

LED Test Report

Product Mark

Product Type : F52-30S-X1288H2-13

Manufacturer :

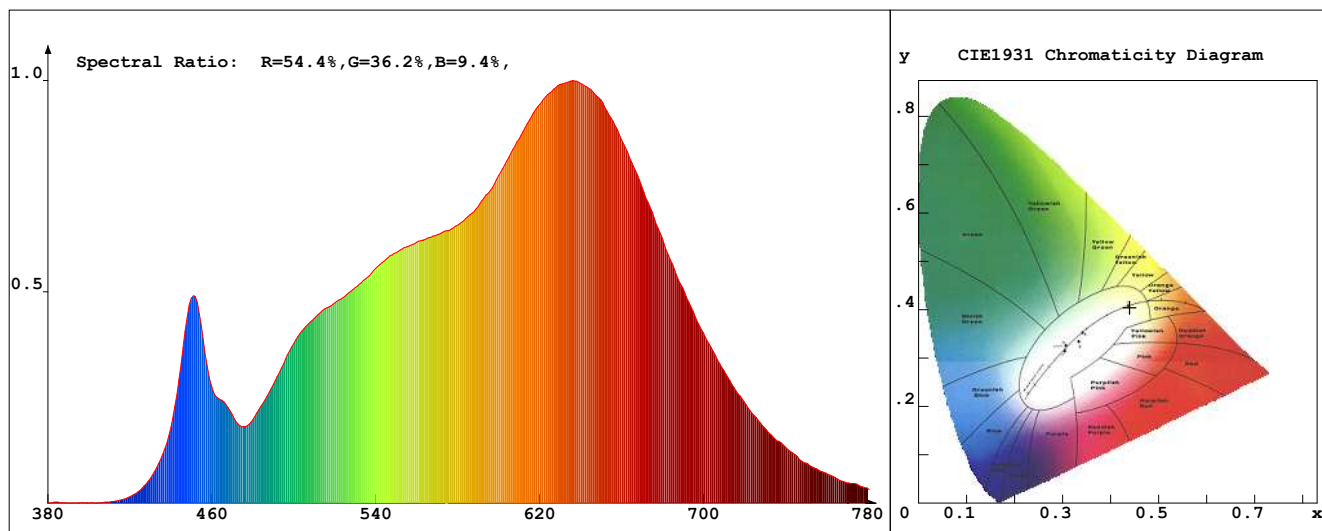
Temperature : CRI'C

Humidity : %

Operator :

Test Date : 01-03-22 15:16:33

Remark: BIN JKSTEP3 LOTTO 406



Chroma Parameters

Chro.Coord.: $x=0.4396$ $y=0.4040$ $u=0.2523$ $v=0.3478$ $duv=-0.0004$

CCT: 2955K Dominant Wave.: 583.1nm Purity: 53.2% Centre Wave: 608.2nm

Flux RGB Ratio: $R=24.8\%$, $G=73.5\%$, $B=1.7\%$ Peak Wave: 634.5nm Half Width: 163.0nm

Rendering Index: Ra= 98.0 CRI= 97.1

R1 =99 R2 =99 R3 =95 R4 =96 R5 =99 R6 =98 R7 =99 R8 =99

R9 =96 R10=97 R11=94 R12=90 R13=99 R14=96 R15=100

PPF: 24.205 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.9mW (400-700nm)

PAR: 4.3mW (400-700nm)

Photo Parameters

Flux: 1491.33lm Effi.: 127.4lm/W Radiant: 5292.0mW Iv: 0.0mcd

Scotopic Flux: 2149.9Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 26536.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=23.80\text{V}$ Current: $I=0.4920\text{A}$ Power: $P=11.720\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 94.802ms

VPeak: 15096

VDark: 1348

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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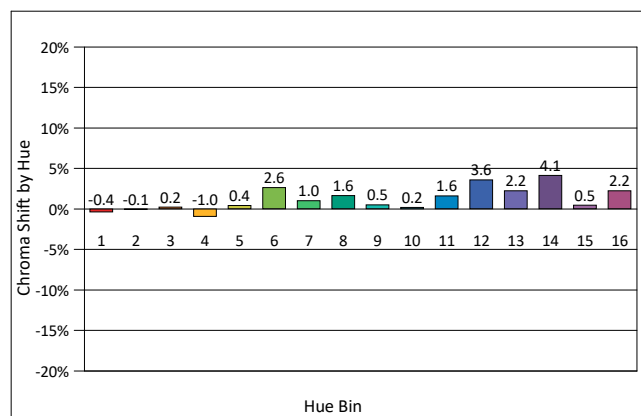
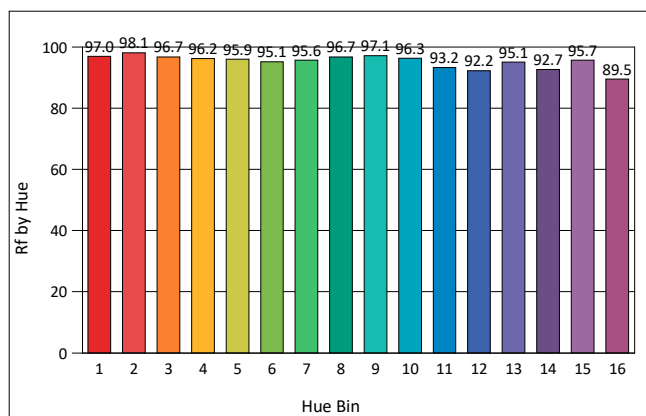
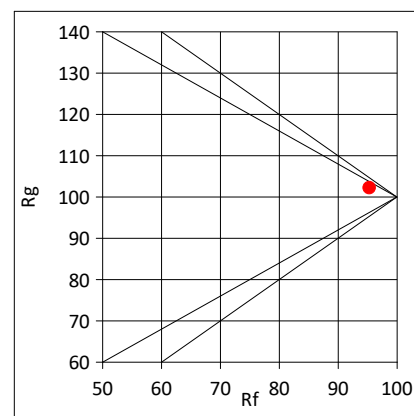
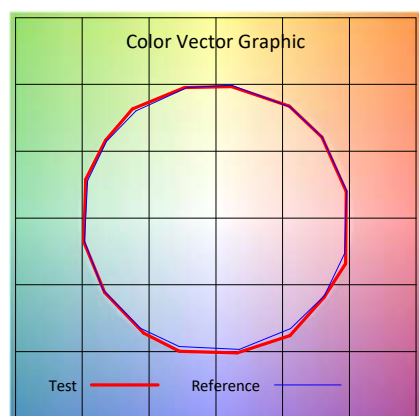
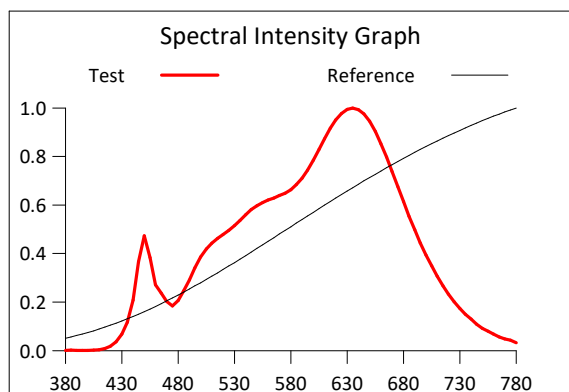
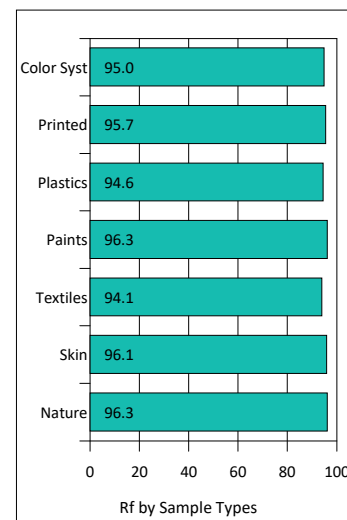
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Rf: 95.3 CCT(K): 2955 u': 0.2523
 Rg: 102.2 LER: 267.2 Duv: -0.0004 v': 0.3478

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	97.0	-0.4%	-0.7%
2	98.1	-0.1%	-0.2%
3	96.7	0.2%	1.1%
4	96.2	-1.0%	0.1%
5	95.9	0.4%	1.9%
6	95.1	2.6%	1.2%
7	95.6	1.0%	-0.0%
8	96.7	1.6%	-0.8%
9	97.1	0.5%	0.3%
10	96.3	0.2%	1.9%
11	93.2	1.6%	4.1%
12	92.2	3.6%	0.8%
13	95.1	2.2%	-2.2%
14	92.7	4.1%	-3.3%
15	95.7	0.5%	-1.1%
16	89.5	2.2%	-7.3%



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