

LED Test Report

Product Mark

Product Type : F52-300-512012-16 14.4W

Manufacturer :

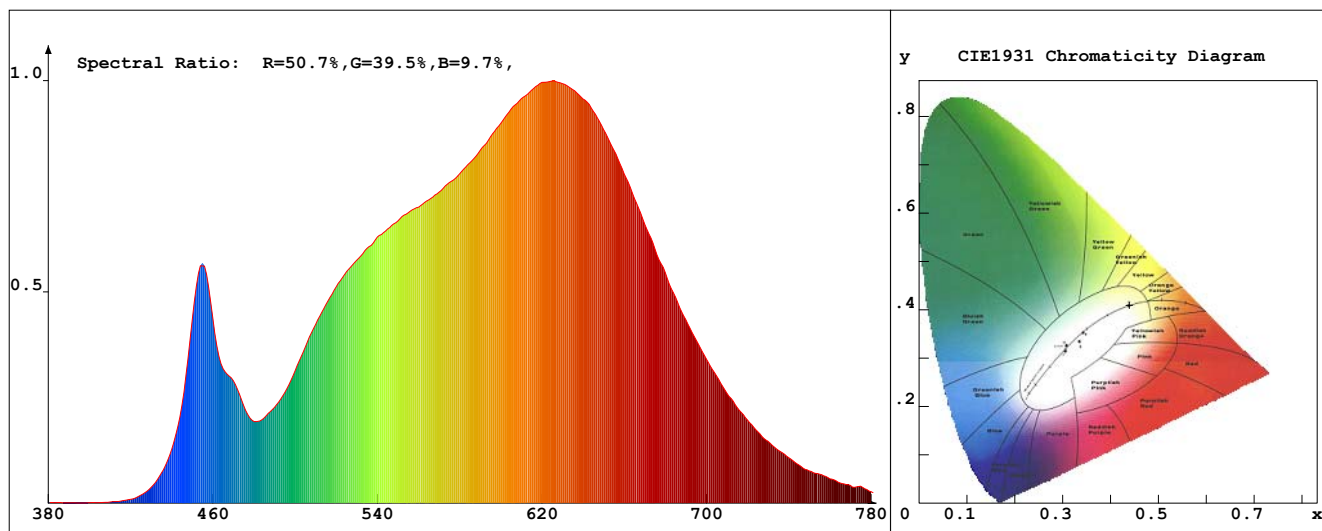
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark:



Chroma Parameters

Chro.Coord.: x=0.4394 y=0.4096 u=0.2497 v=0.3493 duv=0.0019

CCT: 3004K Dominant Wave.: 582.2nm Purity: 54.8% Centre Wave: 600.2nm

Flux RGB Ratio: R=23.3%, G=75.0%, B=1.7% Peak Wave: 624.5nm Half Width: 164.6nm

Rendering Index: Ra= 92.1 CRI= 89.0

R1 =93 R2 =94 R3 =94 R4 =93 R5 =91 R6 =92 R7 =95 R8 =85

R9 =63 R10=85 R11=93 R12=72 R13=93 R14=96 R15=89

PPF: 21.215umol/s (400-700nm)

PRF: 4.3mW (400-700nm)

PAR: 3.8mW (400-700nm)

Photo Parameters

Flux: 1354.96lm

Effi.: 94.1lm/W

Radiant: 4596.6mW

Iv: 0.0mcd

Scotopic Flux: 1869.8Plm

Effi.: 0.0Plm/W

S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 22864.100umol/s (380-780nm)

Ele. Parameters

Forward Current: If=607.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.72V

Reverse Current: Ir=0.00uA

Power: P=14.411W

Instrument state

Instrument: -

Integral Time: 112.986ms

VPeak: 14792

VDark: 1243

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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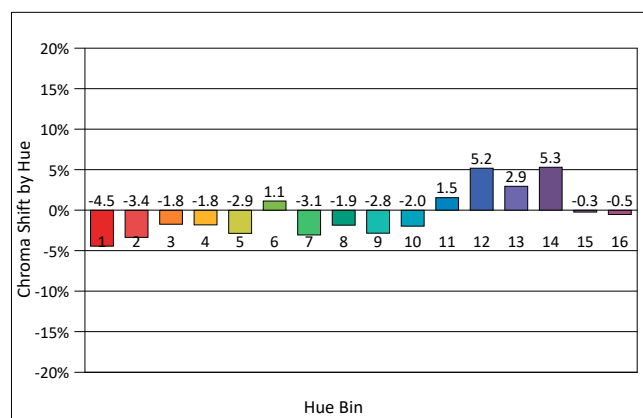
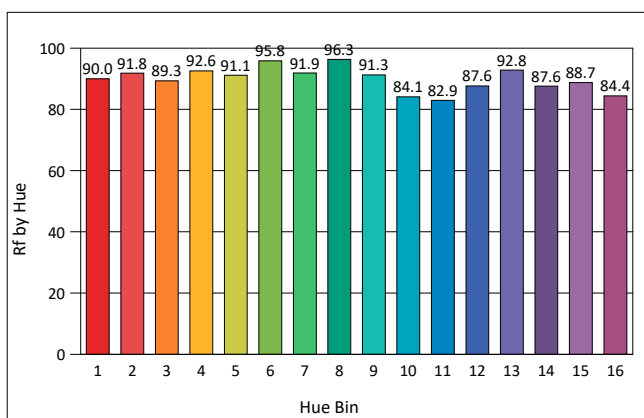
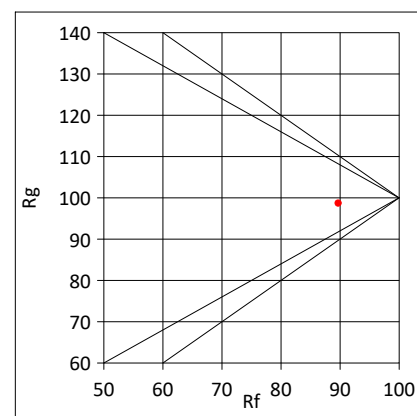
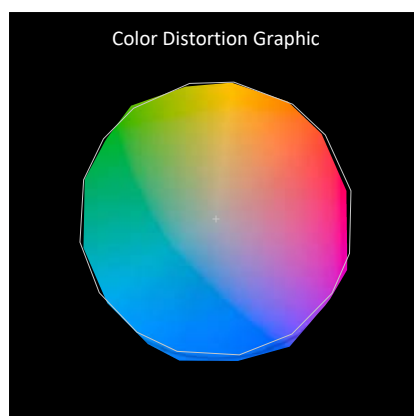
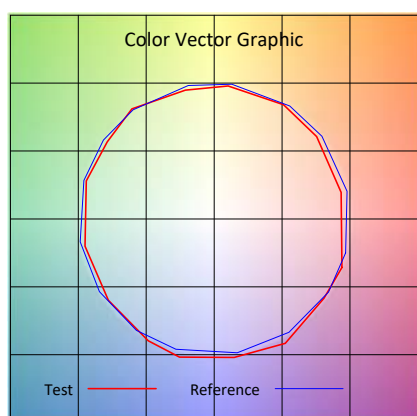
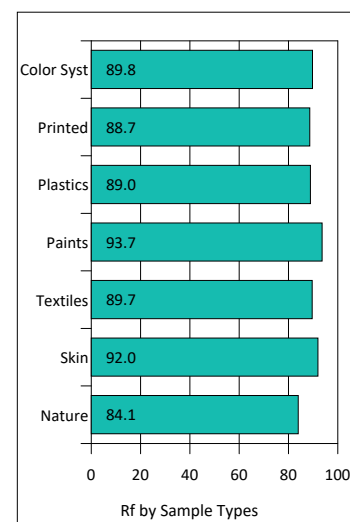
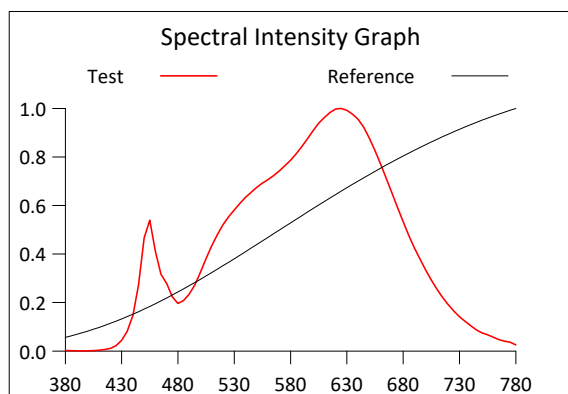
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Rf: 89.7 CCT(K): 3004 u': 0.2497
 Rg: 98.7 LER: 291.3 Duv: 0.0019 v': 0.3493

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	90.0	-4.5%	0.0%
2	91.8	-3.4%	1.9%
3	89.3	-1.8%	4.3%
4	92.6	-1.8%	2.4%
5	91.1	-2.9%	2.6%
6	95.8	1.1%	0.3%
7	91.9	-3.1%	-0.5%
8	96.3	-1.9%	0.0%
9	91.3	-2.8%	3.9%
10	84.1	-2.0%	9.1%
11	82.9	1.5%	11.5%
12	87.6	5.2%	3.6%
13	92.8	2.9%	-2.8%
14	87.6	5.3%	-6.8%
15	88.7	-0.3%	-5.5%
16	84.4	-0.5%	-11.1%



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