

LED Test Report

Product Mark

Product Type : F52-CCT-256824A-C90 COLD

Manufacturer :

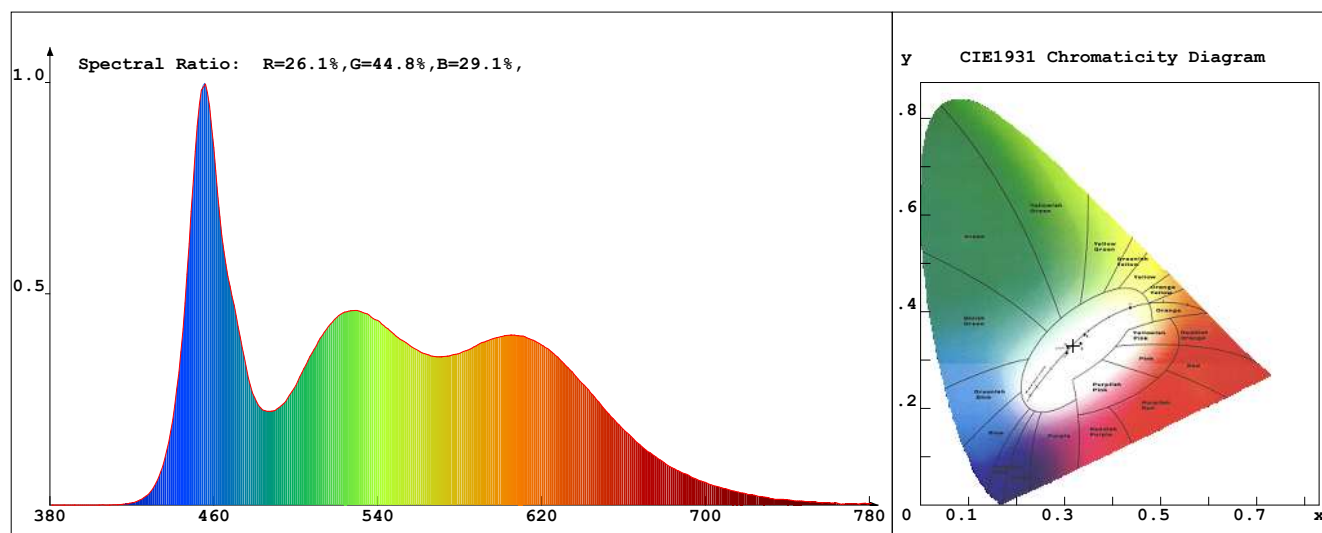
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:49:31

Remark: LOTTO 427 BIN 30S 60-3



Chroma Parameters

Chro.Coord.:x=0.3175 y=0.3296 u=0.2010 v=0.3129 duv=0.0011

CCT: 6243K Dominant Wave.:488.7nm Purity:5.6% Centre Wave:456.5nm

Flux RGB Ratio:R=15.5%,G=80.0%,B=4.5% Peak Wave:454.8nm Half Width:22.5nm

Rendering Index:Ra= 94.4 CRI= 91.6

R1 =96 R2 =98 R3 =94 R4 =97 R5 =94 R6 =93 R7 =94 R8 =89

R9 =69 R10=92 R11=96 R12=63 R13=99 R14=96 R15=95

PPF:43.093umol/s (400-700nm)

PRF:9.5mW (400-700nm)

PAR:7.9mW (400-700nm)

Photo Parameters

Flux:3013.42lm Effi.:129.1lm/W Radiant:9636.1mW Iv:0.0mcd

Scotopic Flux:7030.8Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:43929.301umol/s (380-780nm)

Ele. Parameters

Forward Current:If=462.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=50.53V

Reverse Current:Ir=0.00uA

Power:P=23.381W

Instrument state

Instrument:Lisun

Integral Time: 28.207ms

VPeak: 14872

VDark: 1141

Scan Range: 380-780nm

Product ID: 201508924

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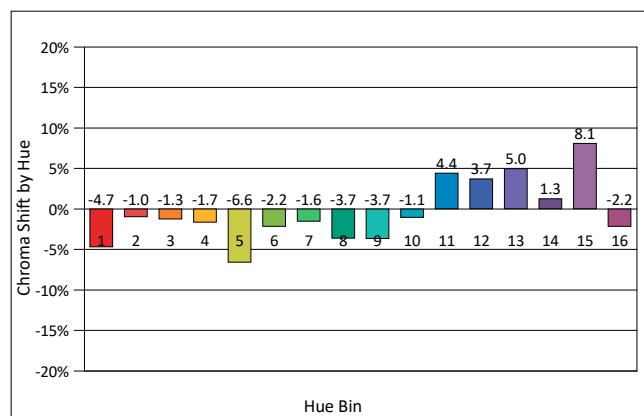
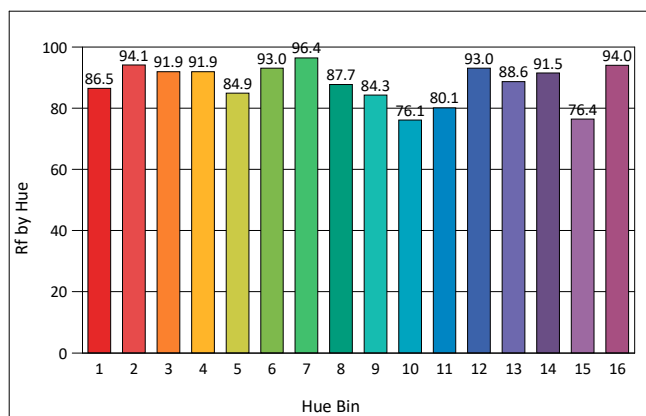
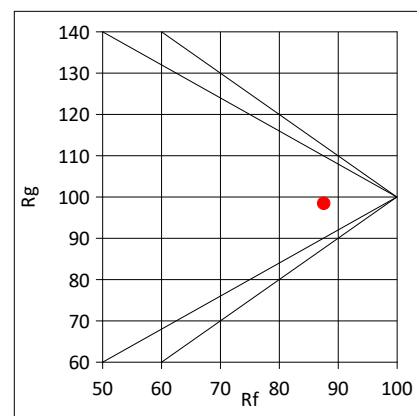
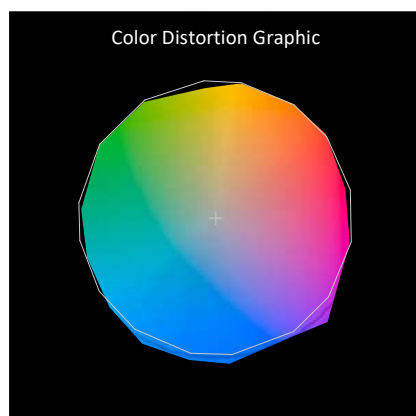
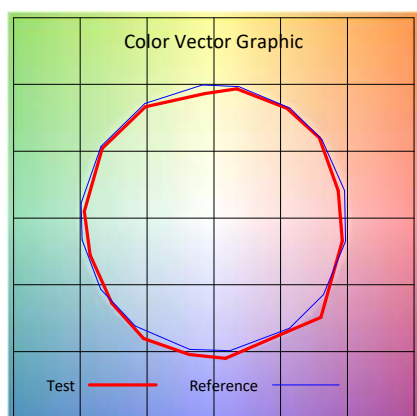
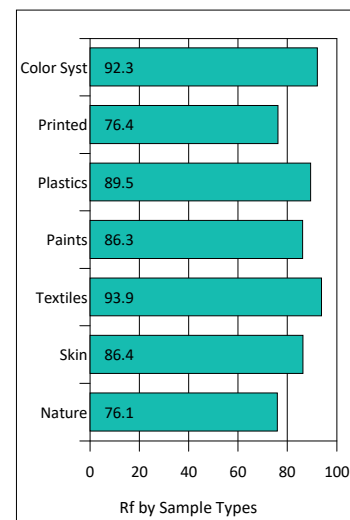
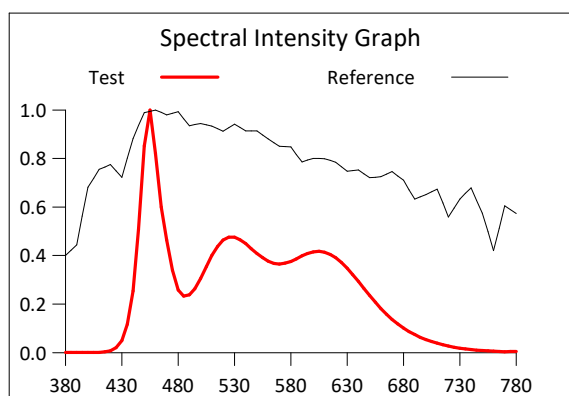
Operator :

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Remark: LOTTO 427 BIN 30S 60-3

Rf: 87.6 CCT(K): 6243 u': 0.2010
 Rg: 98.4 LER: 298.3 Duv: 0.0011 v': 0.3129

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.5	-4.7%	1.0%
2	94.1	-1.0%	2.1%
3	91.9	-1.3%	1.6%
4	91.9	-1.7%	1.0%
5	84.9	-6.6%	-0.4%
6	93.0	-2.2%	1.0%
7	96.4	-1.6%	0.8%
8	87.7	-3.7%	5.5%
9	84.3	-3.7%	12.1%
10	76.1	-1.1%	13.5%
11	80.1	4.4%	10.4%
12	93.0	3.7%	0.6%
13	88.6	5.0%	-4.3%
14	91.5	1.3%	-3.0%
15	76.4	8.1%	-15.2%
16	94.0	-2.2%	-0.3%



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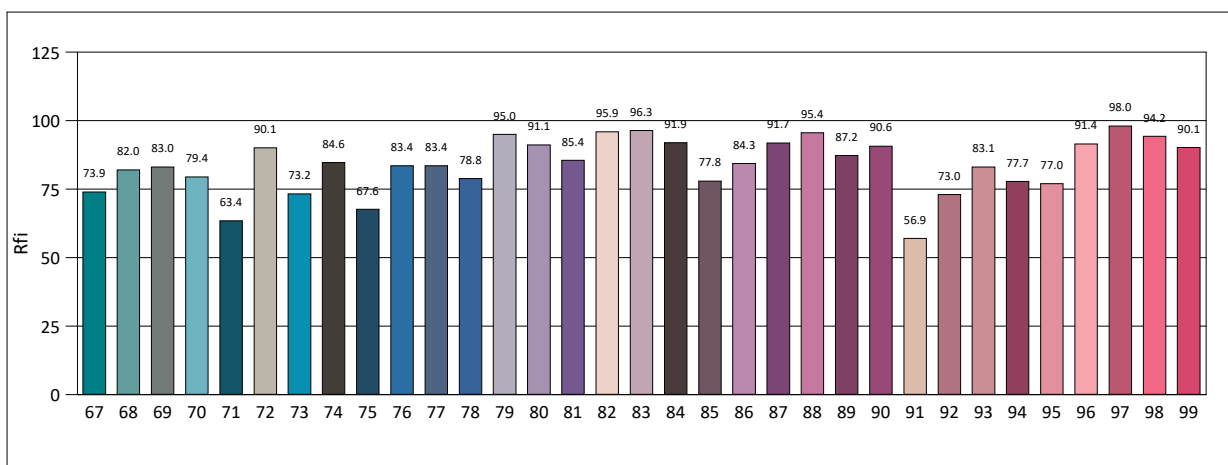
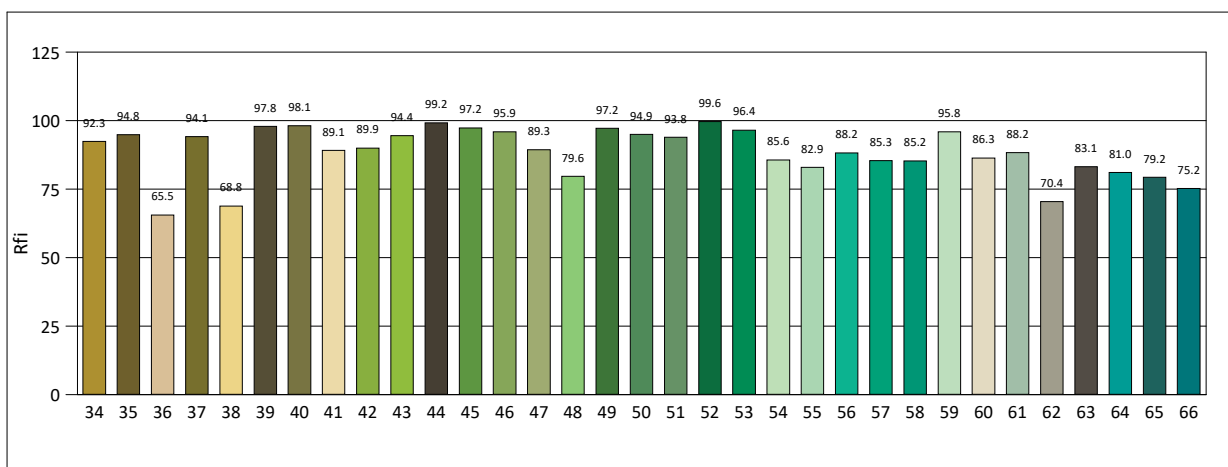
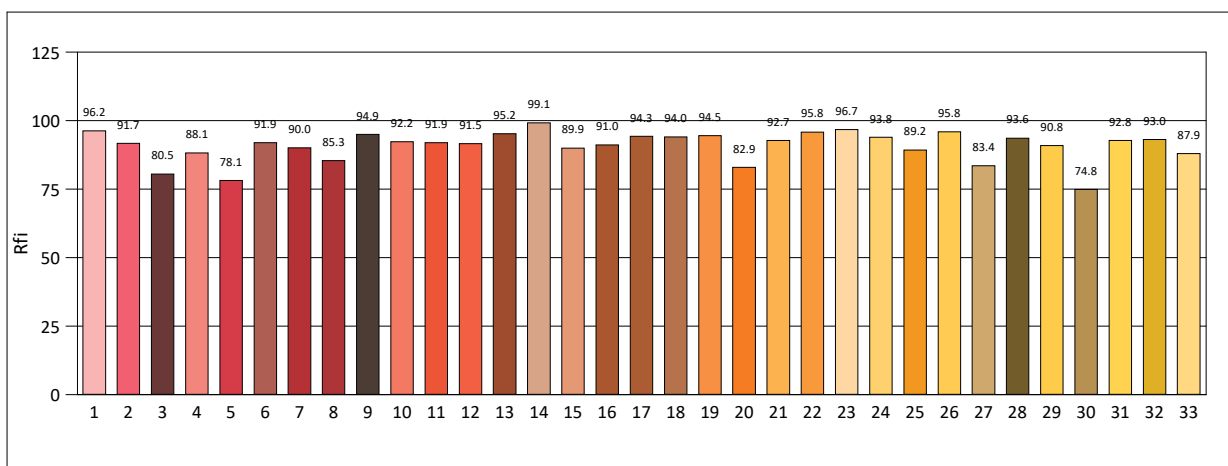
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:49:31

Remark: LOTTO 427 BIN 30S 60-3



LED Test Report

Product Mark

Product Type : F52-CCT-2568U4A WARM

Manufacturer :

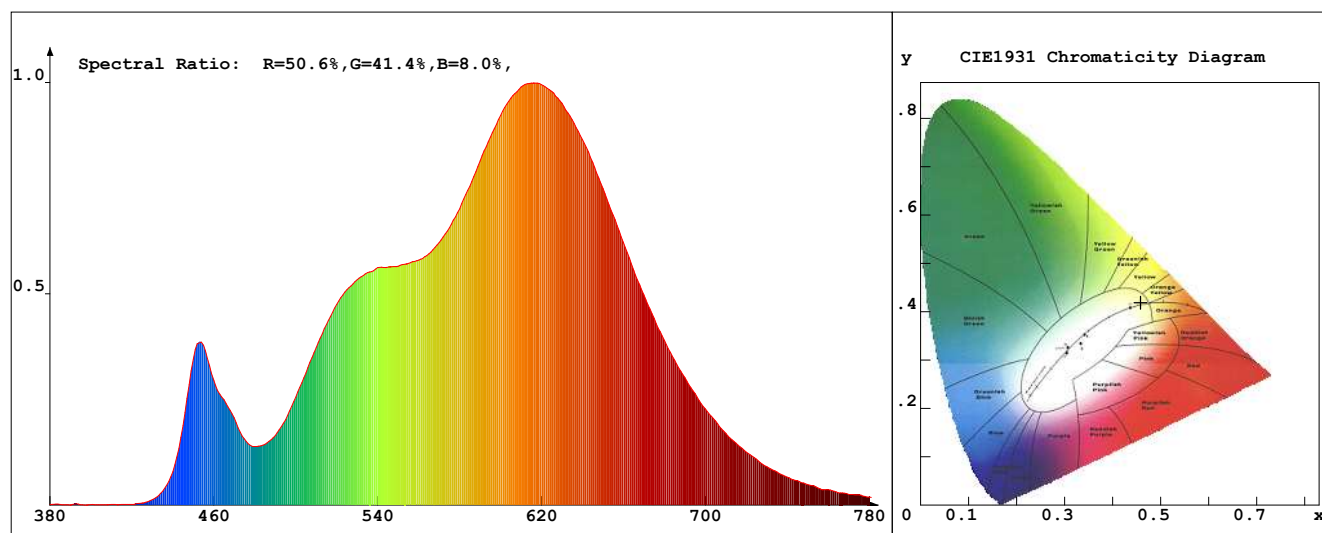
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:46:04

Remark: LOTTO 427 BIN R27C W50B



Chroma Parameters

Chro.Coord.: $x=0.4586$ $y=0.4186$ $u=0.2581$ $v=0.3534$ $duv=0.0031$

CCT: 2780K Dominant Wave.: 582.9nm Purity: 63.3% Centre Wave: 595.6nm

Flux RGB Ratio: $R=25.0\%$, $G=73.7\%$, $B=1.3\%$ Peak Wave: 615.7nm Half Width: 145.4nm

Rendering Index: $R_a=91.5$ CRI= 88.3

$R_1=92$	$R_2=95$	$R_3=96$	$R_4=94$	$R_5=92$	$R_6=95$	$R_7=91$	$R_8=77$
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$R_9=45$	$R_{10}=86$	$R_{11}=96$	$R_{12}=75$	$R_{13}=93$	$R_{14}=97$	$R_{15}=85$
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PPF: 40.125 $\mu\text{mol/s}$ (400-700nm)

PRF: 8.2mW (400-700nm)

PAR: 7.3mW (400-700nm)

Photo Parameters

Flux: 2706.38lm Effi.: 115.8lm/W Radiant: 8541.5mW Iv: 0.0mcd

Scotopic Flux: 3454.9Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 42418.398 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=464.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=50.38\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=23.370\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 56.415ms

VPeak: 14856

VDark: 1265

Scan Range: 380-780nm

Product ID: 201508924

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Product Mark

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Temperature : 'C

Operator :

Remark: LOTTO 427 BIN R27C W50B

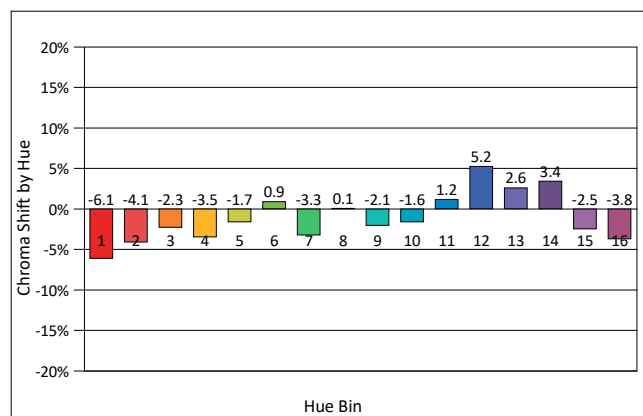
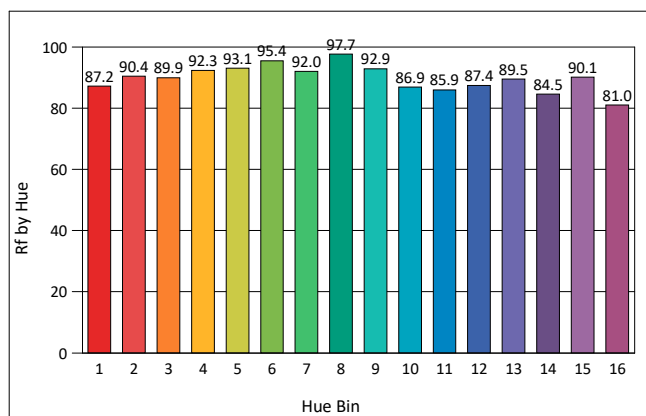
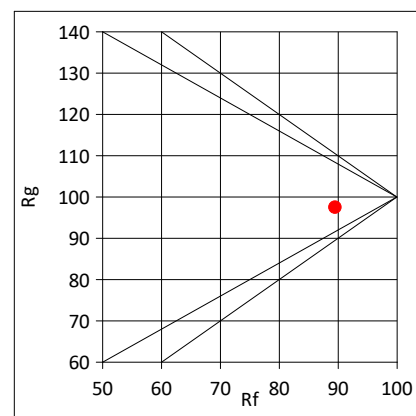
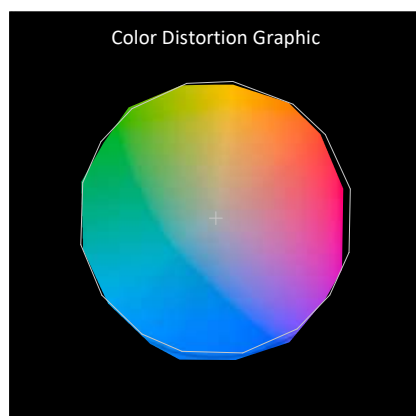
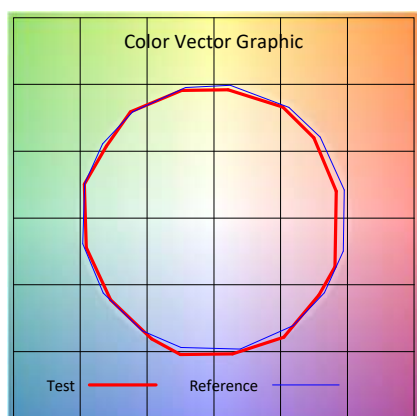
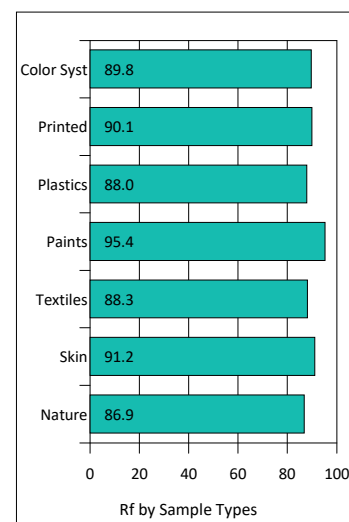
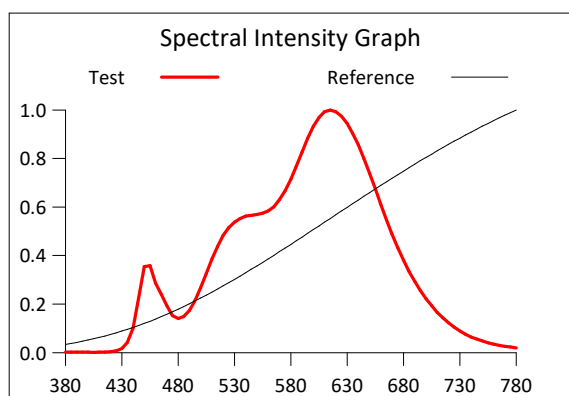
Manufacturer :

Humidity : %

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Rf: 89.5 CCT(K): 2780 u': 0.2581
 Rg: 97.5 LER: 309.7 Duv: 0.0031 v': 0.3534

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.2	-6.1%	0.1%
2	90.4	-4.1%	2.2%
3	89.9	-2.3%	3.9%
4	92.3	-3.5%	1.0%
5	93.1	-1.7%	3.3%
6	95.4	0.9%	1.4%
7	92.0	-3.3%	-0.4%
8	97.7	0.1%	0.6%
9	92.9	-2.1%	3.2%
10	86.9	-1.6%	7.1%
11	85.9	1.2%	9.2%
12	87.4	5.2%	0.5%
13	89.5	2.6%	-6.3%
14	84.5	3.4%	-10.6%
15	90.1	-2.5%	-3.7%
16	81.0	-3.8%	-12.6%



IES TM-30-2015 Test Report

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Manufacturer :

Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:46:04

Remark: LOTTO 427 BIN R27C W50B

