

LED Test Report

Product Mark

Product Type : F52-35s-240DF2 17.3W

Manufacturer :

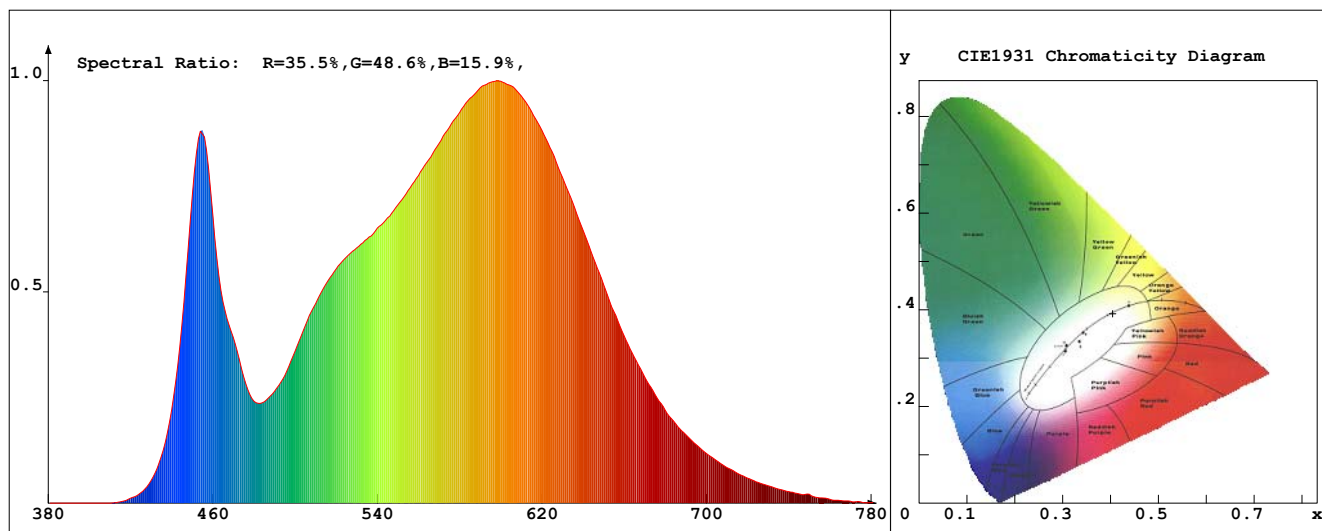
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: STEP3 Lotto: 85



Chroma Parameters

Chro.Coord.: $x=0.4046$ $y=0.3919$ $u=0.2348$ $v=0.3411$ $duv=0.0007$

CCT: 3526K Dominant Wave.: 580.5nm Purity: 39.1% Centre Wave: 581.0nm

Flux RGB Ratio: $R=19.1\%$, $G=78.8\%$, $B=2.2\%$ Peak Wave: 596.7nm Half Width: 138.3nm

Rendering Index: $R_a=81.4$ CRI= 77.8

$R_1=79$	$R_2=89$	$R_3=96$	$R_4=79$	$R_5=80$	$R_6=86$	$R_7=83$	$R_8=59$
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$R_9=0$	$R_{10}=75$	$R_{11}=77$	$R_{12}=61$	$R_{13}=82$	$R_{14}=98$	$R_{15}=72$
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PPF: 28.134 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.9mW (400-700nm)

PAR: 5.2mW (400-700nm)

Photo Parameters

Flux: 2141.00lm Effi.: 123.7lm/W Radiant: 6048.8mW Iv: 0.0mcd

Scotopic Flux: 3271.5Plm Effi.: 0.0Plm/W S/P: 1.5

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 28795.801 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=724.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.91\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.330\text{W}$

Instrument state

Instrument: -

Integral Time: 66.817ms

VPeak: 13512

VDark: 1121

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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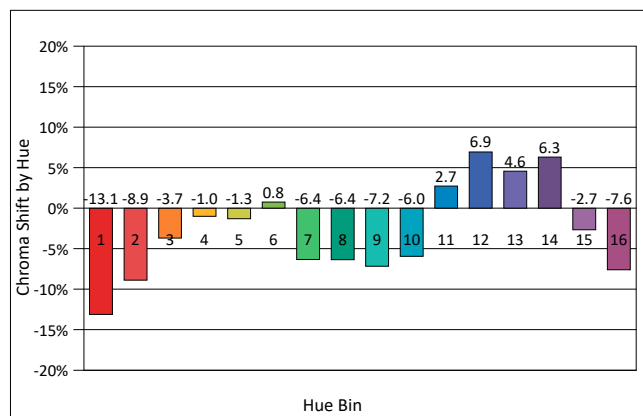
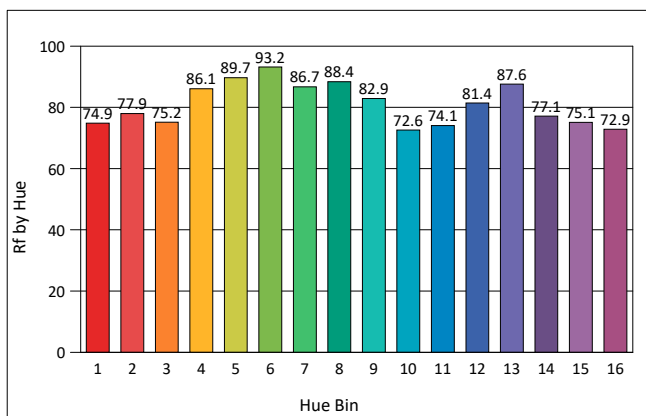
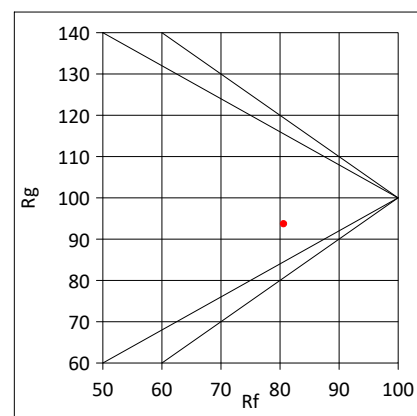
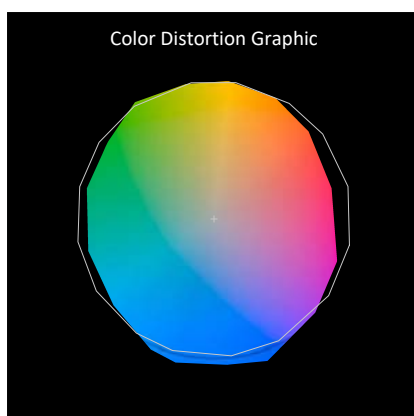
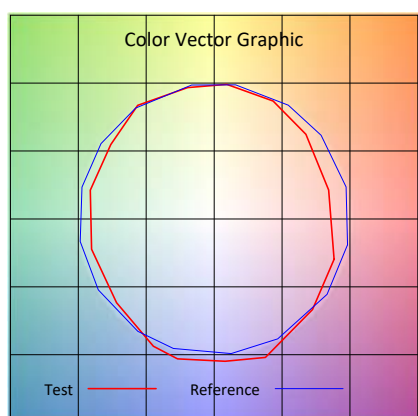
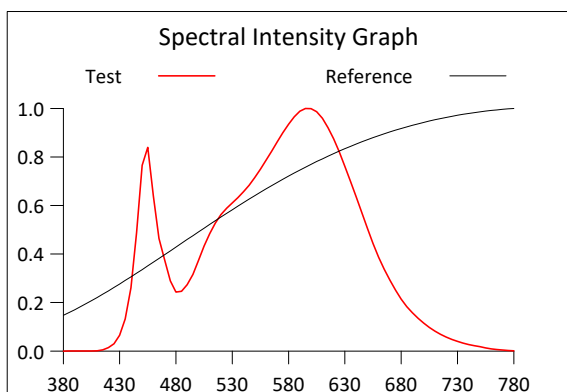
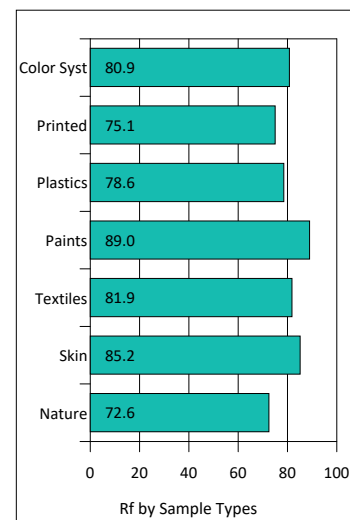
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Rf: 80.6 CCT(K): 3526 u': 0.2348
 Rg: 93.7 LER: 340.2 Duv: 0.0007 v': 0.3411

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.9	-13.1%	0.3%
2	77.9	-8.9%	6.8%
3	75.2	-3.7%	11.0%
4	86.1	-1.0%	6.4%
5	89.7	-1.3%	3.3%
6	93.2	0.8%	-2.3%
7	86.7	-6.4%	-3.4%
8	88.4	-6.4%	1.0%
9	82.9	-7.2%	7.1%
10	72.6	-6.0%	15.3%
11	74.1	2.7%	15.6%
12	81.4	6.9%	4.5%
13	87.6	4.6%	-5.5%
14	77.1	6.3%	-15.2%
15	75.1	-2.7%	-15.2%
16	72.9	-7.6%	-12.4%



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