCT(K): 2984 u': 0.2512
 Rg: 97.2 LER: 332.6 Duv: -0.0001 v': 0.3477

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.2	-11.4%	-1.5%
2	77.9	-8.6%	7.4%
3	72.5	-2.9%	12.8%
4	84.0	2.8%	8.7%
5	89.6	5.7%	5.3%
6	89.2	5.3%	-2.8%
7	82.5	-0.8%	-9.7%
8	91.2	-2.8%	-3.8%
9	87.4	-6.5%	0.1%
10	83.2	-6.1%	7.3%
11	78.6	-2.1%	13.3%
12	82.3	6.0%	5.1%
13	86.4	6.3%	-5.3%
14	78.3	6.4%	-14.4%
15	80.2	-0.9%	-11.0%
16	73.9	-8.0%	-16.9%



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