

LED Test Report

Product Mark

Product Type : OR30s-B52-240D22

Manufacturer : -

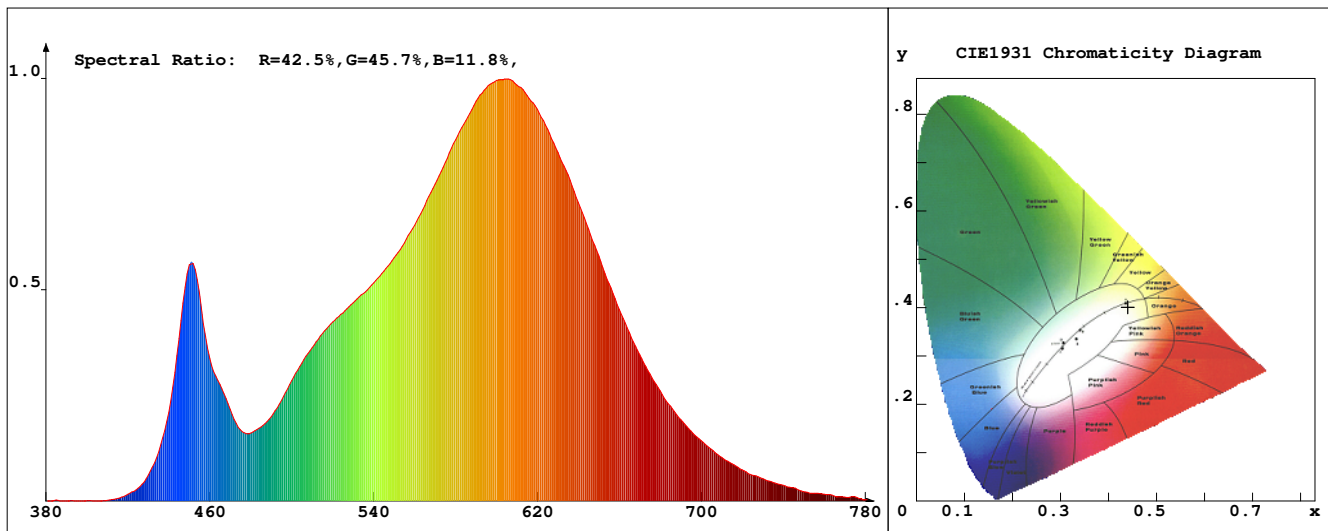
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4401$ $y=0.4012$ $u=0.2539$ $v=0.3471$ $duv=-0.0016$

CCT: 2923K Dominant Wave.: 583.7nm Purity: 52.5% Centre Wave: 595.8nm

Flux RGB Ratio: R=22.4%, G=76.1%, B=1.6% Peak Wave: 603.8nm Half Width: 118.5nm

Rendering Index: Ra= 81.0 CRI= 78.4

R1 =79 R2 =90 R3 =96 R4 =79 R5 =80 R6 =88 R7 =81 R8 =55

R9 =1 R10=78 R11=78 R12=71 R13=82 R14=99 R15=72

PPF: 25.463 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.3mW (400-700nm)

PAR: 4.7mW (400-700nm)

Photo Parameters

Flux: 1949.56lm Effi.: 112.9lm/W Radiant: 5414.4mW Iv: 0.0mcd

Scotopic Flux: 2538.1Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 26305.500 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=725.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.82\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.290\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 86.413ms

VPeak: 14680

VDark: 1290

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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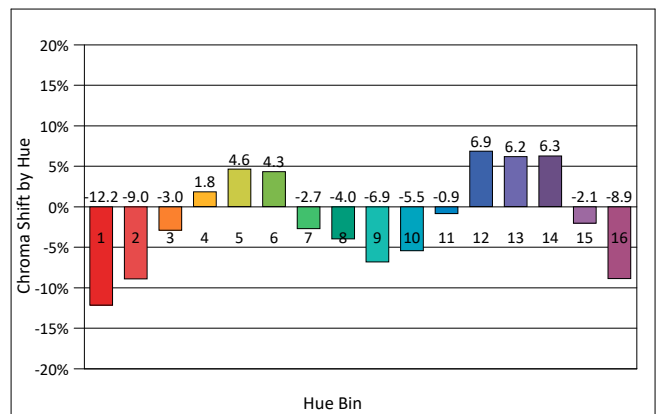
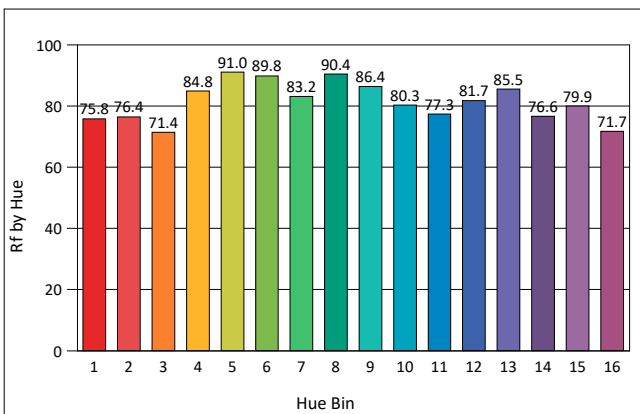
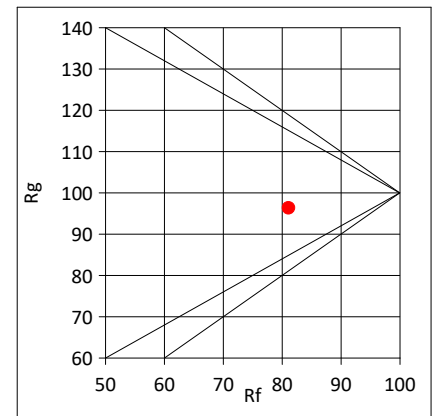
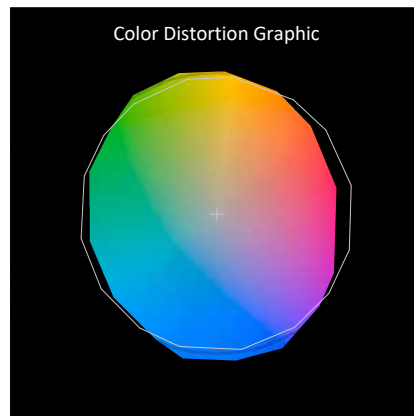
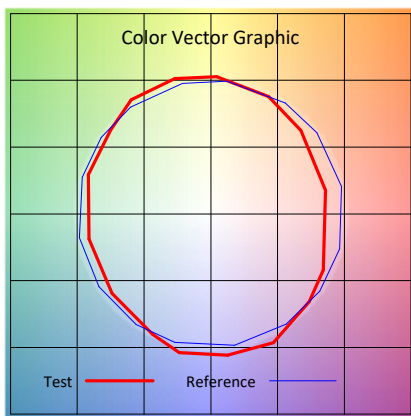
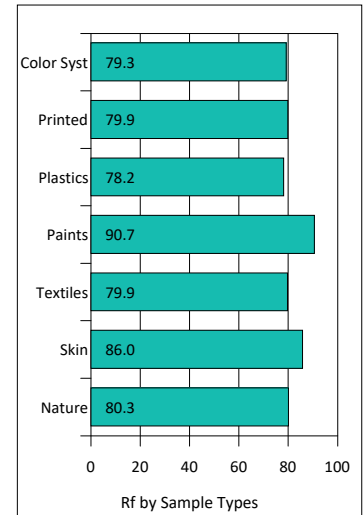
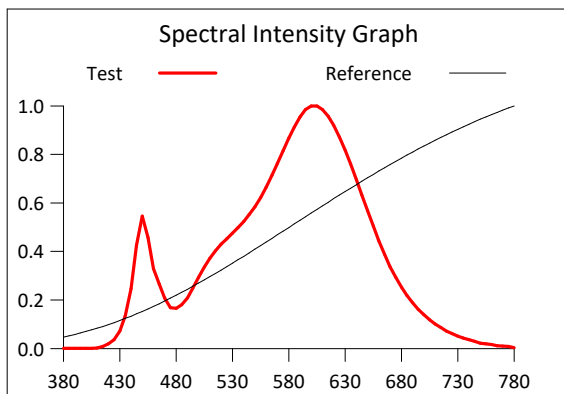
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Rf: 81.1 CCT(K): 2923 u': 0.2539
 Rg: 96.3 LER: 332.2 Duv: -0.0016 v': 0.3471

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.8	-12.2%	-0.6%
2	76.4	-9.0%	8.1%
3	71.4	-3.0%	13.3%
4	84.8	1.8%	8.1%
5	91.0	4.6%	4.7%
6	89.8	4.3%	-3.3%
7	83.2	-2.7%	-8.8%
8	90.4	-4.0%	-2.8%
9	86.4	-6.9%	2.4%
10	80.3	-5.5%	9.7%
11	77.3	-0.9%	14.5%
12	81.7	6.9%	4.6%
13	85.5	6.2%	-6.6%
14	76.6	6.3%	-15.9%
15	79.9	-2.1%	-11.0%
16	71.7	-8.9%	-17.8%



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