

LED Test Report

Product Mark

Product Type : F52-40s-160822A

Temperature : -'C

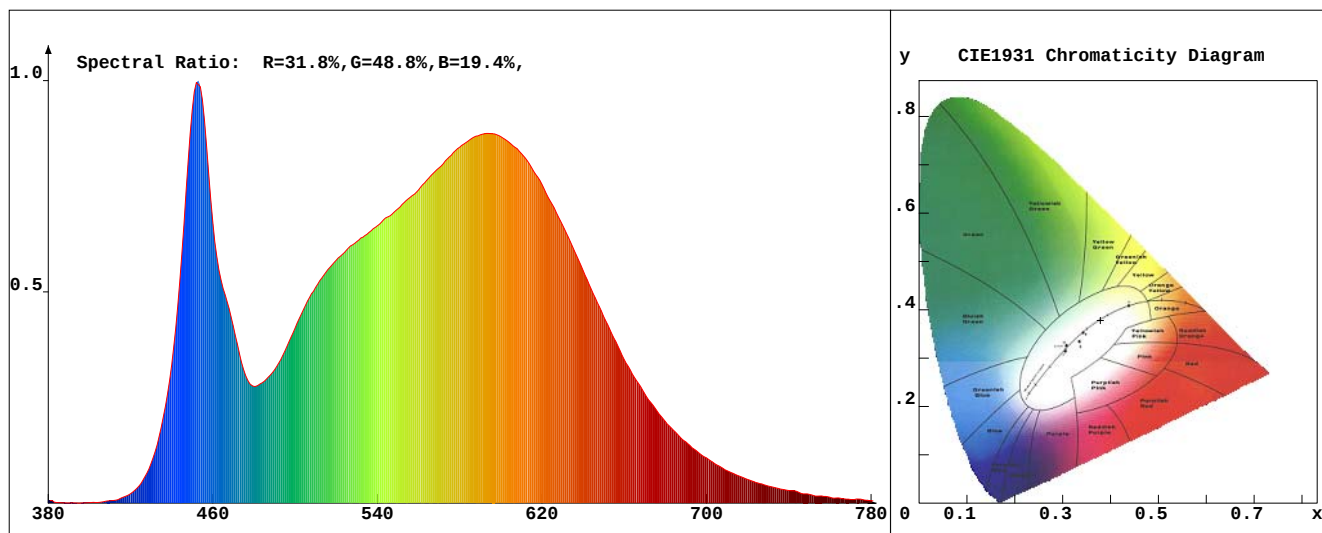
Operator : -

Remark:

Manufacturer : -

Humidity : -%

Test Date : 2023-06-20



Chroma Parameters

Chro.Coor.:x=0.3786 y=0.3781 u=0.2234 v=0.3346 duv=0.0012

CCT: 4060K Dominant Wave.:578.2nm Purity:27.1% Centre Wave:453.4nm

Flux RGB Ratio:R=17.3%,G=80.1%,B=2.6% Peak Wave:451.6nm Half Width:21.9nm

Rendering Index:Ra= 82.9 CRI= 79.0

R1 =81 R2 =90 R3 =96 R4 =81 R5 =81 R6 =86 R7 =86 R8 =64

R9 =6 R10=75 R11=80 R12=61 R13=83 R14=98 R15=75

PPF:47.948umol/s(400-700nm) PRF:10.3mW(400-700nm) PAR:8.9mW(400-700nm)

Photo Parameters

Flux:3663.22lm Effi.:166.9lm/W Radiant:10464.4mW Iv:0.0mcd

Scotopic Flux:6275.8Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:49160.699umol/s(380-780nm)

Ele. Parameters

Forward Current:If=933.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.52V

Reverse Current:Ir=0.00uA

Power:P=21.951W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 42.669ms

VPeak: 13816

VDark: 1254

Scan Range: 380-780nm

Product ID: 201508924

www.ledpoint.it

IES TM-30-2015 Test Report

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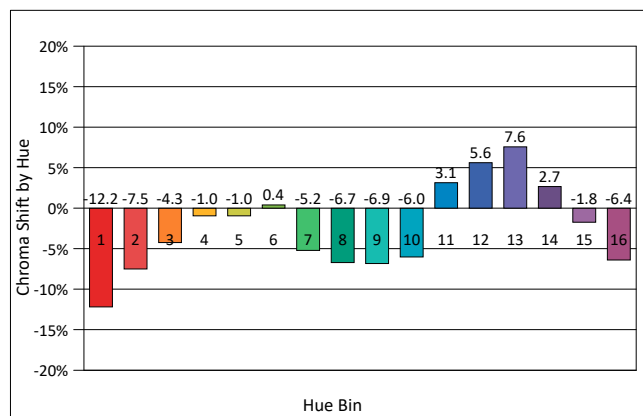
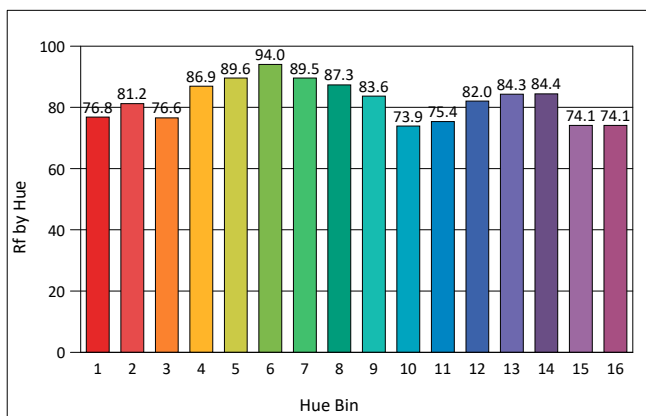
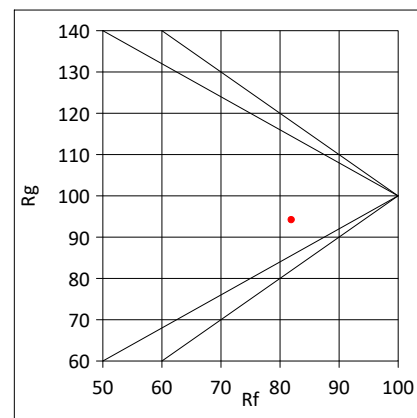
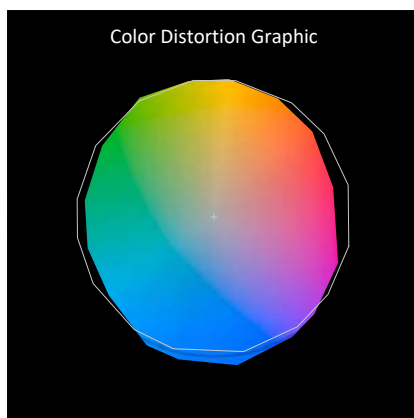
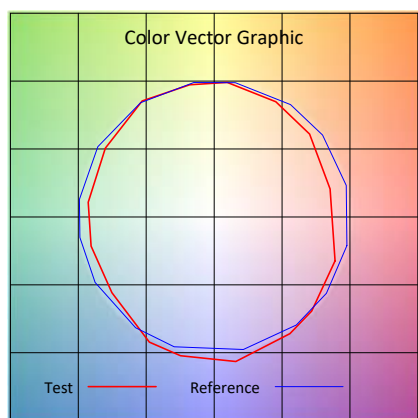
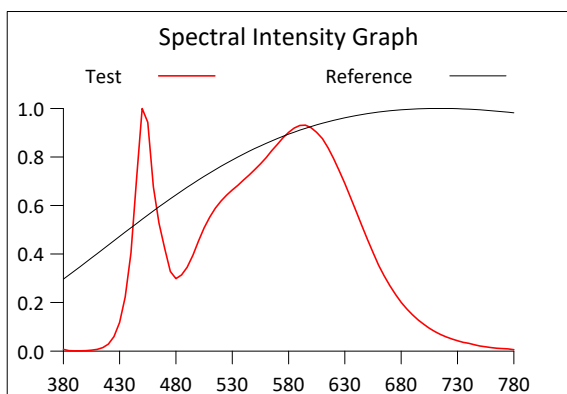
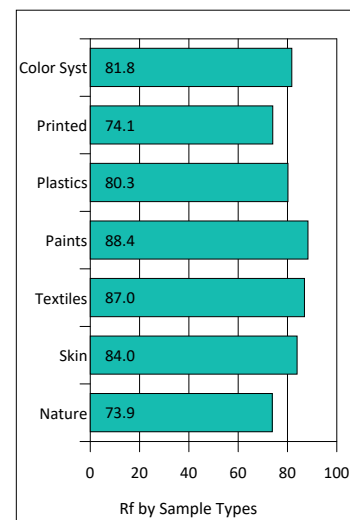
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Rf: 81.9 CCT(K): 4060 u': 0.2234
 Rg: 94.2 LER: 332.4 Duv: 0.0012 v': 0.3346

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.8	-12.2%	-0.2%
2	81.2	-7.5%	5.8%
3	76.6	-4.3%	10.3%
4	86.9	-1.0%	5.9%
5	89.6	-1.0%	3.1%
6	94.0	0.4%	-1.7%
7	89.5	-5.2%	-2.3%
8	87.3	-6.7%	0.8%
9	83.6	-6.9%	7.9%
10	73.9	-6.0%	13.1%
11	75.4	3.1%	14.4%
12	82.0	5.6%	6.0%
13	84.3	7.6%	-7.2%
14	84.4	2.7%	-7.4%
15	74.1	-1.8%	-17.0%
16	74.1	-6.4%	-12.7%



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