

LED Test Report

Product Mark

Product Type : F52-40s-120822-C90

Manufacturer :

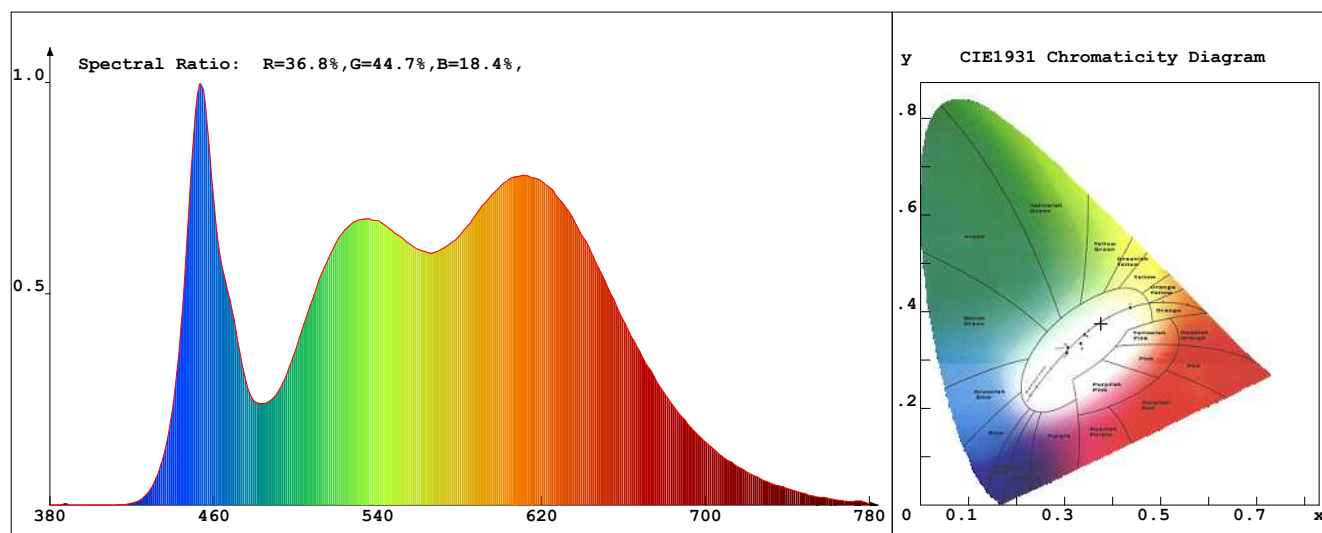
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 10:37:06

Remark: BIN 3NS1 LOTTO 443



Chroma Parameters

Chro.Coord.: x=0.3760 y=0.3753 u=0.2227 v=0.3335 duv=0.0007

CCT: 4114K Dominant Wave.: 578.3nm Purity: 25.5% Centre Wave: 455.2nm

Flux RGB Ratio: R=19.2%, G=78.1%, B=2.7% Peak Wave: 452.6nm Half Width: 21.9nm

Rendering Index: Ra= 93.7 CRI= 90.2

R1 =96 R2 =96 R3 =93 R4 =96 R5 =94 R6 =93 R7 =95 R8 =87

R9 =63 R10=87 R11=95 R12=66 R13=97 R14=95 R15=92

PPF: 30.417umol/s (400-700nm)

PRF: 6.5mW (400-700nm)

PAR: 5.6mW (400-700nm)

Photo Parameters

Flux: 2169.30lm Effi.: 100.6lm/W Radiant: 6630.9mW Iv: 0.0mcd

Scotopic Flux: 3918.9Plm Effi.: 0.0Plm/W S/P: 1.8

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 31472.301umol/s (380-780nm)

Ele. Parameters

Forward Current: If=899.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.99V

Reverse Current: Ir=0.00uA

Power: P=21.591W

Instrument state

Instrument: Lisun

Integral Time: 57.866ms

VPeak: 13640

VDark: 1267

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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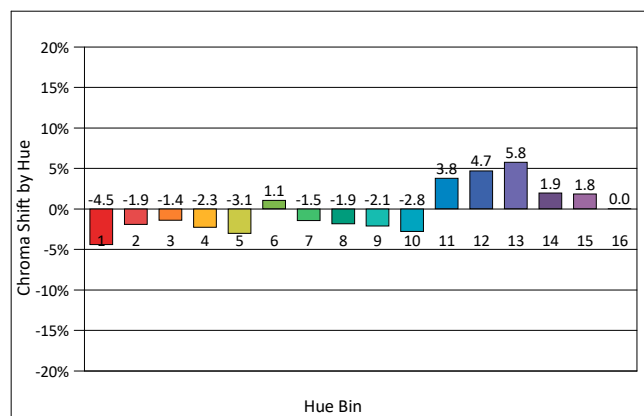
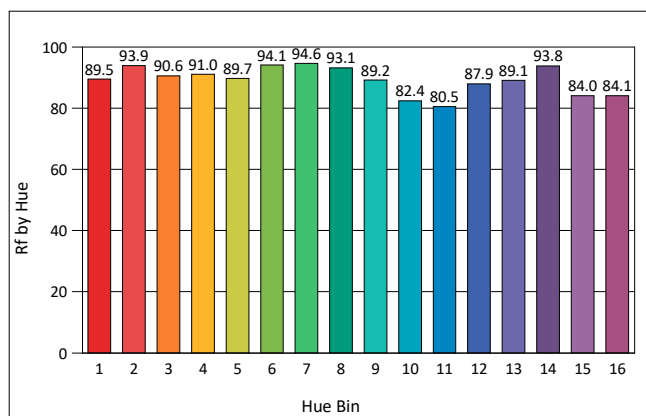
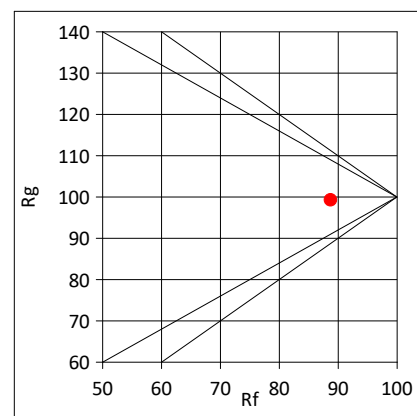
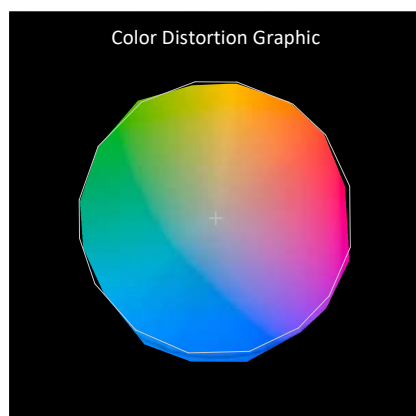
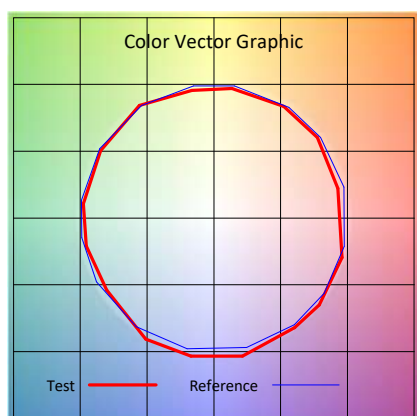
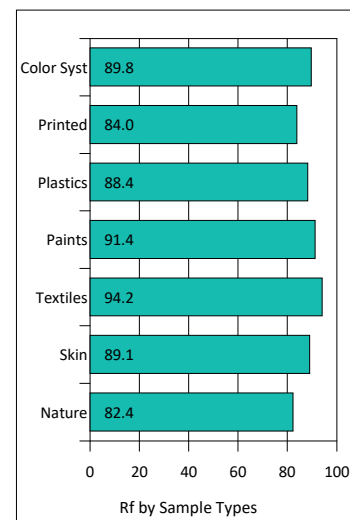
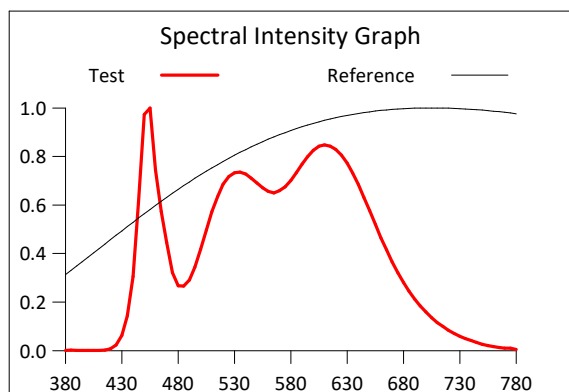
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Rf: 88.7 CCT(K): 4114 u': 0.2227
 Rg: 99.3 LER: 310.8 Duv: 0.0007 v': 0.3335

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	89.5	-4.5%	-0.1%
2	93.9	-1.9%	1.3%
3	90.6	-1.4%	3.5%
4	91.0	-2.3%	1.5%
5	89.7	-3.1%	1.9%
6	94.1	1.1%	1.2%
7	94.6	-1.5%	0.7%
8	93.1	-1.9%	2.2%
9	89.2	-2.1%	6.8%
10	82.4	-2.8%	9.5%
11	80.5	3.8%	11.2%
12	87.9	4.7%	3.8%
13	89.1	5.8%	-4.4%
14	93.8	1.9%	-1.0%
15	84.0	1.8%	-8.9%
16	84.1	0.0%	-8.5%



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