

LED Test Report

Product Mark

Product Type : L52-300W-120822-14.4

Manufacturer :

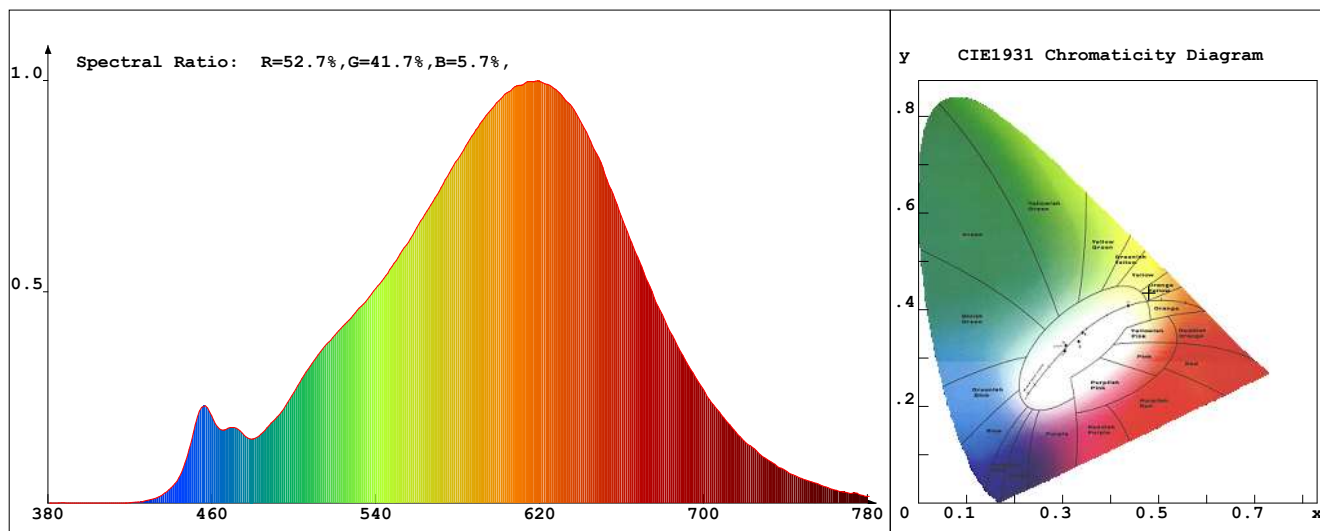
Temperature : 'C

Humidity : %

Operator :

Test Date : 01-03-22 14:31:13

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4796$ $y=0.4347$ $u=0.2643$ $v=0.3594$ $duv=0.0070$

CCT: 2621K Dominant Wave.: 582.6nm Purity: 74.5% Centre Wave: 606.0nm

Flux RGB Ratio: $R=24.8\%$, $G=74.1\%$, $B=1.1\%$ Peak Wave: 619.5nm Half Width: 134.9nm

Rendering Index: $R_a=85.0$ CRI= 81.2

R1 =83	R2 =90	R3 =98	R4 =83	R5 =82	R6 =89	R7 =88	R8 =68
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R9 =27	R10=78	R11=81	R12=68	R13=84	R14=98	R15=76	
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PPF: 15.055 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.0mW (400-700nm)

PAR: 2.7mW (400-700nm)

Photo Parameters

Flux: 1046.05lm Effi.: 80.2lm/W Radiant: 3191.7mW Iv: 0.0mcd

Scotopic Flux: 1198.5Plm Effi.: 0.0Plm/W S/P: 1.1

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 16018.800 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=24.12\text{V}$ Current: $I=0.5410\text{A}$ Power: $P=13.061\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 130.686ms

VPeak: 13208

VDark: 1268

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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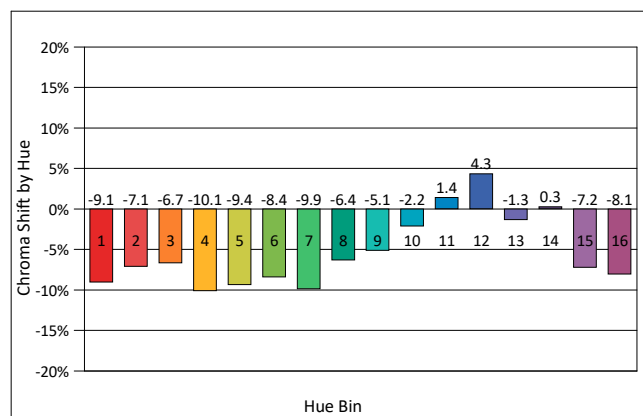
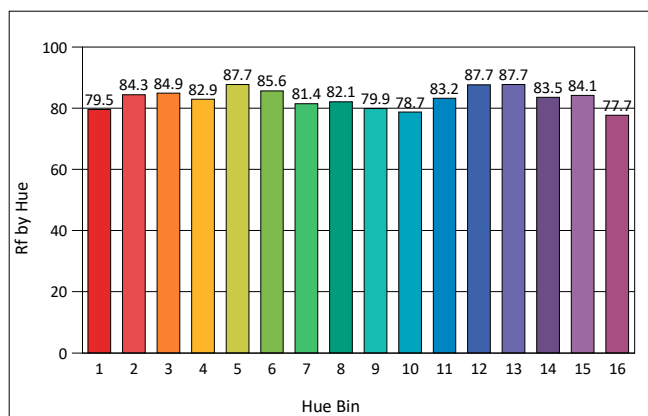
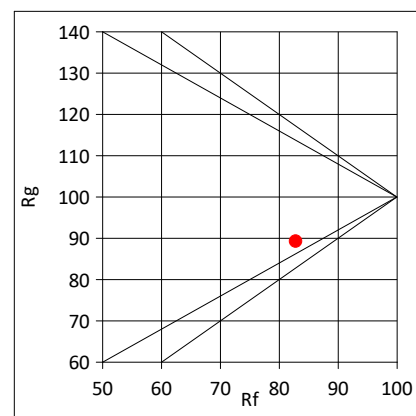
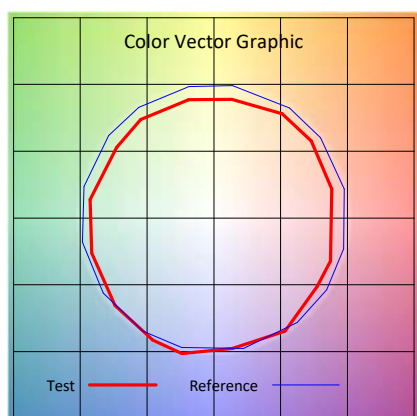
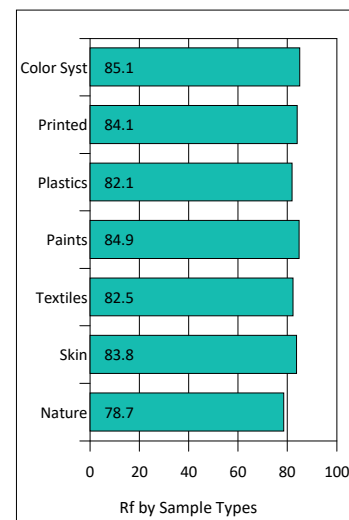
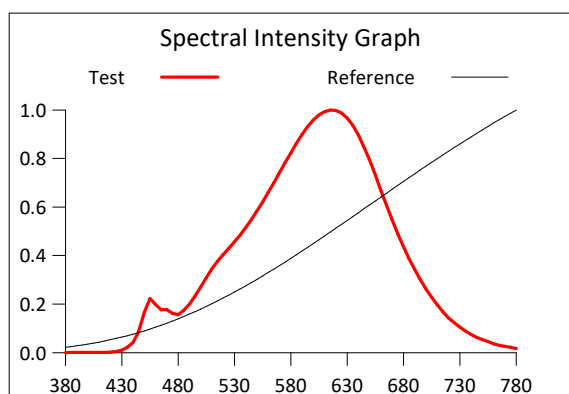
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Rf: 82.8 CCT(K): 2621 u': 0.2643
 Rg: 89.3 LER: 312.0 Duv: 0.0070 v': 0.3594

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	79.5	-9.1%	1.7%
2	84.3	-7.1%	1.9%
3	84.9	-6.7%	2.3%
4	82.9	-10.1%	-1.6%
5	87.7	-9.4%	2.0%
6	85.6	-8.4%	3.9%
7	81.4	-9.9%	4.0%
8	82.1	-6.4%	8.6%
9	79.9	-5.1%	9.5%
10	78.7	-2.2%	12.7%
11	83.2	1.4%	9.9%
12	87.7	4.3%	1.3%
13	87.7	-1.3%	-7.8%
14	83.5	0.3%	-11.3%
15	84.1	-7.2%	-2.1%
16	77.7	-8.1%	-10.8%



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