

LED Test Report

Product Mark

Product Type : F52-40s-240D22

Manufacturer :

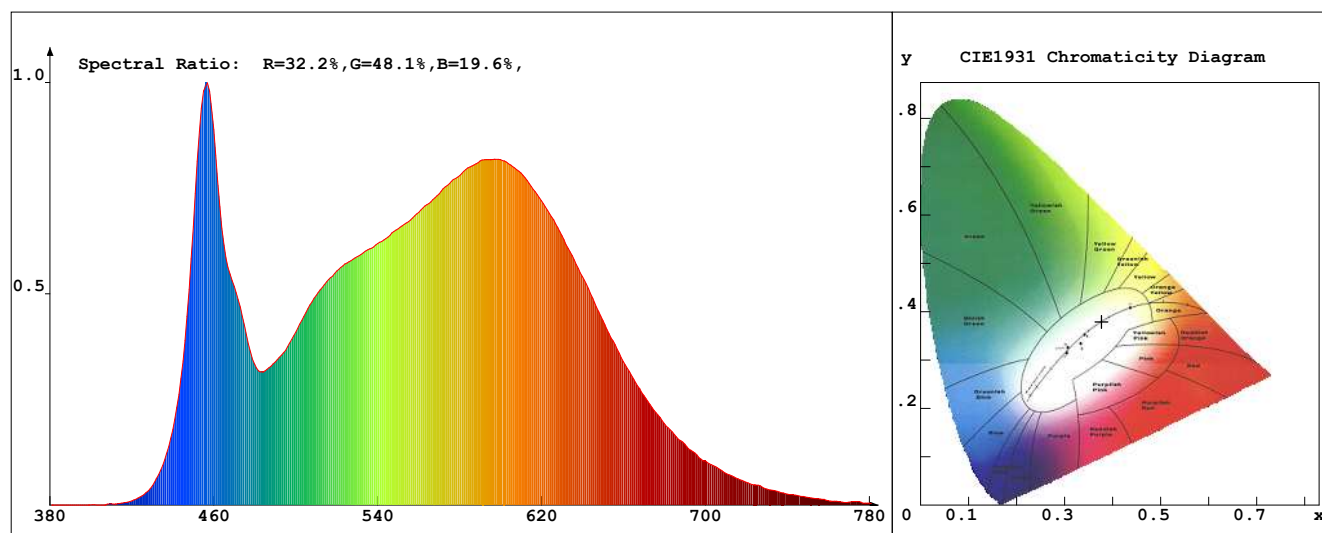
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 10:47:46

Remark: BIN 3NS1 LOTTO 441



Chroma Parameters

Chro.Coord.:x=0.3773 y=0.3791 u=0.2222 v=0.3348 duv=0.0020

CCT: 4101K Dominant Wave.:577.6nm Purity:27.0% Centre Wave:458.4nm

Flux RGB Ratio:R=17.5%,G=79.5%,B=3.0% Peak Wave:455.8nm Half Width:23.1nm

Rendering Index:Ra= 84.8 CRI= 81.2

R1 =84 R2 =93 R3 =96 R4 =81 R5 =83 R6 =90 R7 =85 R8 =66

R9 =16 R10=83 R11=81 R12=62 R13=87 R14=99 R15=78

PPF:28.245umol/s (400-700nm)

PRF: 6.0mW (400-700nm)

PAR: 5.2mW (400-700nm)

Photo Parameters

Flux:2135.58lm Effi.:123.4lm/W Radiant:6154.4mW Iv:0.0mcd

Scotopic Flux:3797.9Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:28946.100umol/s (380-780nm)

Ele. Parameters

Forward Current:If=728.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.78V

Reverse Current:Ir=0.00uA

Power:P=17.320W

Instrument state

Instrument:Lisun

Integral Time: 63.611ms

VPeak: 13896

VDark: 1267

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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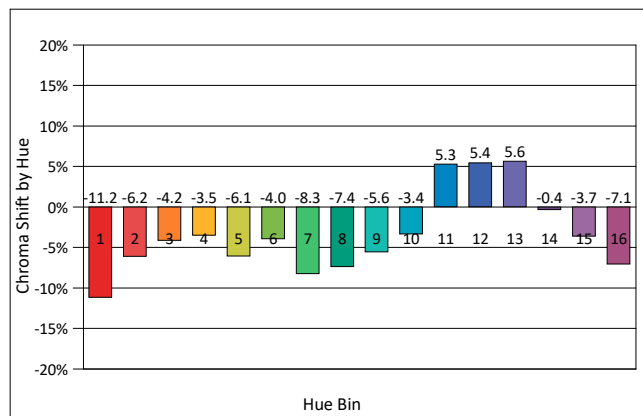
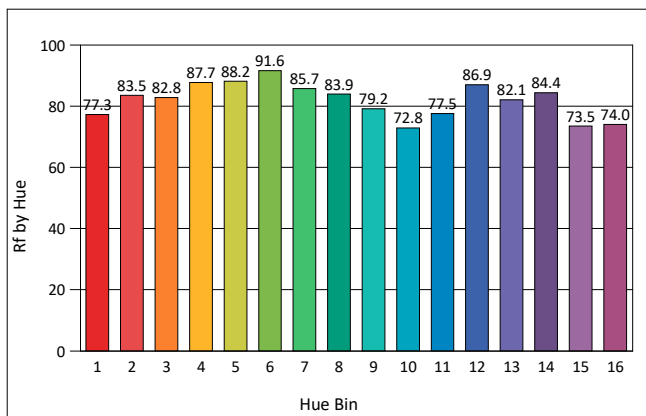
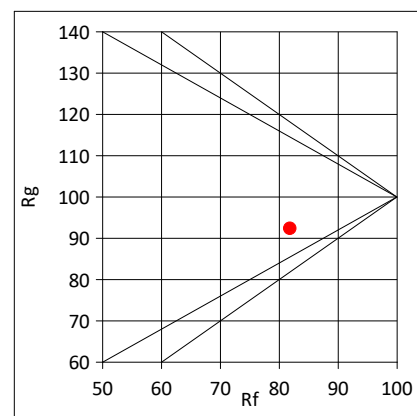
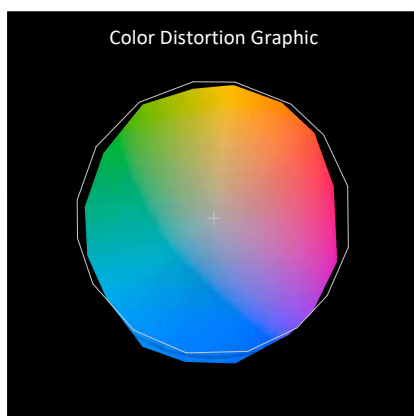
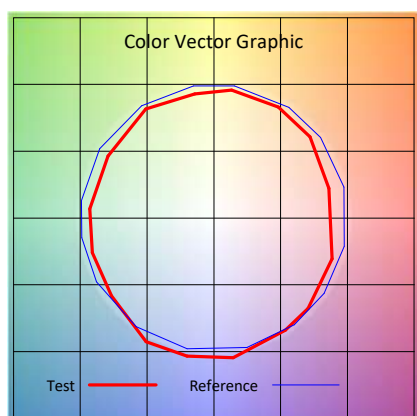
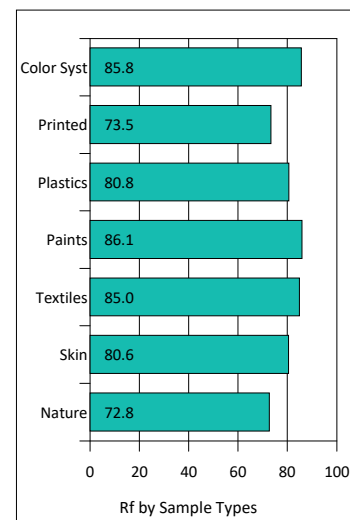
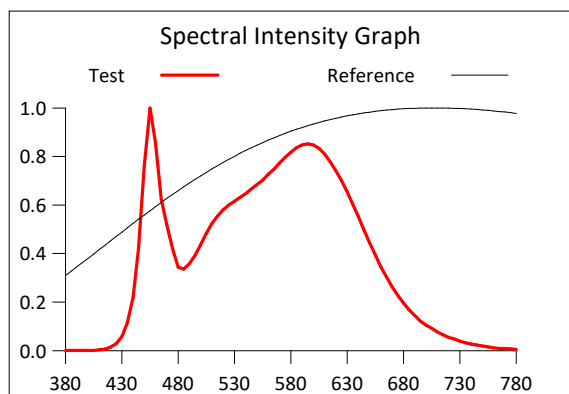
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Rf: 81.8 CCT(K): 4101 u': 0.2222
 Rg: 92.4 LER: 329.0 Duv: 0.0020 v': 0.3348

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.3	-11.2%	1.3%
2	83.5	-6.2%	4.7%
3	82.8	-4.2%	6.7%
4	87.7	-3.5%	1.7%
5	88.2	-6.1%	0.4%
6	91.6	-4.0%	-1.3%
7	85.7	-8.3%	1.0%
8	83.9	-7.4%	4.9%
9	79.2	-5.6%	12.6%
10	72.8	-3.4%	14.9%
11	77.5	5.3%	12.3%
12	86.9	5.4%	0.9%
13	82.1	5.6%	-11.5%
14	84.4	-0.4%	-7.9%
15	73.5	-3.7%	-16.0%
16	74.0	-7.1%	-10.9%



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