

LED Test Report

Product Mark

Product Type : K52-40s-120822-14.4

Manufacturer :

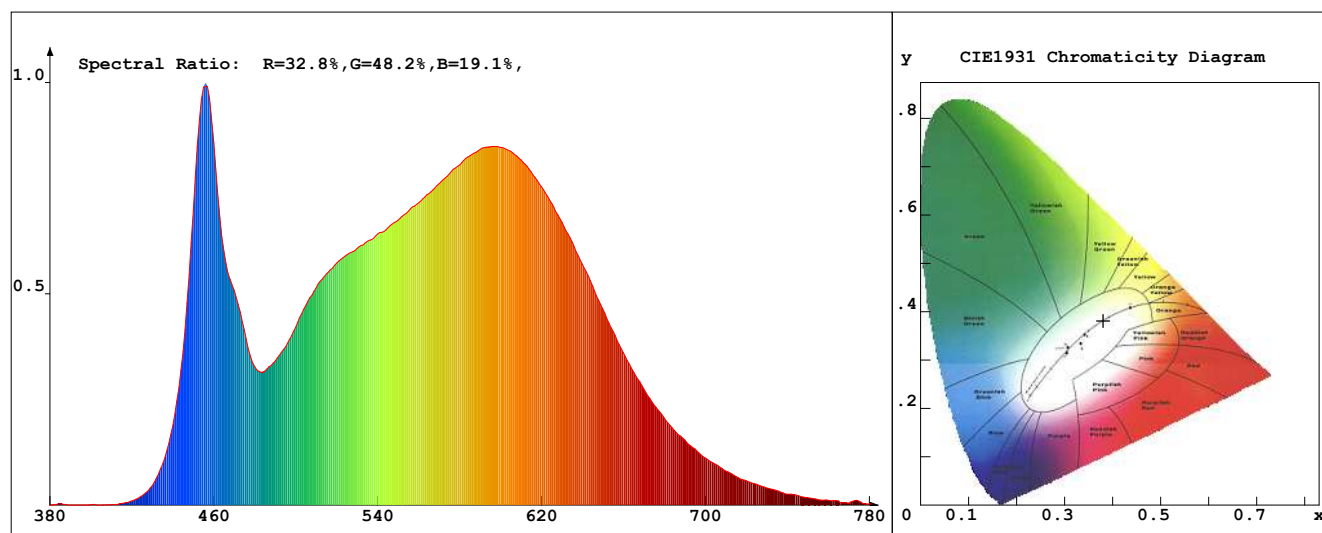
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 11:34:04

Remark: BIN 3NS1 LOTTO 441



Chroma Parameters

Chro.Coord.:x=0.3801 y=0.3814 u=0.2231 v=0.3357 duv=0.0022

CCT: 4043K Dominant Wave.:577.7nm Purity:28.5% Centre Wave:458.0nm

Flux RGB Ratio:R=17.7%,G=79.5%,B=2.9% Peak Wave:454.8nm Half Width:23.5nm

Rendering Index:Ra= 85.1 CRI= 81.3

R1 =84 R2 =93 R3 =97 R4 =82 R5 =84 R6 =90 R7 =86 R8 =66

R9 =17 R10=82 R11=82 R12=62 R13=87 R14=99 R15=78

PPF:9.850umol/s (400-700nm)

PRF:2.1mW (400-700nm)

PAR:1.8mW (400-700nm)

Photo Parameters

Flux:734.53lm Effi.:113.5lm/W Radiant:2142.9mW Iv:0.0mcd

Scotopic Flux:1289.8Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:10096.900umol/s (380-780nm)

Ele. Parameters

Forward Current:If=274.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.62V

Reverse Current:Ir=0.00uA

Power:P=6.501W

Instrument state

Instrument:Lisun

Integral Time: 199.855ms

VPeak: 14728

VDark: 1281

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : K52-40s-120822-14.4

Temperature : 'C

Operator :

Remark: BIN 3NS1 LOTTO 441

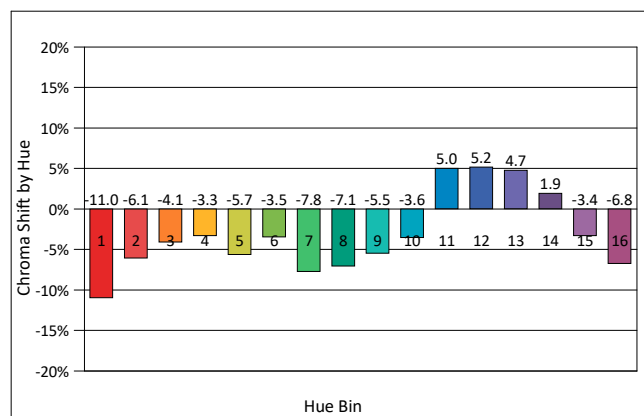
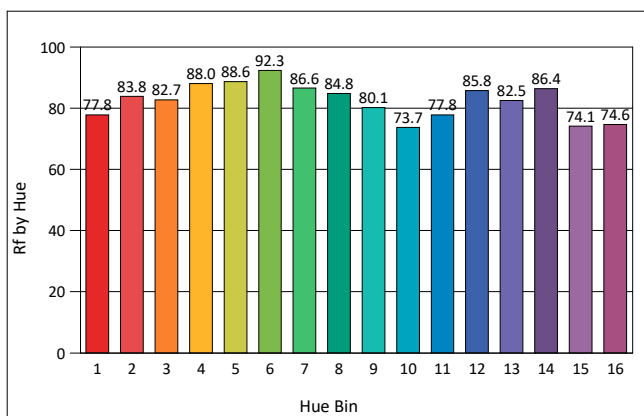
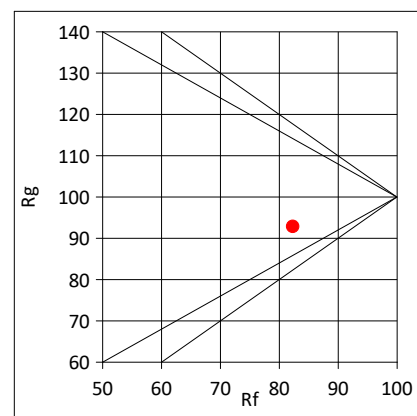
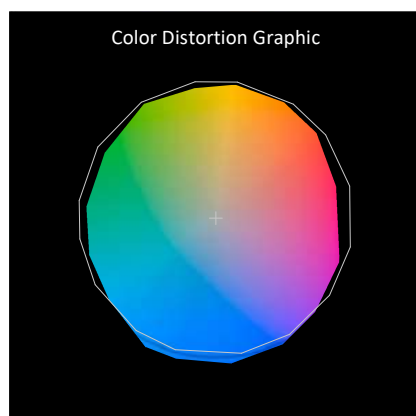
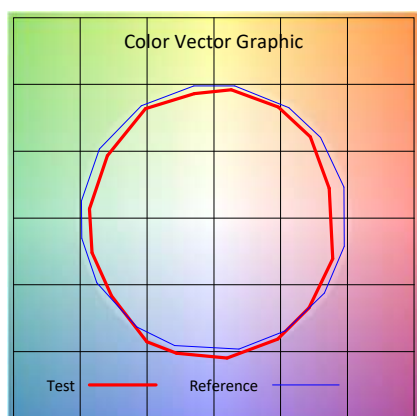
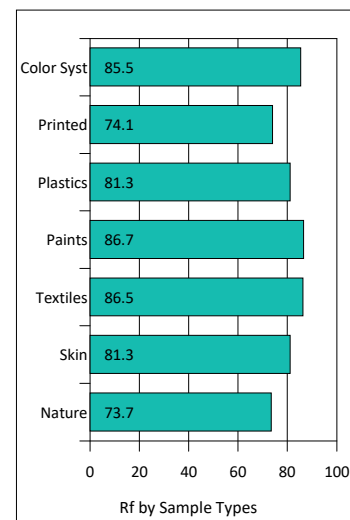
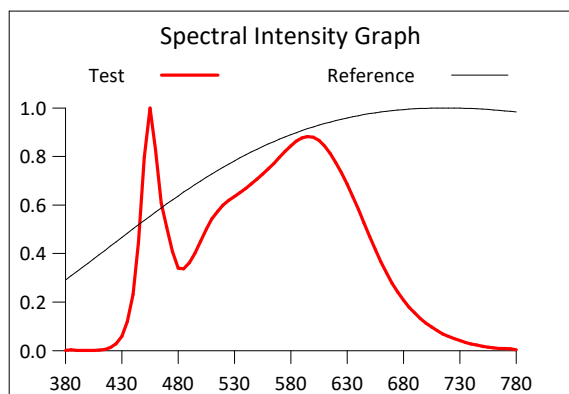
Manufacturer :

Humidity : %

Test Date : 07-07-21 11:34:04

Rf: 82.3 CCT(K): 4043 u': 0.2231
 Rg: 92.8 LER: 329.5 Duv: 0.0022 v': 0.3357

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.8	-11.0%	1.1%
2	83.8	-6.1%	4.6%
3	82.7	-4.1%	6.8%
4	88.0	-3.3%	1.9%
5	88.6	-5.7%	0.7%
6	92.3	-3.5%	-1.2%
7	86.6	-7.8%	0.8%
8	84.8	-7.1%	4.5%
9	80.1	-5.5%	11.9%
10	73.7	-3.6%	14.4%
11	77.8	5.0%	12.3%
12	85.8	5.2%	2.4%
13	82.5	4.7%	-10.0%
14	86.4	1.9%	-8.3%
15	74.1	-3.4%	-15.8%
16	74.6	-6.8%	-10.9%



IES TM-30-2015 Test Report

Product Mark

Product Type : K52-40s-120822-14.4

Manufacturer :

Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 11:34:04

Remark: BIN 3NS1 LOTTO 441

