

LED Test Report

Product Mark

Product Type : OR40s-B52-240D22

Manufacturer : -

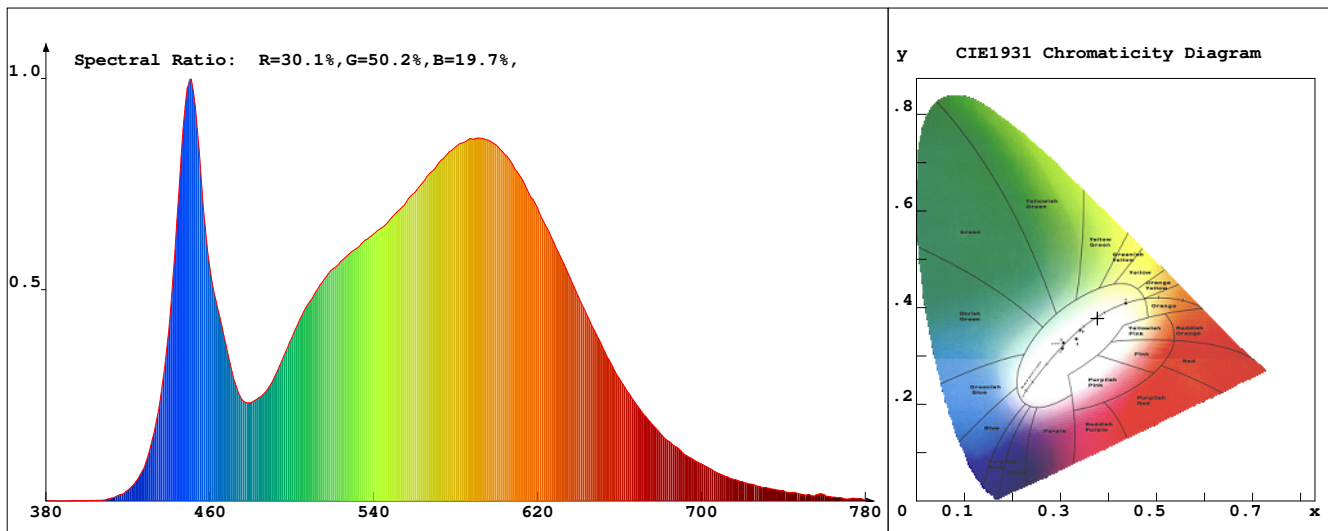
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3771 y=0.3777 u=0.2225 v=0.3343 duv=0.0014

CCT: 4099K Dominant Wave.:577.9nm Purity:26.5% Centre Wave:450.7nm

Flux RGB Ratio:R=16.6%,G=81.0%,B=2.4% Peak Wave:449.6nm Half Width:19.7nm

Rendering Index:Ra= 79.5 CRI= 75.6

R1 =77 R2 =86 R3 =94 R4 =78 R5 =78 R6 =82 R7 =84 R8 =58

R9 =-11 R10=68 R11=77 R12=58 R13=79 R14=97 R15=70

PPF:27.860umol/s (400-700nm)

PRF: 6.0mW (400-700nm)

PAR: 5.2mW (400-700nm)

Photo Parameters

Flux:2194.43lm Effi.:127.0lm/W Radiant:6084.7mW Iv:0.0mcd

Scotopic Flux:3687.4Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:28462.500umol/s (380-780nm)

Ele. Parameters

Forward Current:If=725.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.83V

Reverse Current:Ir=0.00uA

Power:P=17.300W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 64.265ms

VPeak: 13144

VDark: 1233

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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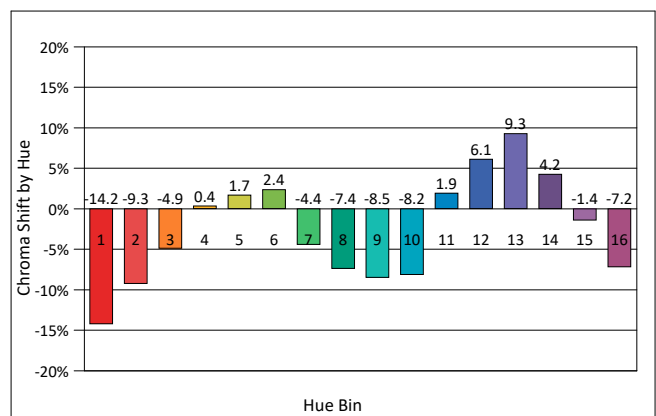
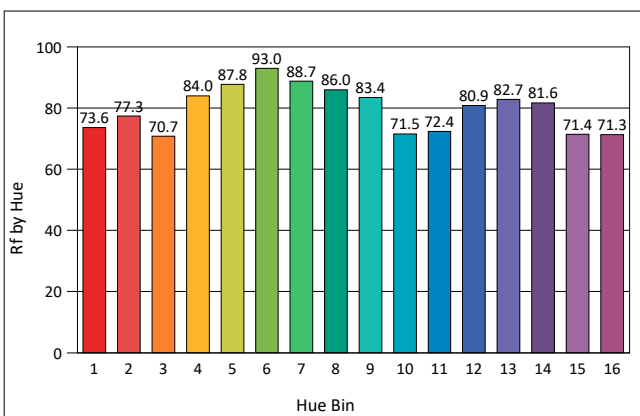
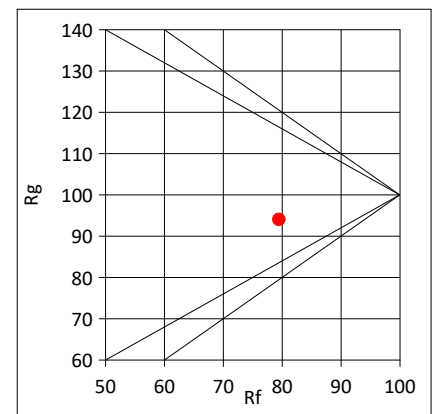
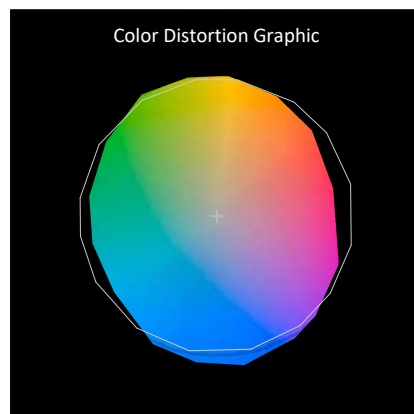
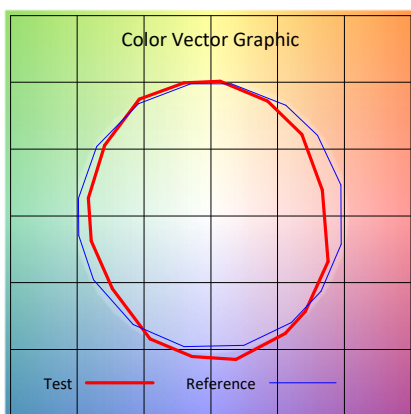
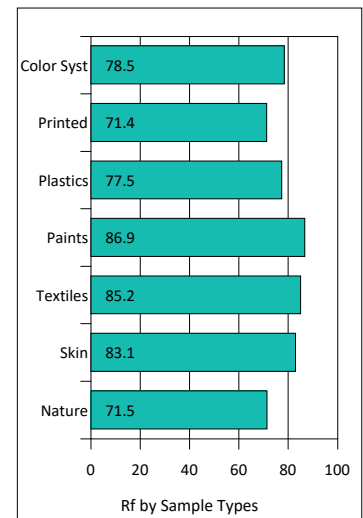
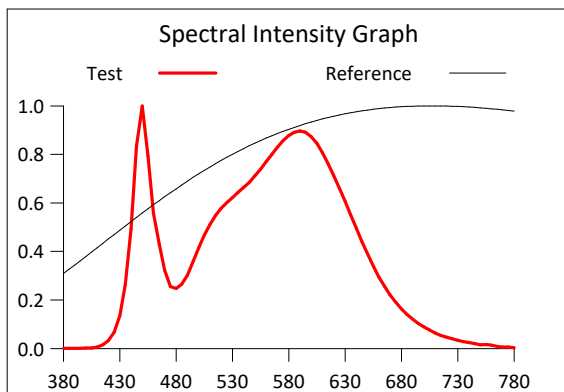
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Rf: 79.5 CCT(K): 4099 u': 0.2225
 Rg: 94.0 LER: 339.8 Duv: 0.0014 v': 0.3343

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	73.6	-14.2%	-1.1%
2	77.3	-9.3%	7.1%
3	70.7	-4.9%	13.2%
4	84.0	0.4%	8.7%
5	87.8	1.7%	4.7%
6	93.0	2.4%	-2.3%
7	88.7	-4.4%	-4.3%
8	86.0	-7.4%	-1.5%
9	83.4	-8.5%	5.9%
10	71.5	-8.2%	13.3%
11	72.4	1.9%	16.4%
12	80.9	6.1%	7.2%
13	82.7	9.3%	-7.9%
14	81.6	4.2%	-8.3%
15	71.4	-1.4%	-19.1%
16	71.3	-7.2%	-14.7%



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