

LED Test Report

Product Mark

Product Type : F52-40s-096822Z

Manufacturer :

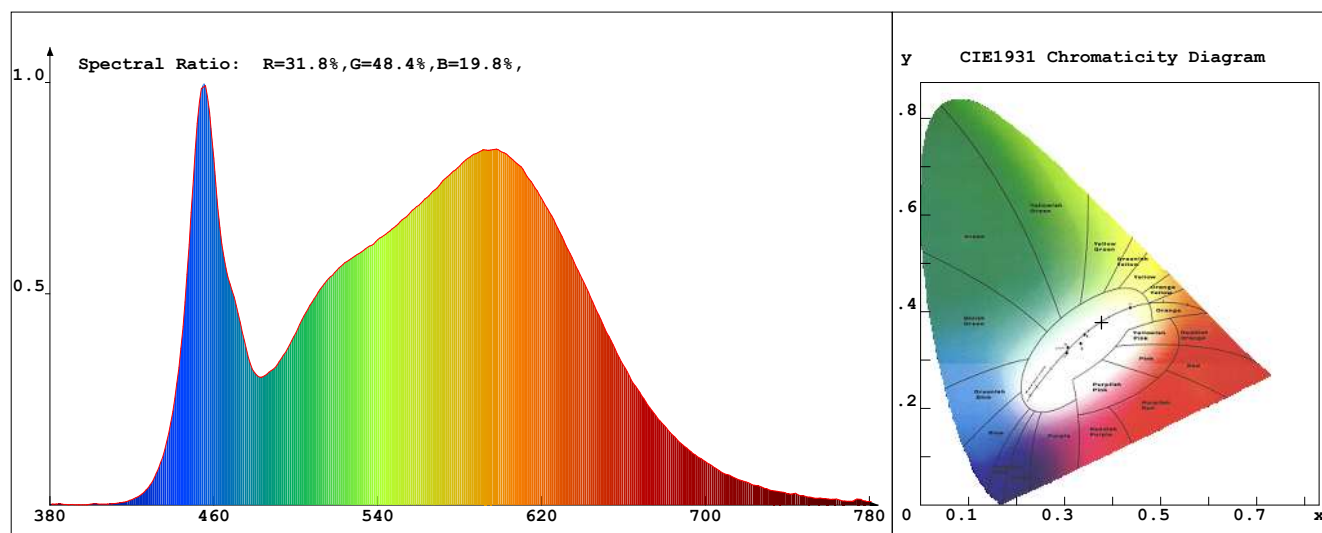
Temperature : 'C

Humidity : %

Operator :

Test Date : 02-09-21 14:39:41

Remark: BIN 3NS1 LOTTO 443



Chroma Parameters

Chro.Coord.:x=0.3773 y=0.3778 u=0.2226 v=0.3344 duv=0.0014

CCT: 4095K Dominant Wave.:577.9nm Purity:26.6% Centre Wave:456.9nm

Flux RGB Ratio:R=17.3%,G=79.8%,B=2.9% Peak Wave:453.8nm Half Width:23.3nm

Rendering Index:Ra= 83.8 CRI= 80.1

R1 =82 R2 =92 R3 =96 R4 =81 R5 =82 R6 =88 R7 =85 R8 =64

R9 =10 R10=80 R11=80 R12=61 R13=85 R14=98 R15=76

PPF:14.726umol/s (400-700nm)

PRF:3.2mW (400-700nm)

PAR:2.7mW (400-700nm)

Photo Parameters

Flux:1112.13lm Effi.:123.3lm/W Radiant:3214.9mW Iv:0.0mcd

Scotopic Flux:1953.5Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:15104.800umol/s (380-780nm)

Ele. Parameters

Forward Current:If=382.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.62V

Reverse Current:Ir=0.00uA

Power:P=9.031W

Instrument state

Instrument:Lisun

Integral Time: 126.168ms

VPeak: 14280

VDark: 1242

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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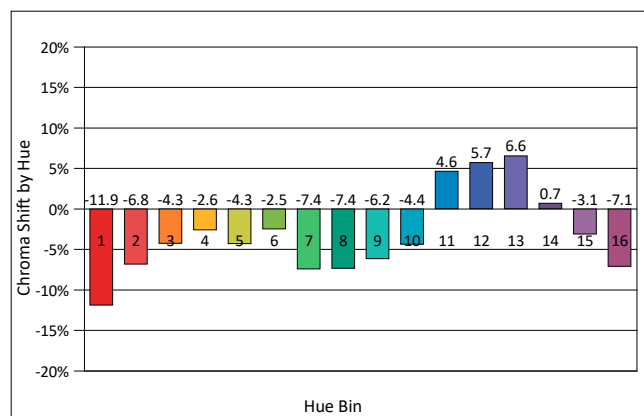
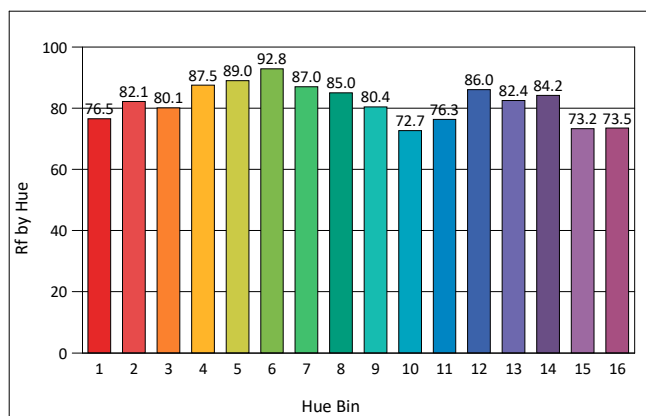
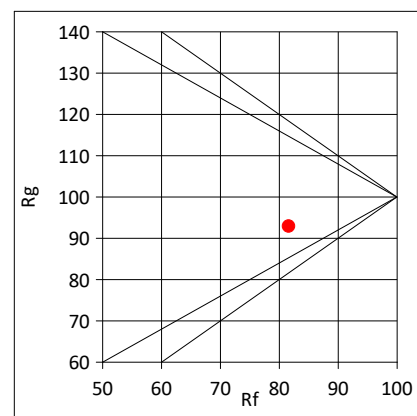
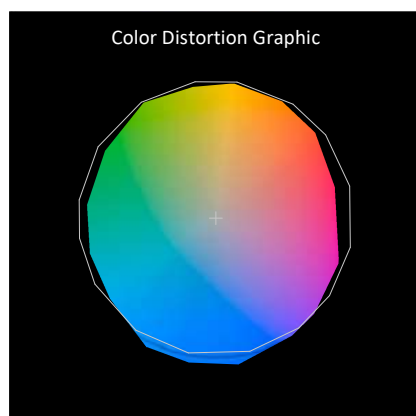
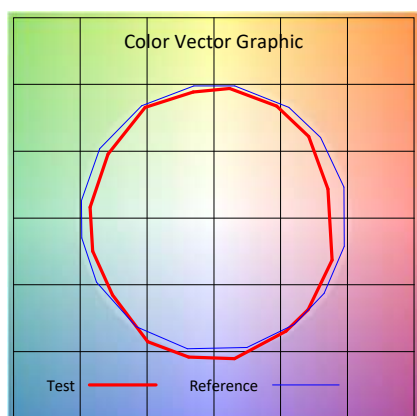
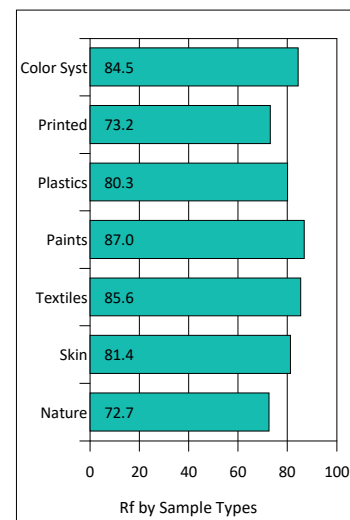
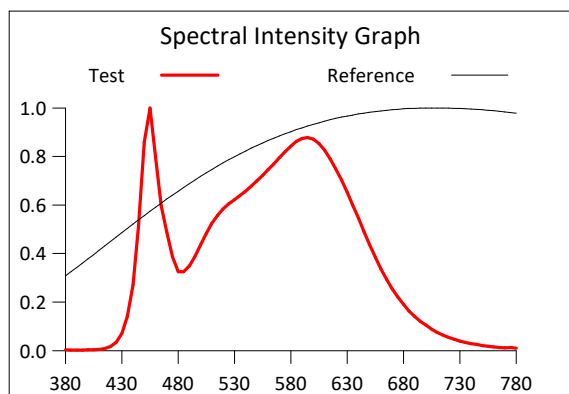
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Rf: 81.6 CCT(K): 4095 u': 0.2226
 Rg: 92.9 LER: 330.7 Duv: 0.0014 v': 0.3344

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.5	-11.9%	0.8%
2	82.1	-6.8%	5.4%
3	80.1	-4.3%	8.2%
4	87.5	-2.6%	3.3%
5	89.0	-4.3%	1.4%
6	92.8	-2.5%	-1.5%
7	87.0	-7.4%	-0.2%
8	85.0	-7.4%	3.6%
9	80.4	-6.2%	11.3%
10	72.7	-4.4%	14.7%
11	76.3	4.6%	13.3%
12	86.0	5.7%	2.3%
13	82.4	6.6%	-10.8%
14	84.2	0.7%	-8.0%
15	73.2	-3.1%	-16.8%
16	73.5	-7.1%	-11.8%



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