

LED Test Report

Product Mark

Product Type : OR400-F52-240CZ2-W5

Manufacturer : -

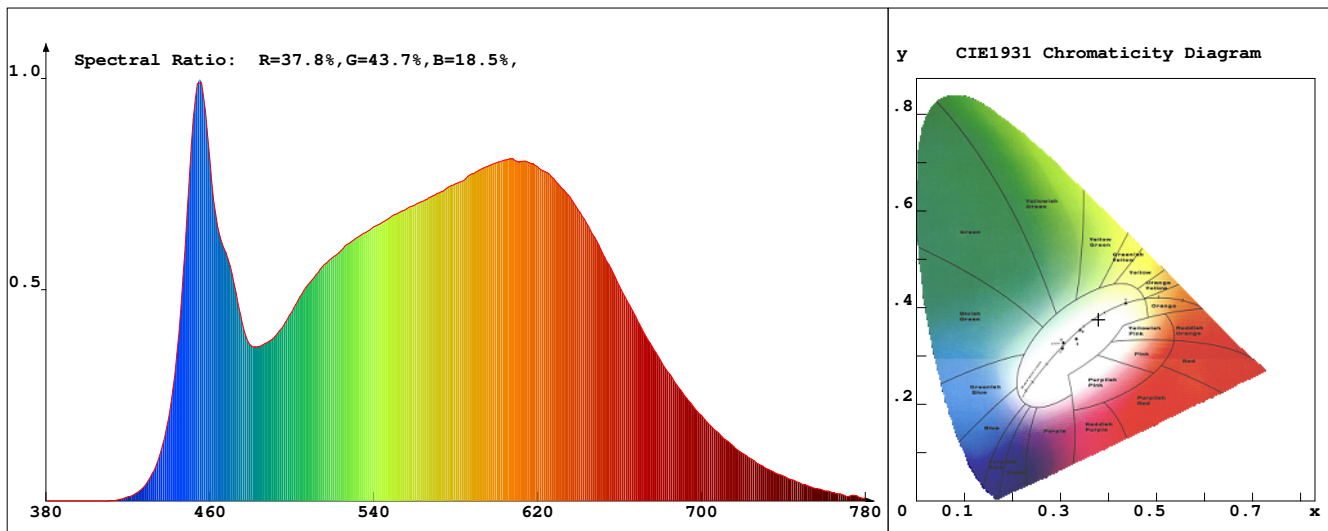
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.3788$ $y=0.3749$ $u=0.2248$ $v=0.3337$ $duv=-0.0004$

CCT: 4031K Dominant Wave.: 579.2nm Purity: 26.2% Centre Wave: 458.6nm

Flux RGB Ratio: $R=18.9\%$, $G=78.0\%$, $B=3.1\%$ Peak Wave: 453.8nm Half Width: 26.3nm

Rendering Index: $R_a=91.8$ CRI= 89.0

 $R_1=92$ $R_2=97$ $R_3=98$ $R_4=90$ $R_5=91$ $R_6=94$ $R_7=91$ $R_8=82$ $R_9=57$ $R_{10}=91$ $R_{11}=90$ $R_{12}=69$ $R_{13}=94$ $R_{14}=99$ $R_{15}=89$ PPF: 17.664 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.7mW (400-700nm)

PAR: 3.2mW (400-700nm)

Photo Parameters

Flux: 1253.43lm Effi.: 130.7lm/W Radiant: 3871.2mW Iv: 0.0mcd

Scotopic Flux: 2272.2Plm Effi.: 0.0Plm/W S/P: 1.8

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 18471.400 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=402.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.86\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=9.601\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 135.639ms

VPeak: 15384

VDark: 1310

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

Product Mark

Product Type : OR400-F52-240CZ2-W5

Temperature : 'C

Operator : -

Remark :

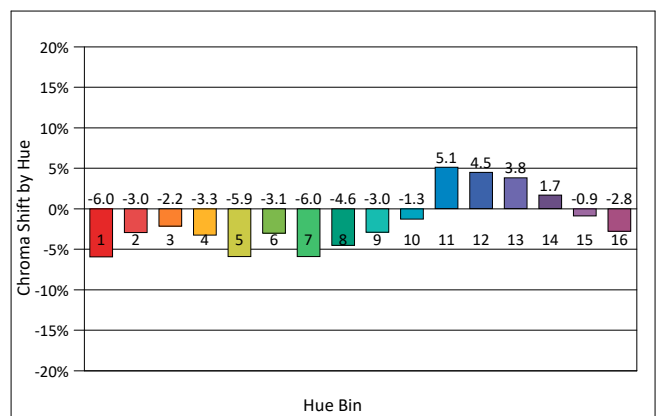
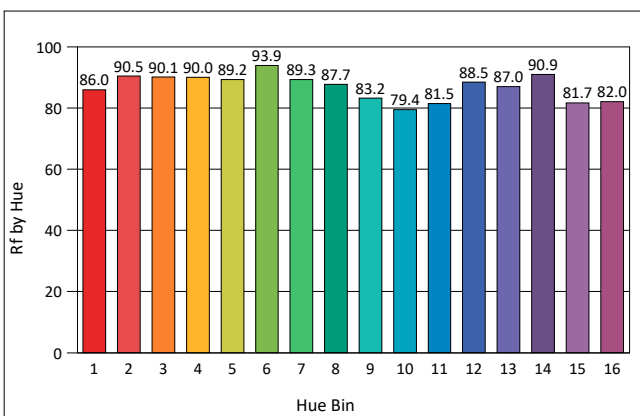
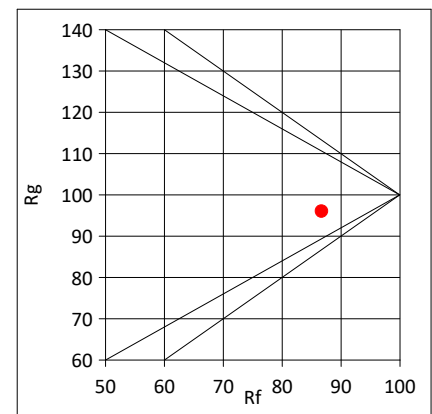
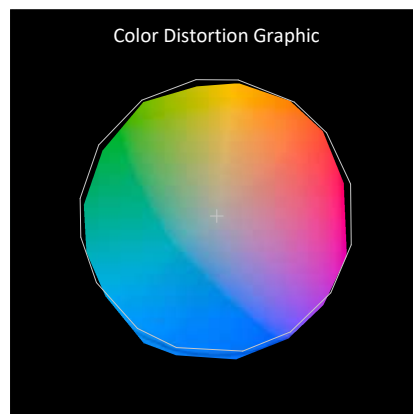
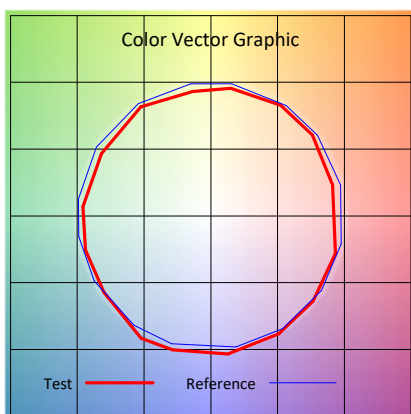
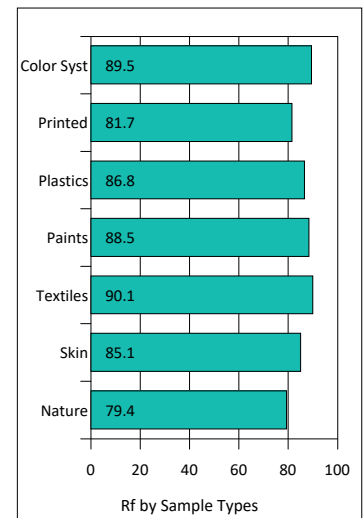
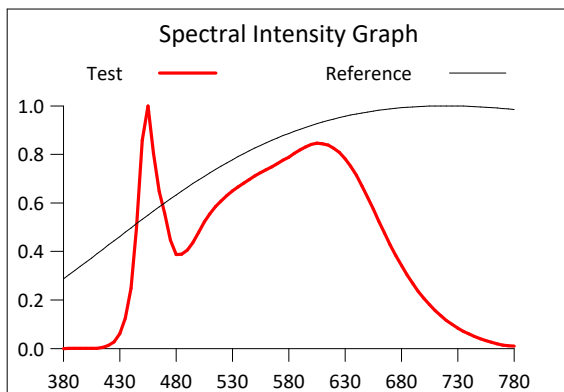
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 86.7 CCT(K): 4031 u': 0.2248
Rg: 96.0 LER: 302.8 Duv: -0.0004 v': 0.3337

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.0	-6.0%	1.2%
2	90.5	-3.0%	2.4%
3	90.1	-2.2%	3.4%
4	90.0	-3.3%	-0.0%
5	89.2	-5.9%	-0.2%
6	93.9	-3.1%	-0.3%
7	89.3	-6.0%	1.9%
8	87.7	-4.6%	5.0%
9	83.2	-3.0%	10.8%
10	79.4	-1.3%	11.6%
11	81.5	5.1%	10.0%
12	88.5	4.5%	1.6%
13	87.0	3.8%	-6.9%
14	90.9	1.7%	-4.4%
15	81.7	-0.9%	-10.1%
16	82.0	-2.8%	-7.9%



IES TM-30-2015 Test Report

Product Mark

Product Type : OR400-F52-240CZ2-W5

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

