

LED Test Report

Product Mark

Product Type : F52-400-3200S2-W5 LOTTO 503 Manufacturer :

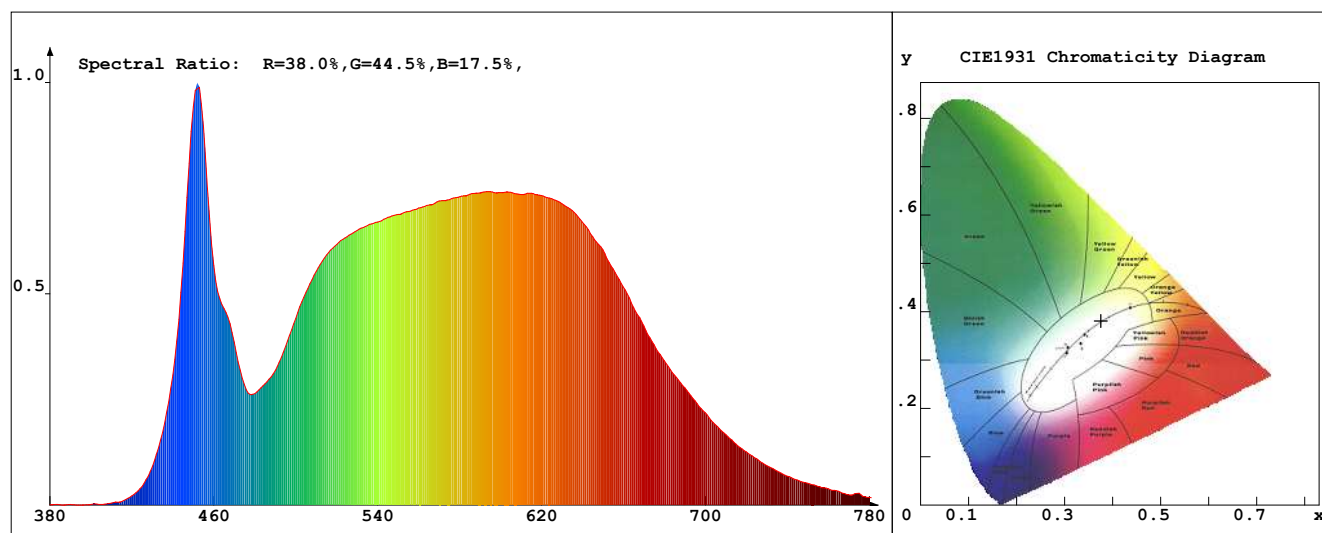
Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 01:37:19

Remark:



Chroma Parameters

Chro.Coord.: $x=0.3760$ $y=0.3809$ $u=0.2205$ $v=0.3352$ $duv=0.0033$

CCT: 4152K Dominant Wave.: 576.7nm Purity: 27.2% Centre Wave: 452.0nm

Flux RGB Ratio: $R=17.9\%$, $G=79.5\%$, $B=2.6\%$ Peak Wave: 451.2nm Half Width: 18.3nm

Rendering Index: $R_a=90.1$ CRI= 86.3

$R_1=89$	$R_2=92$	$R_3=94$	$R_4=91$	$R_5=89$	$R_6=89$	$R_7=94$	$R_8=83$
----------	----------	----------	----------	----------	----------	----------	----------

$R_9=55$	$R_{10}=81$	$R_{11}=90$	$R_{12}=65$	$R_{13}=90$	$R_{14}=96$	$R_{15}=87$	
----------	-------------	-------------	-------------	-------------	-------------	-------------	--

PPF: 8.405 $\mu\text{mol/s}$ (400-700nm)

PRF: 1.8mW (400-700nm)

PAR: 1.5mW (400-700nm)

Photo Parameters

Flux: 585.28lm Effi.: 95.5lm/W Radiant: 1855.0mW Iv: 0.0mcd

Scotopic Flux: 1043.0Plm Effi.: 0.0Plm/W S/P: 1.8

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 8869.410 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=24.03\text{V}$ Current: $I=0.2550\text{A}$ Power: $P=6.020\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 217.615ms

VPeak: 13416

VDark: 1355

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : F52-400-3200S2-W5 LOTTO 503 Manufacturer :

Temperature : 'C

Humidity : %

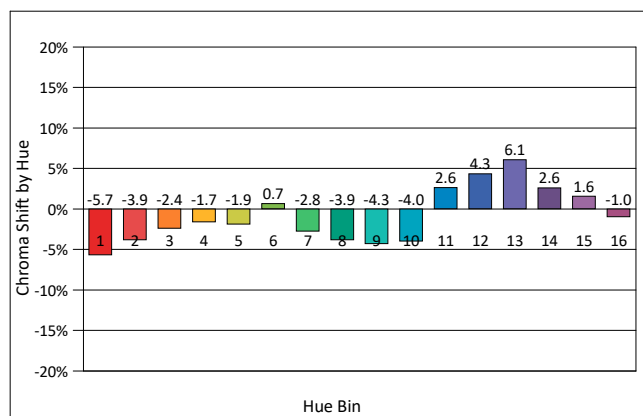
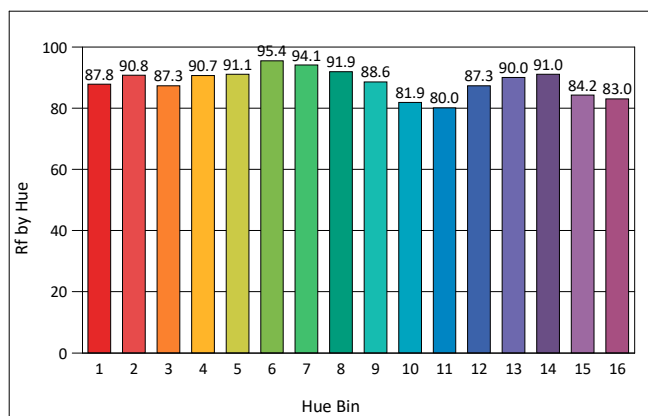
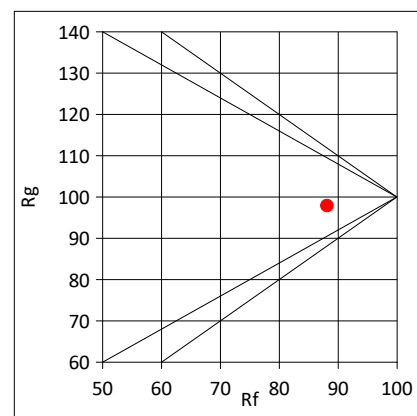
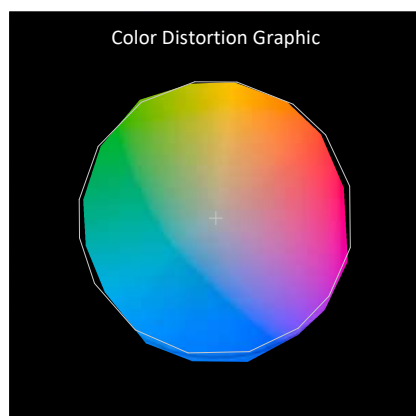
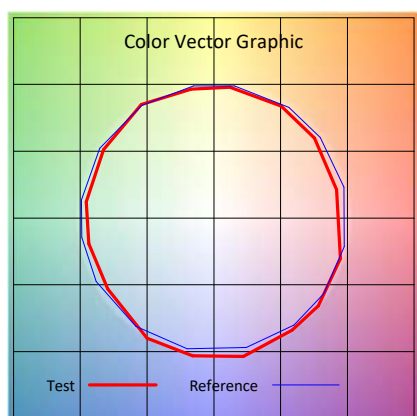
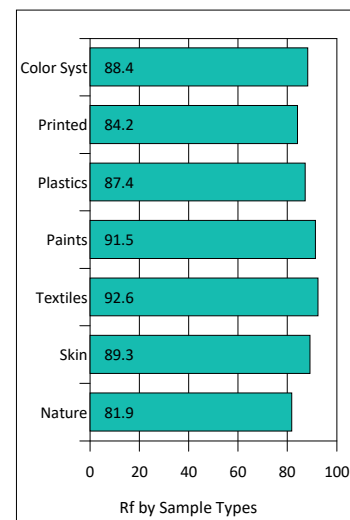
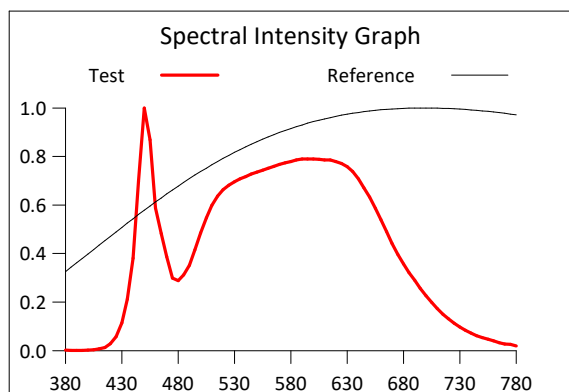
Operator :

Test Date : 31-01-23 01:37:19

Remark :

Rf: 88.1 CCT(K): 4152 u': 0.2205
Rg: 97.9 LER: 303.5 Duv: 0.0033 v': 0.3352

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.8	-5.7%	-0.8%
2	90.8	-3.9%	2.1%
3	87.3	-2.4%	5.2%
4	90.7	-1.7%	3.1%
5	91.1	-1.9%	2.2%
6	95.4	0.7%	-0.3%
7	94.1	-2.8%	-0.9%
8	91.9	-3.9%	0.7%
9	88.6	-4.3%	5.8%
10	81.9	-4.0%	9.4%
11	80.0	2.6%	11.9%
12	87.3	4.3%	5.0%
13	90.0	6.1%	-3.3%
14	91.0	2.6%	-3.2%
15	84.2	1.6%	-9.8%
16	83.0	-1.0%	-9.4%



IES TM-30-2015 Test Report

Product Mark

Product Type : F52-400-3200S2-W5 LOTTO 503 Manufacturer :

Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 01:37:19

Remark :

