

LED Test Report

Product Mark

Product Type : L52-300T-120D22

Manufacturer :

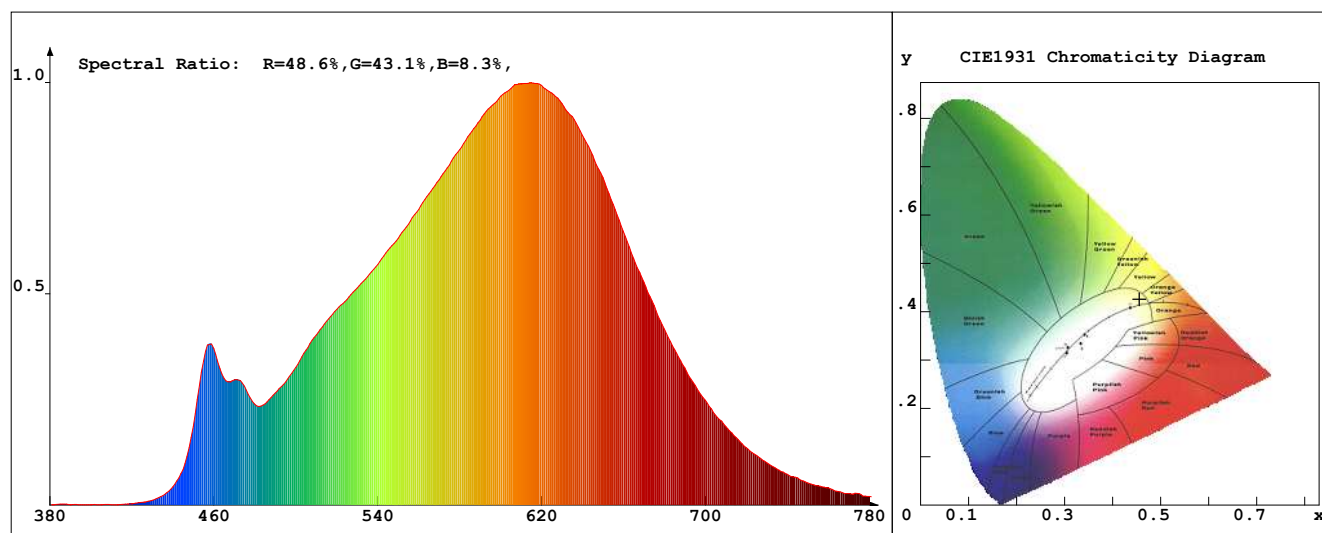
Temperature : 'C

Humidity : %

Operator :

Test Date : 01-03-22 14:34:17

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4558$ $y=0.4261$ $u=0.2532$ $v=0.3550$ $duv=0.0061$

CCT: 2877K Dominant Wave.: 581.5nm Purity: 64.8% Centre Wave: 598.8nm

Flux RGB Ratio: $R=23.1\%$, $G=75.3\%$, $B=1.6\%$ Peak Wave: 614.6nm Half Width: 144.9nm

Rendering Index: $R_a=86.6$ CRI= 83.1

R1 =85	R2 =93	R3 =99	R4 =84	R5 =84	R6 =92	R7 =88	R8 =70
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R9 =32	R10=83	R11=83	R12=70	R13=87	R14=99	R15=79	
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PPF: 10.210 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.1mW (400-700nm)

PAR: 1.9mW (400-700nm)

Photo Parameters

Flux: 715.90lm Effi.: 83.3lm/W Radiant: 2179.5mW Iv: 0.0mcd

Scotopic Flux: 932.9Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 10804.100 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=24.15\text{V}$ Current: $I=0.3560\text{A}$ Power: $P=8.610\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 205.851ms

VPeak: 13784

VDark: 1415

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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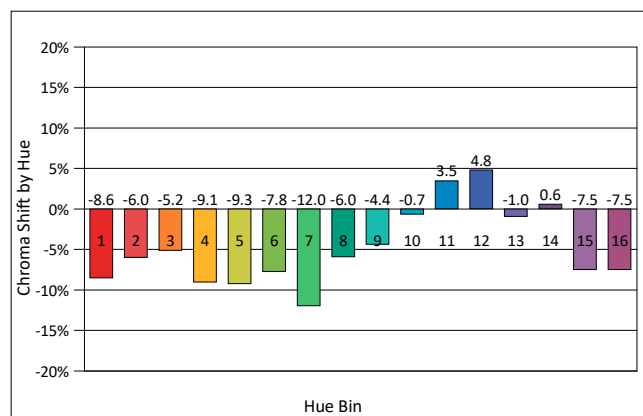
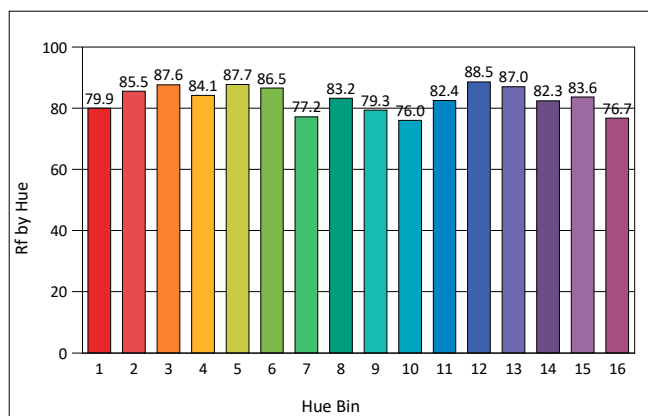
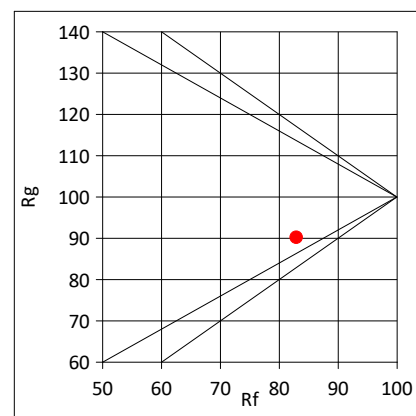
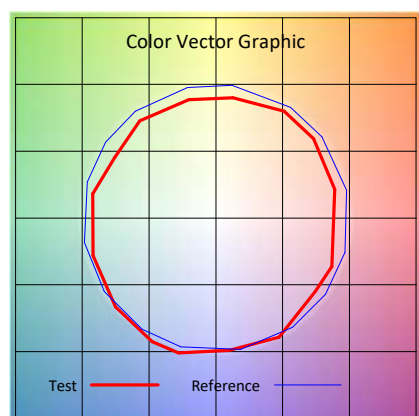
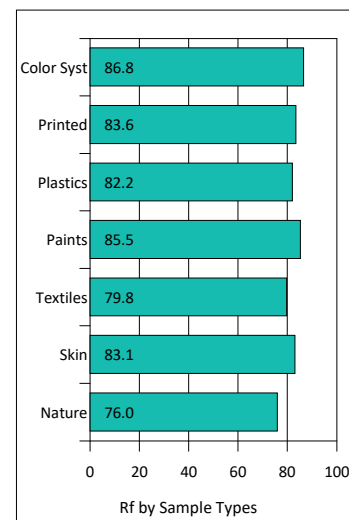
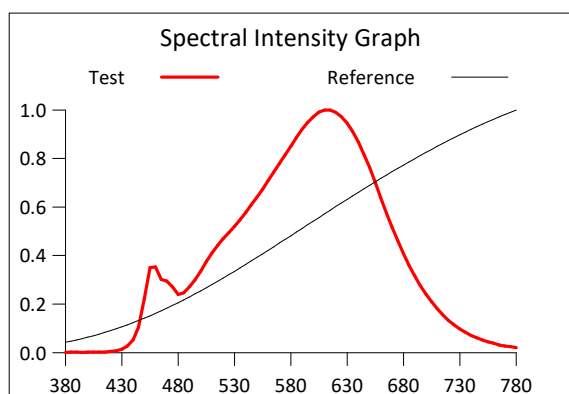
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Rf: 82.9 CCT(K): 2877 u': 0.2532
 Rg: 90.2 LER: 315.4 Duv: 0.0061 v': 0.3550

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	79.9	-8.6%	2.5%
2	85.5	-6.0%	2.4%
3	87.6	-5.2%	2.3%
4	84.1	-9.1%	-2.4%
5	87.7	-9.3%	0.7%
6	86.5	-7.8%	1.3%
7	77.2	-12.0%	5.5%
8	83.2	-6.0%	7.9%
9	79.3	-4.4%	11.0%
10	76.0	-0.7%	14.2%
11	82.4	3.5%	11.5%
12	88.5	4.8%	-0.9%
13	87.0	-1.0%	-8.6%
14	82.3	0.6%	-12.4%
15	83.6	-7.5%	-2.1%
16	76.7	-7.5%	-12.3%



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