

LED Test Report

Product Mark

Product Type : F52-40s-240DF2 17.3W

Manufacturer :

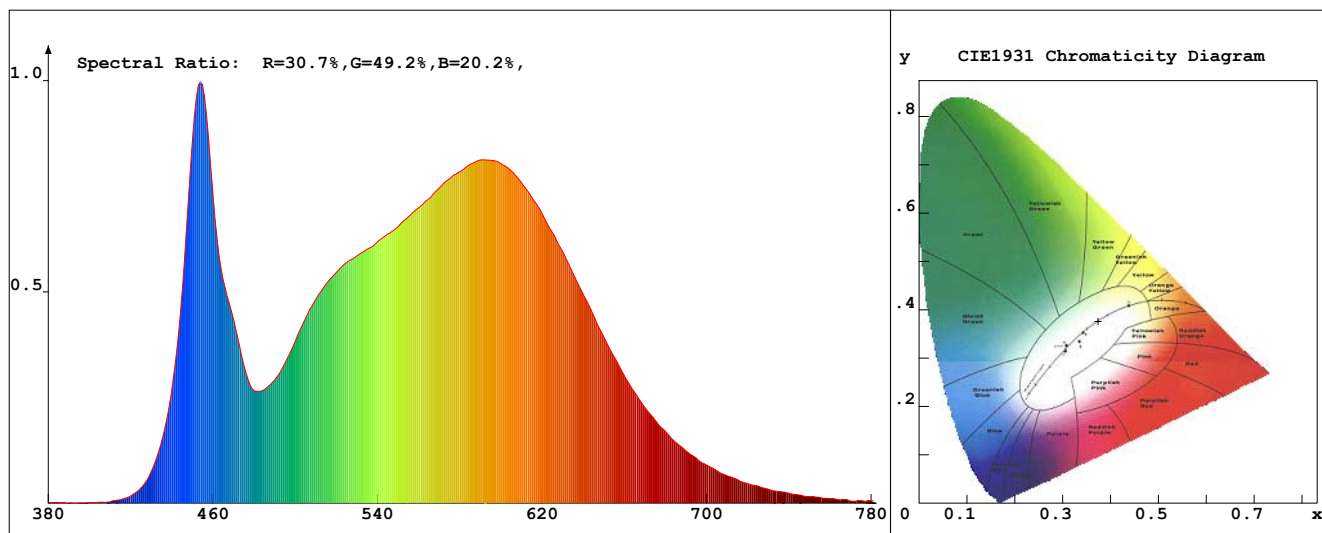
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: CT STEP3 Lotto: 374



Chroma Parameters

Chro.Coord.: $x=0.3742$ $y=0.3761$ $u=0.2212$ $v=0.3336$ $duv=0.0016$

CCT: 4171K Dominant Wave.: 577.5nm Purity: 25.2% Centre Wave: 454.8nm

Flux RGB Ratio: $R=16.9\%$, $G=80.4\%$, $B=2.7\%$ Peak Wave: 452.8nm Half Width: 21.5nm

Rendering Index: $R_a=82.4$ CRI= 78.4

$R_1=80$	$R_2=90$	$R_3=95$	$R_4=80$	$R_5=81$	$R_6=85$	$R_7=85$	$R_8=63$
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$R_9=3$	$R_{10}=75$	$R_{11}=79$	$R_{12}=58$	$R_{13}=83$	$R_{14}=98$	$R_{15}=74$	
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PPF: 29.157 $\mu\text{mol/s}$ (400-700nm)

PRF: 6.3mW (400-700nm)

PAR: 5.4mW (400-700nm)

Photo Parameters

Flux: 2208.50lm Effi.: 127.6lm/W Radiant: 6365.5mW Iv: 0.0mcd

Scotopic Flux: 3857.9Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 29803.301 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=731.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.68\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.320\text{W}$

Instrument state

Instrument: -

Integral Time: 62.825ms

VPeak: 14776

VDark: 1235

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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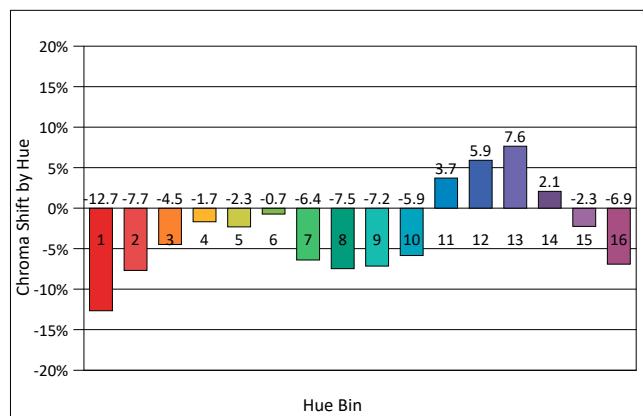
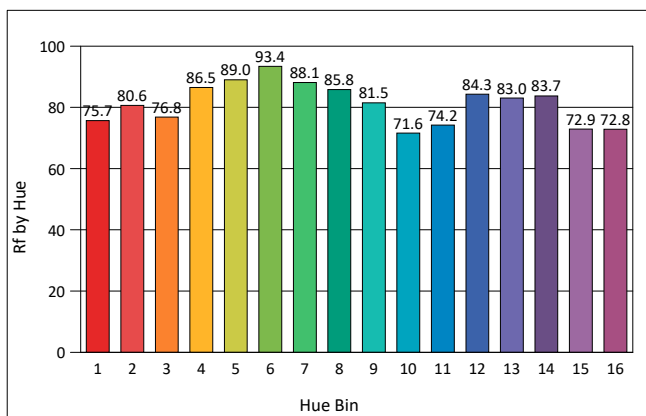
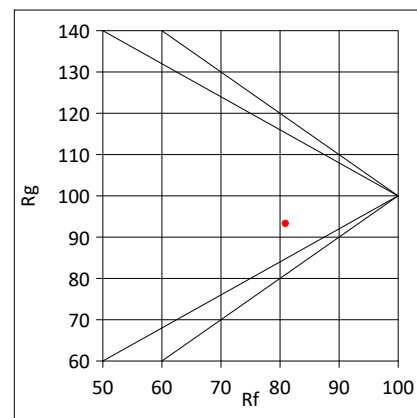
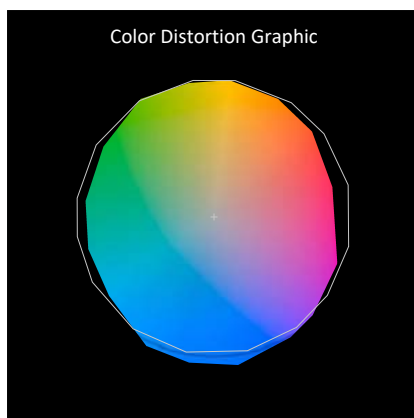
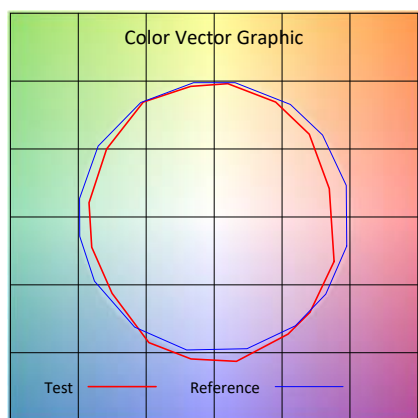
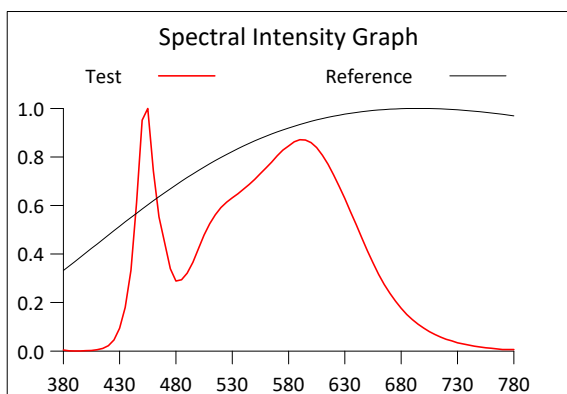
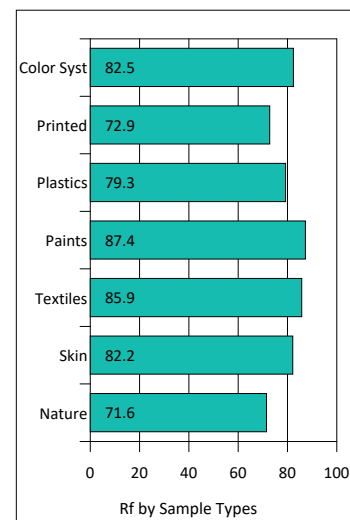
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Rf: 80.9 CCT(K): 4171 u': 0.2212
 Rg: 93.3 LER: 334.2 Duv: 0.0016 v': 0.3336

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.7	-12.7%	0.1%
2	80.6	-7.7%	5.9%
3	76.8	-4.5%	10.0%
4	86.5	-1.7%	5.3%
5	89.0	-2.3%	2.6%
6	93.4	-0.7%	-1.8%
7	88.1	-6.4%	-1.7%
8	85.8	-7.5%	1.8%
9	81.5	-7.2%	9.6%
10	71.6	-5.9%	14.7%
11	74.2	3.7%	15.0%
12	84.3	5.9%	4.4%
13	83.0	7.6%	-9.3%
14	83.7	2.1%	-7.9%
15	72.9	-2.3%	-17.6%
16	72.8	-6.9%	-13.0%



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