

LED Test Report

Product Mark

Product Type : F52-300-204422 17.3W

Manufacturer :

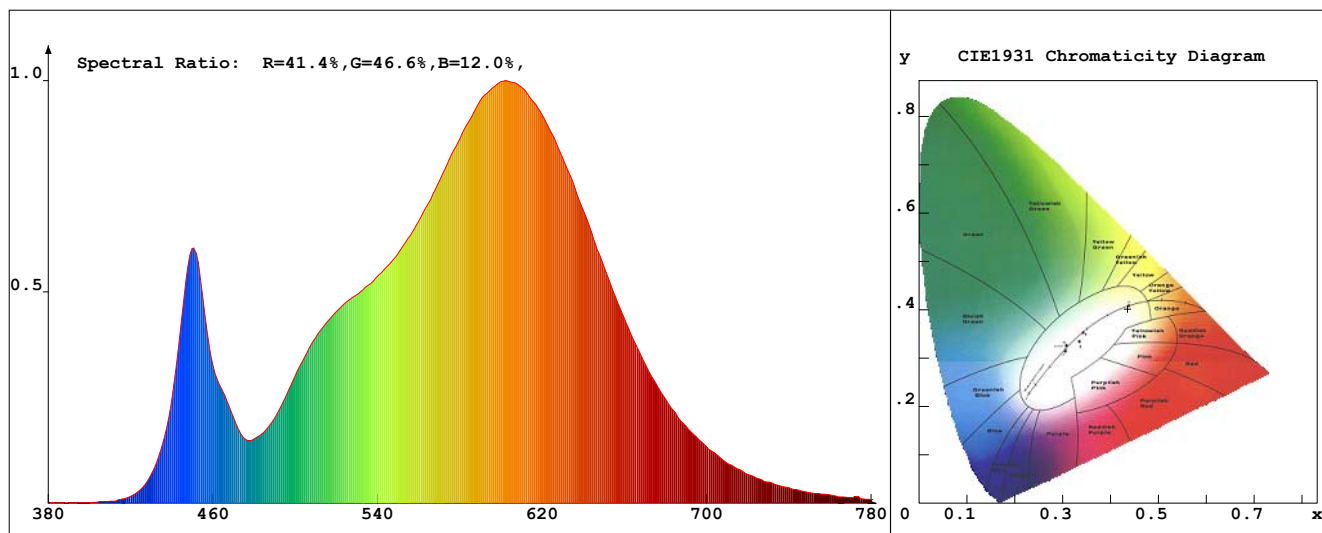
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: 3WS Lotto: 387



Chroma Parameters

Chro.Coord.: $x=0.4355$ $y=0.4015$ $u=0.2508$ $v=0.3468$ $duv=-0.0008$

CCT: 3003K Dominant Wave.: 583.1nm Purity: 51.2% Centre Wave: 592.3nm

Flux RGB Ratio: $R=21.8\%$, $G=76.6\%$, $B=1.5\%$ Peak Wave: 600.7nm Half Width: 122.7nm

Rendering Index: $R_a=81.2$ CRI= 78.4

$R_1=79$	$R_2=90$	$R_3=96$	$R_4=80$	$R_5=80$	$R_6=88$	$R_7=82$	$R_8=56$
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$R_9=0$	$R_{10}=77$	$R_{11}=79$	$R_{12}=70$	$R_{13}=82$	$R_{14}=99$	$R_{15}=71$
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PPF: 28.169 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.9mW (400-700nm)

PAR: 5.2mW (400-700nm)

Photo Parameters

Flux: 2072.04lm Effi.: 119.8lm/W Radiant: 6003.7mW Iv: 0.0mcd

Scotopic Flux: 2747.4Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 29080.199 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=733.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.60\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.311\text{W}$

Instrument state

Instrument: -

Integral Time: 63.428ms

VPeak: 13112

VDark: 1211

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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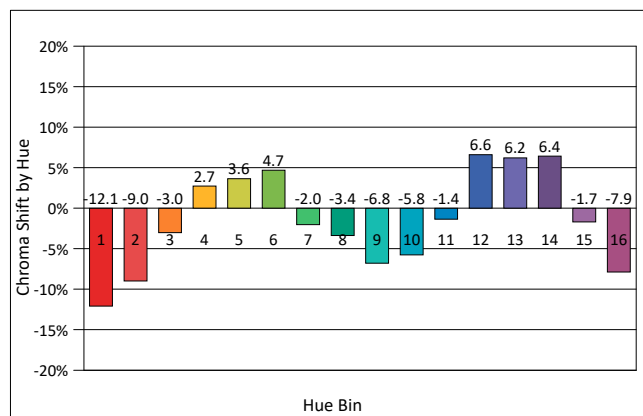
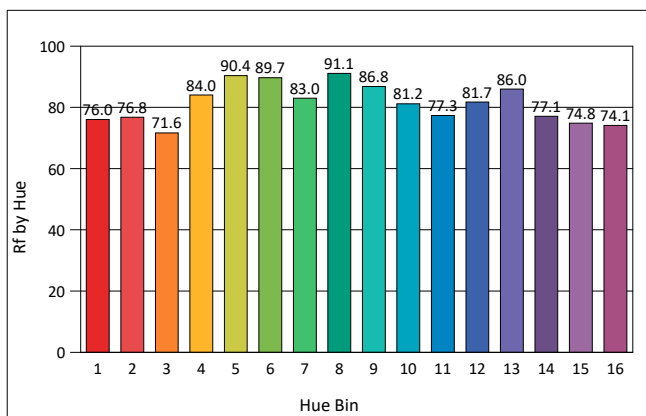
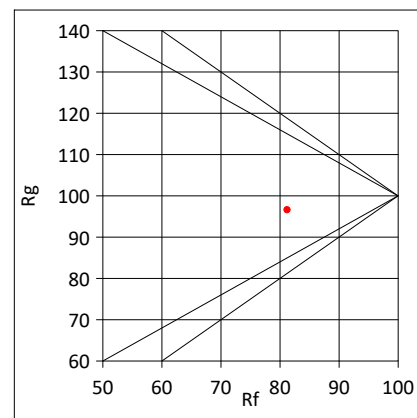
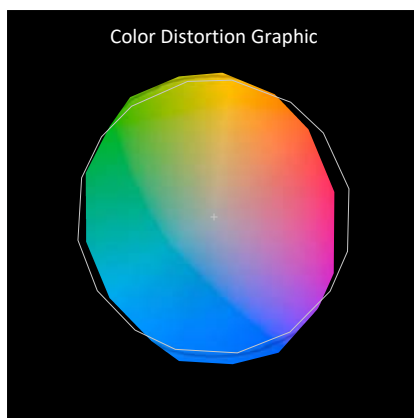
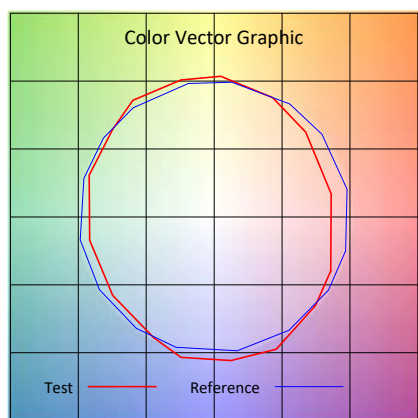
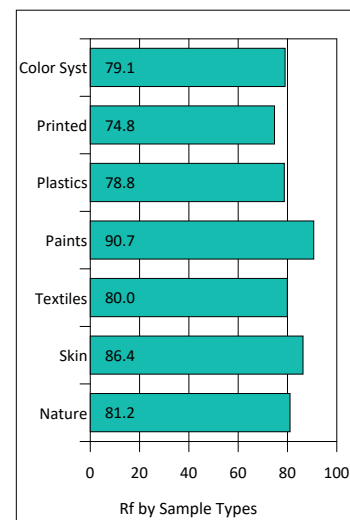
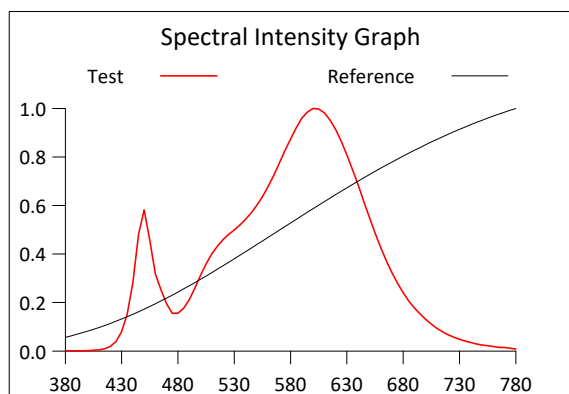
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Rf: 81.2 CCT(K): 3003 u': 0.2508
 Rg: 96.6 LER: 335.2 Duv: -0.0008 v': 0.3468

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.0	-12.1%	-1.0%
2	76.8	-9.0%	7.9%
3	71.6	-3.0%	13.1%
4	84.0	2.7%	8.8%
5	90.4	3.6%	4.8%
6	89.7	4.7%	-3.0%
7	83.0	-2.0%	-9.1%
8	91.1	-3.4%	-3.1%
9	86.8	-6.8%	1.5%
10	81.2	-5.8%	8.9%
11	77.3	-1.4%	14.3%
12	81.7	6.6%	5.1%
13	86.0	6.2%	-5.9%
14	77.1	6.4%	-15.5%
15	74.8	-1.7%	-14.7%
16	74.1	-7.9%	-16.6%



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