

LED Test Report

Product Mark

Product Type : OR40s-F52-x240D22-W6

Manufacturer : -

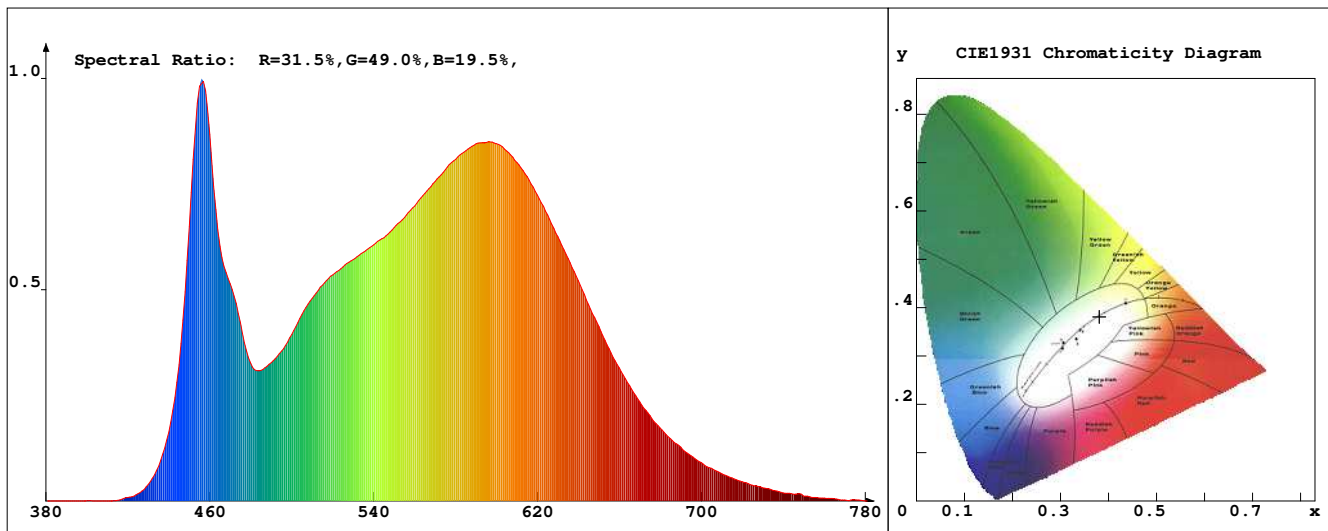
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: x=0.3812 y=0.3808 u=0.2240 v=0.3357 duv=0.0017

CCT: 4010K Dominant Wave.: 578.2nm Purity: 28.7% Centre Wave: 458.6nm

Flux RGB Ratio: R=17.5%, G=79.6%, B=2.9% Peak Wave: 454.8nm Half Width: 23.1nm

Rendering Index: Ra= 82.7 CRI= 79.2

R1 =82 R2 =92 R3 =95 R4 =79 R5 =81 R6 =89 R7 =83 R8 =61

R9 =4 R10=81 R11=78 R12=60 R13=85 R14=98 R15=74

PPF: 17.947 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.8mW (400-700nm)

PAR: 3.3mW (400-700nm)

Photo Parameters

Flux: 1394.62lm Effi.: 162.4lm/W Radiant: 3896.7mW Iv: 0.0mcd

Scotopic Flux: 2423.8Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 18304.301 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=358.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.99V

Reverse Current: Ir=0.00uA

Power: P=8.601W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 118.403ms

VPeak: 15064

VDark: 1182

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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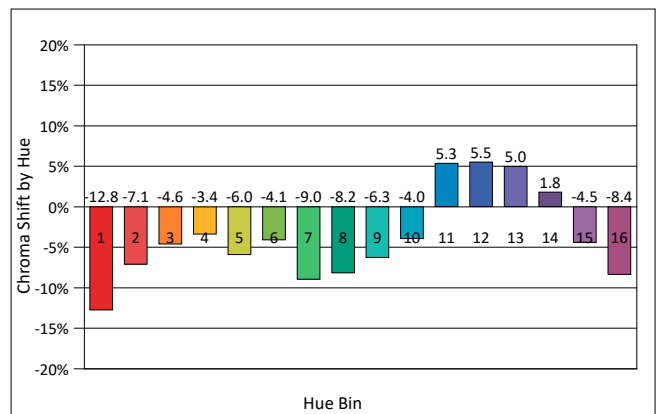
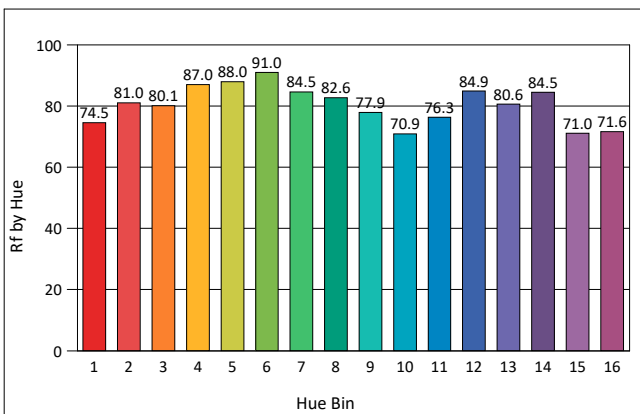
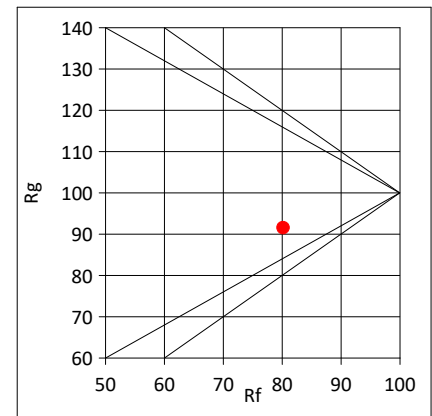
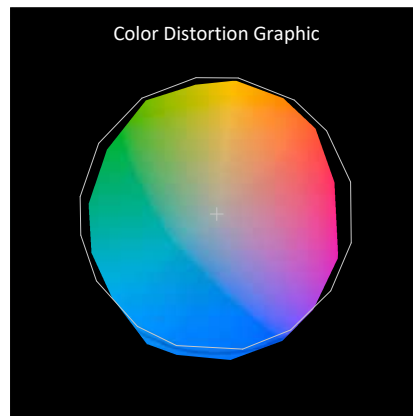
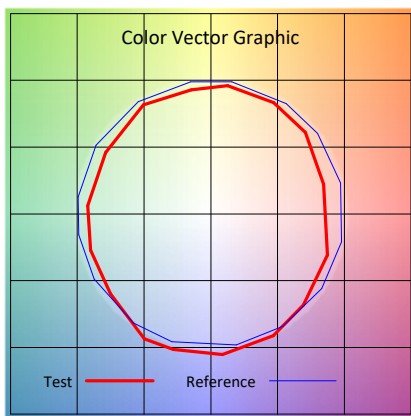
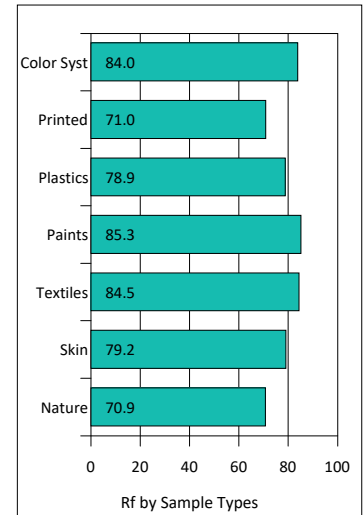
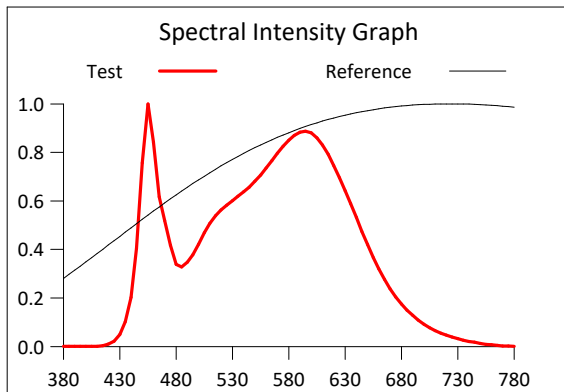
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Rf: 80.2 CCT(K): 4010 u': 0.2240
Rg: 91.5 LER: 335.7 Duv: 0.0017 v': 0.3357

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.5	-12.8%	1.4%
2	81.0	-7.1%	5.7%
3	80.1	-4.6%	7.9%
4	87.0	-3.4%	2.4%
5	88.0	-6.0%	0.6%
6	91.0	-4.1%	-1.7%
7	84.5	-9.0%	0.6%
8	82.6	-8.2%	5.0%
9	77.9	-6.3%	13.2%
10	70.9	-4.0%	15.9%
11	76.3	5.3%	13.0%
12	84.9	5.5%	2.3%
13	80.6	5.0%	-11.4%
14	84.5	1.8%	-9.7%
15	71.0	-4.5%	-17.7%
16	71.6	-8.4%	-11.7%



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