

LED Test Report

Product Mark

Product Type : L52-400W-120822-14.4

Manufacturer :

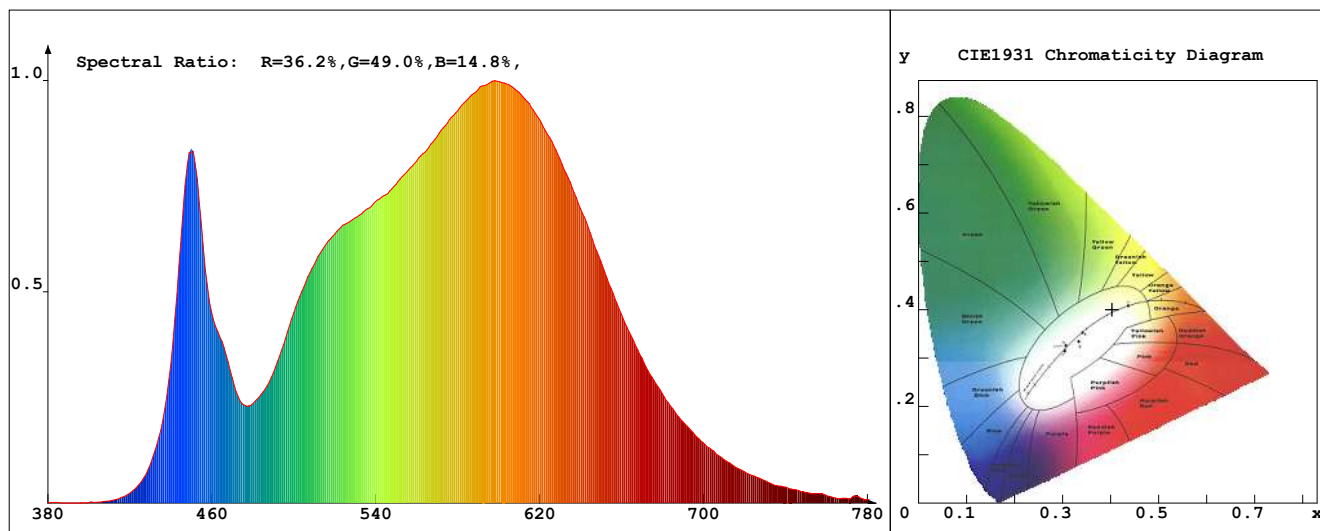
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 12:06:45

Remark: BIN 3WS LOTTO 443



Chroma Parameters

Chro.Coord.:x=0.4031 y=0.4001 u=0.2305 v=0.3432 duv=0.0046

CCT: 3622K Dominant Wave.:578.6nm Purity:41.1% Centre Wave:578.7nm

Flux RGB Ratio:R=18.7%,G=79.3%,B=1.9% Peak Wave:596.7nm Half Width:151.3nm

Rendering Index:Ra= 83.5 CRI= 79.5

R1 =81 R2 =89 R3 =96 R4 =84 R5 =82 R6 =86 R7 =87 R8 =65

R9 =10 R10=74 R11=83 R12=64 R13=83 R14=98 R15=74

PPF:9.125umol/s (400-700nm)

PRF:1.9mW (400-700nm)

PAR:1.7mW (400-700nm)

Photo Parameters

Flux:688.04lm Effi.:105.1lm/W Radiant:1969.7mW Iv:0.0mcd

Scotopic Flux:1069.9Plm Effi.:0.0Plm/W S/P:1.6

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:9398.460umol/s (380-780nm)

Ele. Parameters

Forward Current:If=276.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.71V

Reverse Current:Ir=0.00uA

Power:P=6.540W

Instrument state

Instrument:Lisun

Integral Time: 228.255ms

VPeak: 14232

VDark: 1172

Scan Range: 380-780nm

Product ID: 201508924

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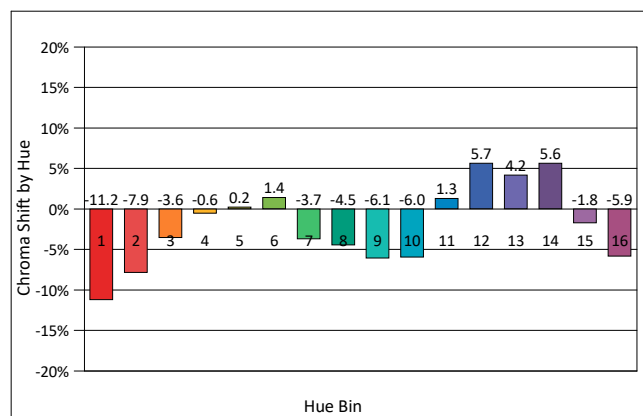
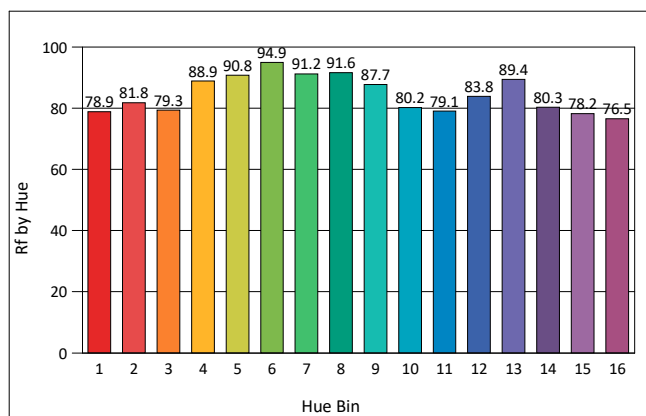
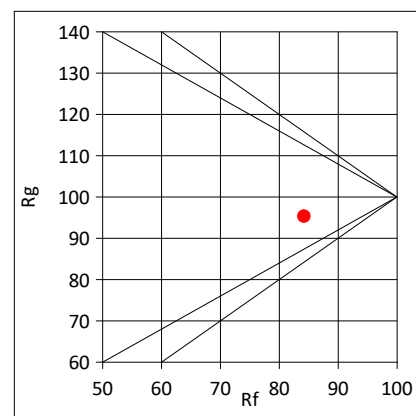
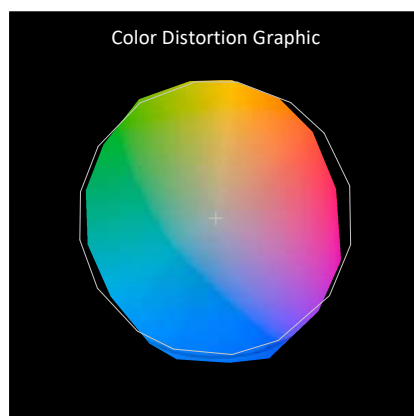
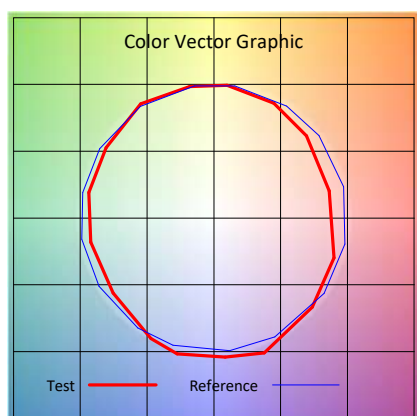
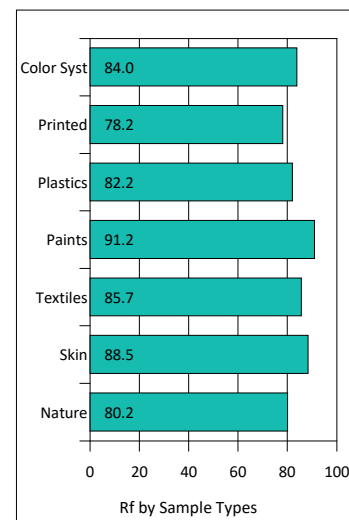
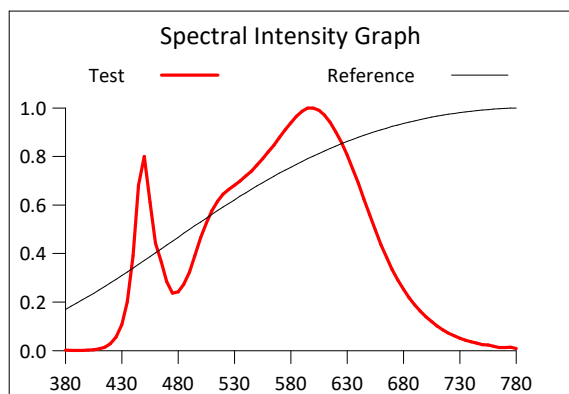
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Rf: 84.2 CCT(K): 3622 u': 0.2305
 Rg: 95.3 LER: 337.0 Duv: 0.0046 v': 0.3432

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	78.9	-11.2%	-1.0%
2	81.8	-7.9%	5.2%
3	79.3	-3.6%	9.0%
4	88.9	-0.6%	5.8%
5	90.8	0.2%	3.6%
6	94.9	1.4%	-1.2%
7	91.2	-3.7%	-3.2%
8	91.6	-4.5%	-0.8%
9	87.7	-6.1%	3.5%
10	80.2	-6.0%	10.1%
11	79.1	1.3%	12.6%
12	83.8	5.7%	4.3%
13	89.4	4.2%	-4.2%
14	80.3	5.6%	-13.1%
15	78.2	-1.8%	-13.6%
16	76.5	-5.9%	-11.8%



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