

LED Test Report

Product Mark

Product Type : F52-600-096822Z

Manufacturer :

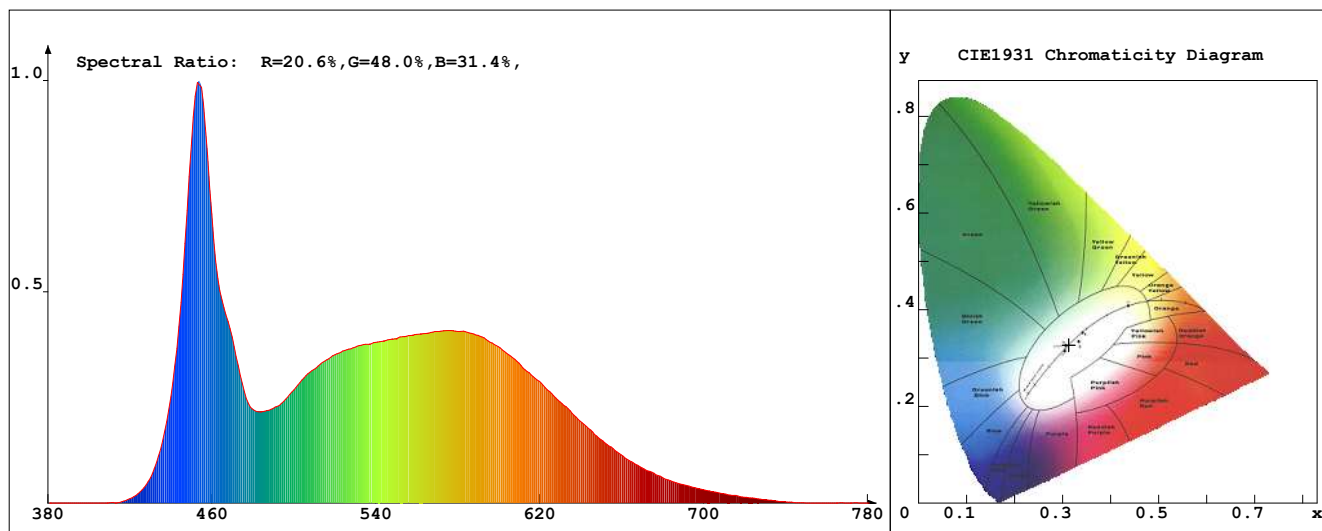
Temperature : 'C

Humidity : %

Operator :

Test Date : 02-09-21 14:47:28

Remark: BIN C33 LOTTO 443



Chroma Parameters

Chro.Coord.: x=0.3133 y=0.3267 u=0.1991 v=0.3115 duv=0.0017

CCT: 6490K Dominant Wave.: 487.4nm Purity: 7.3% Centre Wave: 453.7nm

Flux RGB Ratio: R=12.9%, G=82.8%, B=4.4% Peak Wave: 452.6nm Half Width: 18.9nm

Rendering Index: Ra= 83.1 CRI= 78.8

R1 =81 R2 =90 R3 =93 R4 =81 R5 =82 R6 =84 R7 =87 R8 =68

R9 =4 R10=74 R11=80 R12=56 R13=84 R14=96 R15=77

PPF: 15.153 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.4mW (400-700nm)

PAR: 2.8mW (400-700nm)

Photo Parameters

Flux: 1134.12lm Effi.: 125.8lm/W Radiant: 3401.6mW Iv: 0.0mcd

Scotopic Flux: 2563.2Plm Effi.: 0.0Plm/W S/P: 2.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 15301.300 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=380.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.72V

Reverse Current: Ir=0.00uA

Power: P=9.031W

Instrument state

Instrument: Lisun

Integral Time: 63.084ms

VPeak: 13528

VDark: 1237

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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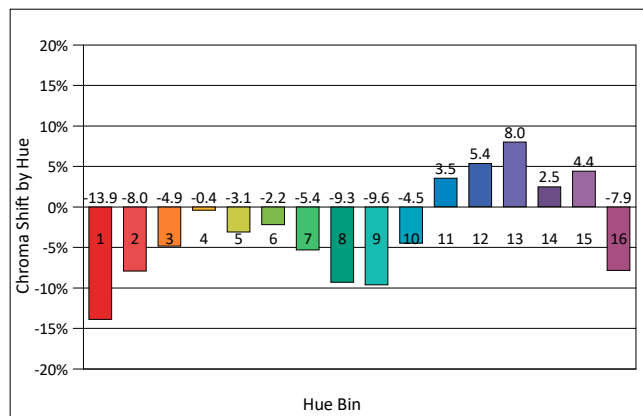
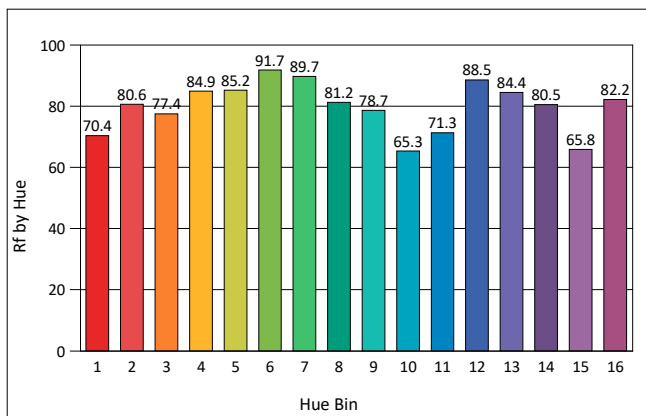
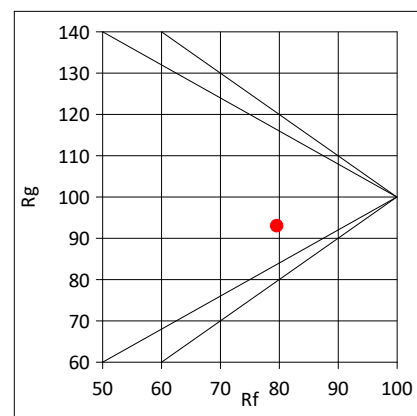
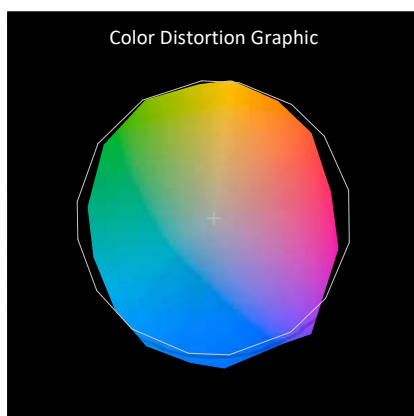
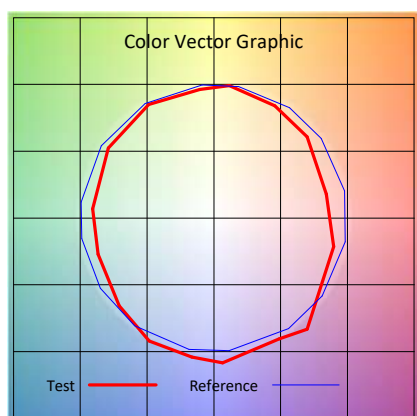
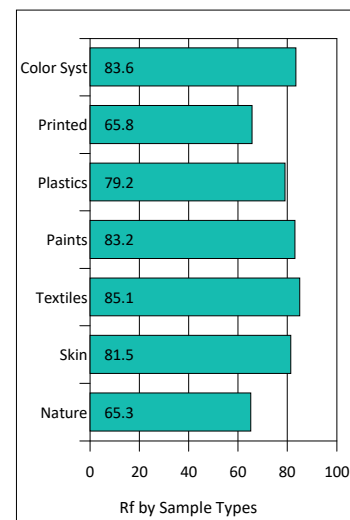
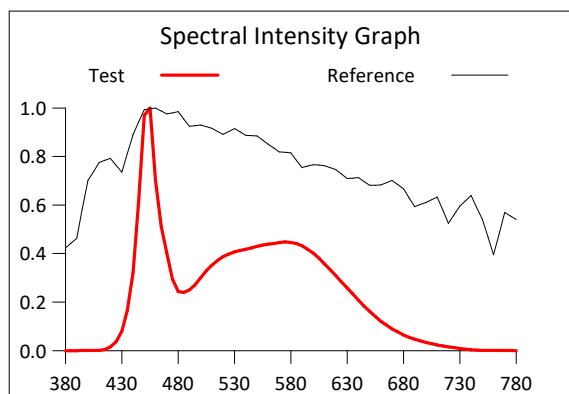
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Rf: 79.6 CCT(K): 6490 u': 0.1991
 Rg: 93.0 LER: 313.3 Duv: 0.0017 v': 0.3115

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	70.4	-13.9%	0.3%
2	80.6	-8.0%	6.8%
3	77.4	-4.9%	9.9%
4	84.9	-0.4%	6.9%
5	85.2	-3.1%	2.2%
6	91.7	-2.2%	-1.9%
7	89.7	-5.4%	-1.5%
8	81.2	-9.3%	3.3%
9	78.7	-9.6%	14.0%
10	65.3	-4.5%	18.7%
11	71.3	3.5%	15.7%
12	88.5	5.4%	3.3%
13	84.4	8.0%	-6.3%
14	80.5	2.5%	-10.1%
15	65.8	4.4%	-27.0%
16	82.2	-7.9%	-5.1%



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