

LED Test Report

Product Mark

Product Type : F52-40s-240D22-R

Manufacturer : -

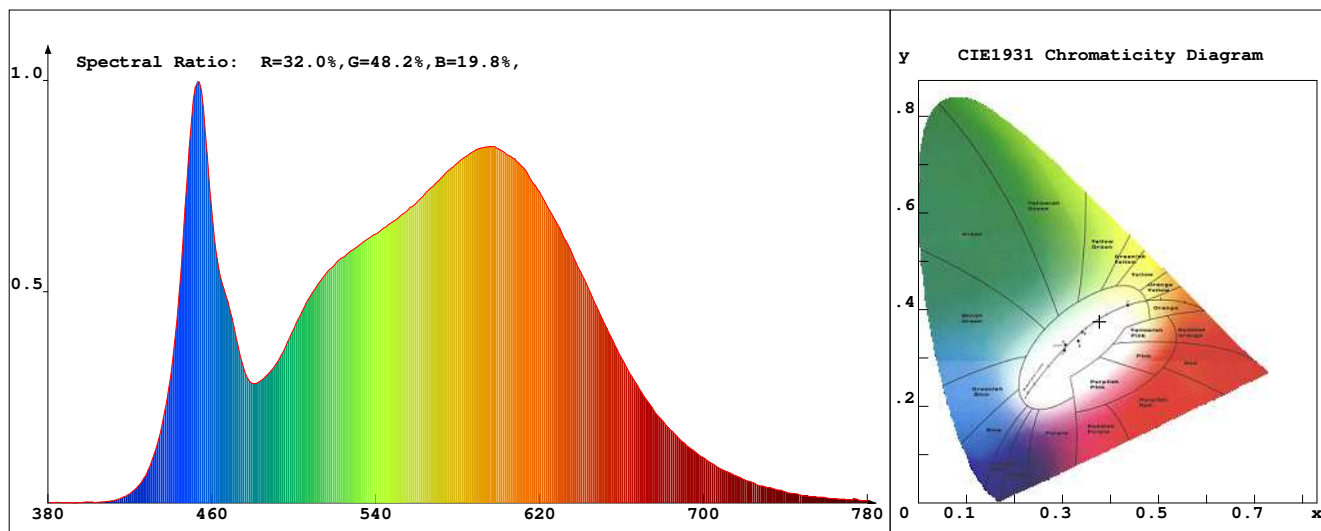
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-09-25

Remark:



Chroma Parameters

Chro.Coord.:x=0.3767 y=0.3753 u=0.2232 v=0.3336 duv=0.0004

CCT: 4095K Dominant Wave.:578.5nm Purity:25.7% Centre Wave:454.2nm

Flux RGB Ratio:R=17.4%,G=79.8%,B=2.7% Peak Wave:452.2nm Half Width:22.3nm

Rendering Index:Ra= 84.4 CRI= 80.5

R1 =83 R2 =91 R3 =96 R4 =83 R5 =83 R6 =87 R7 =86 R8 =66

R9 =13 R10=78 R11=82 R12=63 R13=85 R14=98 R15=77

PPF:27.352umol/s (400-700nm)

PRF:5.9mW (400-700nm)

PAR:5.1mW (400-700nm)

Photo Parameters

Flux:2132.93lm Effi.:122.5lm/W Radiant:5969.0mW Iv:0.0mcd

Scotopic Flux:3719.3Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:28030.400umol/s (380-780nm)

Ele. Parameters

Forward Current:If=725.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.02V

Reverse Current:Ir=0.00uA

Power:P=17.421W

Instrument state

Instrument:Lisun

Integral Time: 73.977ms

VPeak: 13816

VDark: 1169

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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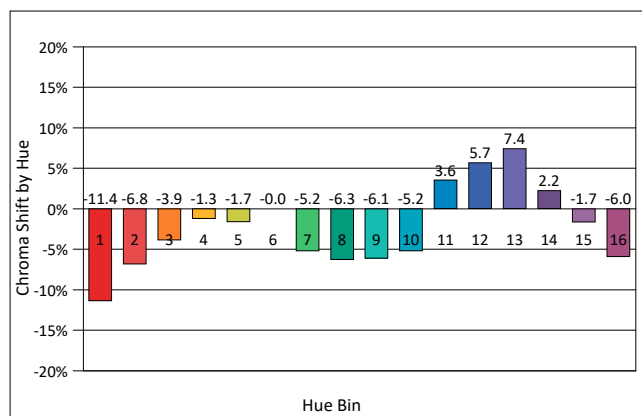
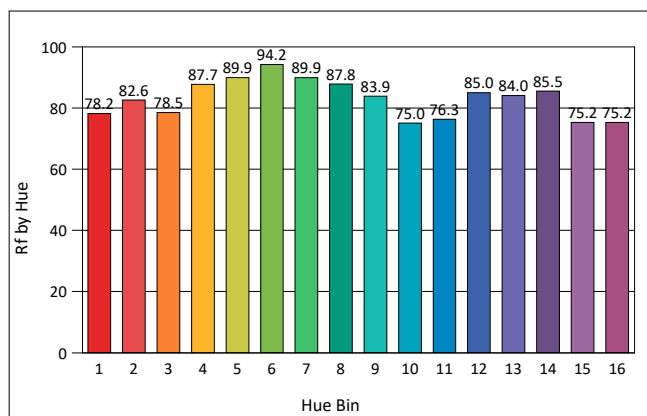
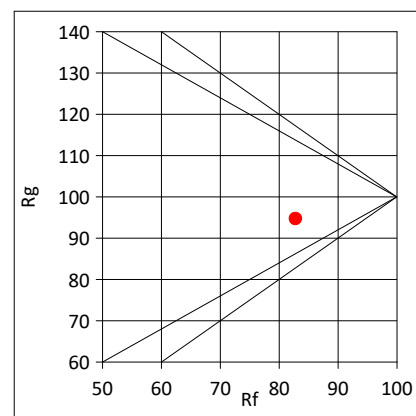
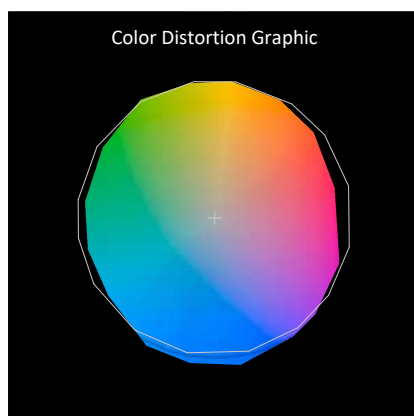
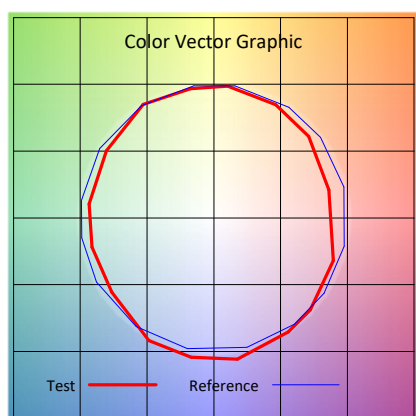
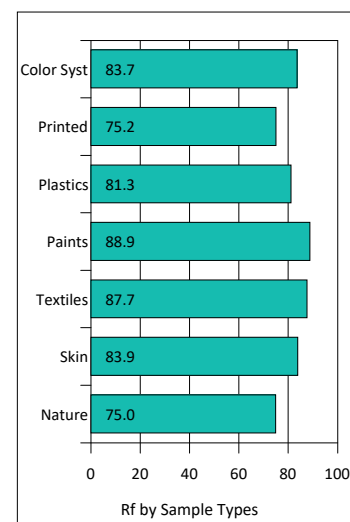
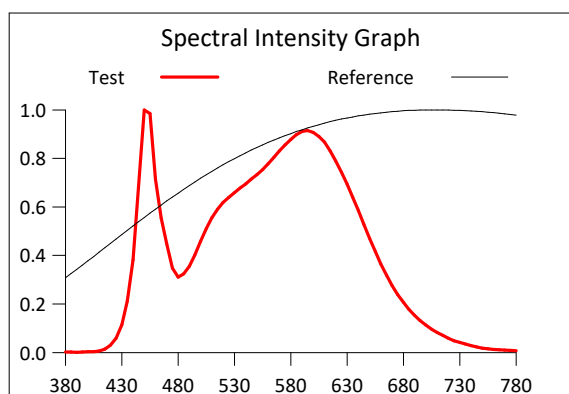
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Rf: 82.8 CCT(K): 4095 u': 0.2232
 Rg: 94.7 LER: 328.7 Duv: 0.0004 v': 0.3336

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	78.2	-11.4%	0.0%
2	82.6	-6.8%	5.4%
3	78.5	-3.9%	9.4%
4	87.7	-1.3%	5.0%
5	89.9	-1.7%	2.6%
6	94.2	-0.0%	-1.4%
7	89.9	-5.2%	-1.6%
8	87.8	-6.3%	1.5%
9	83.9	-6.1%	8.3%
10	75.0	-5.2%	12.8%
11	76.3	3.6%	13.7%
12	85.0	5.7%	4.1%
13	84.0	7.4%	-8.7%
14	85.5	2.2%	-6.9%
15	75.2	-1.7%	-16.2%
16	75.2	-6.0%	-12.1%



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