

LED Test Report

Product Mark

Product Type : OR400-FA2-528OR2

Manufacturer : -

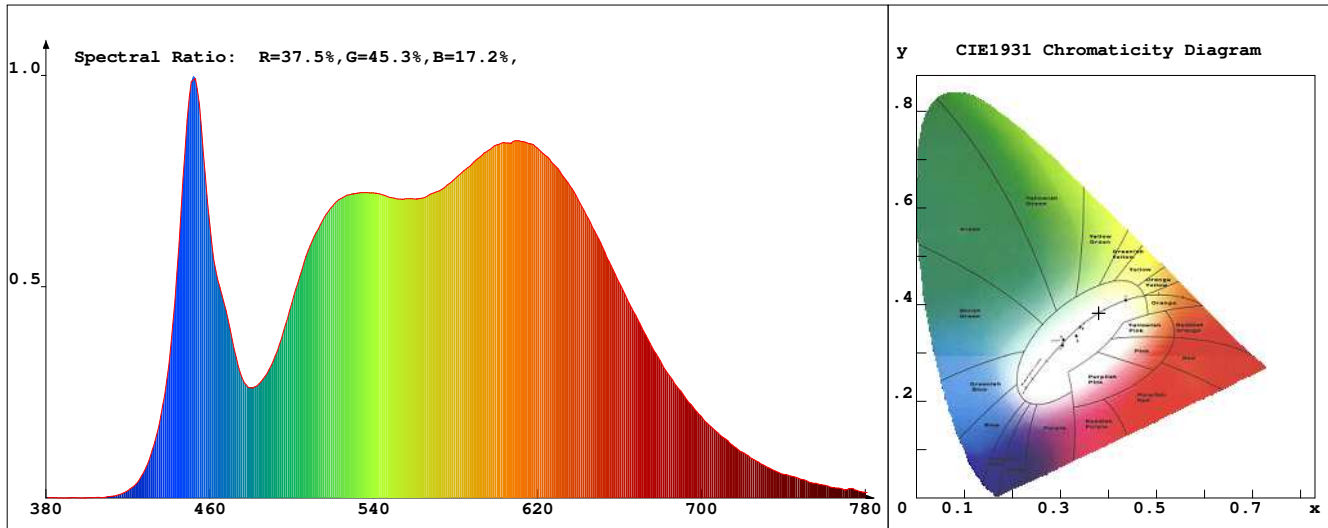
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.3796$ $y=0.3826$ $u=0.2222$ $v=0.3360$ $duv=0.0030$

CCT: 4065K Dominant Wave.: 577.3nm Purity: 28.8% Centre Wave: 453.0nm

Flux RGB Ratio: $R=18.6\%$, $G=78.9\%$, $B=2.5\%$ Peak Wave: 451.4nm Half Width: 21.1nm

Rendering Index: $R_a=91.6$ CRI= 88.0

R1 =92	R2 =94	R3 =94	R4 =93	R5 =91	R6 =91	R7 =94	R8 =83
--------	--------	--------	--------	--------	--------	--------	--------

R9 =54	R10=84	R11=94	R12=67	R13=93	R14=96	R15=88	
--------	--------	--------	--------	--------	--------	--------	--

PPF: 24.999 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.3mW (400-700nm)

PAR: 4.6mW (400-700nm)

Photo Parameters

Flux: 1760.08lm Effi.: 125.6lm/W Radiant: 5478.0mW Iv: 0.0mcd

Scotopic Flux: 3118.3Plm Effi.: 0.0Plm/W S/P: 1.8

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 26115.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=581.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.12\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=14.011\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 103.590ms

VPeak: 15288

VDark: 1383

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

Product Mark

Product Type : OR400-FA2-528OR2

Temperature : 'C

Operator : -

Remark :

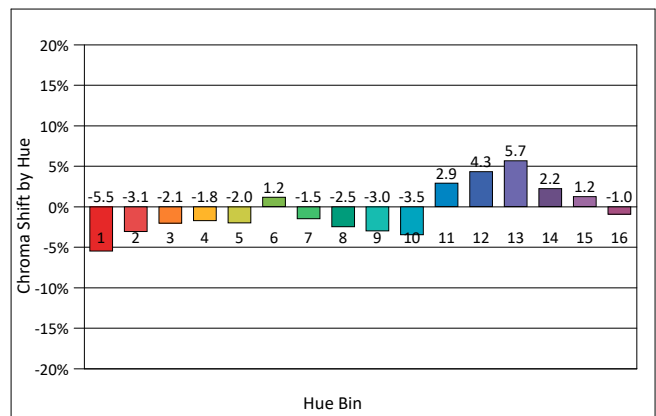
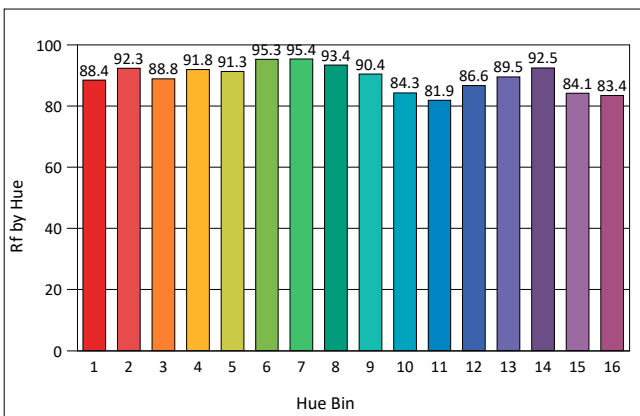
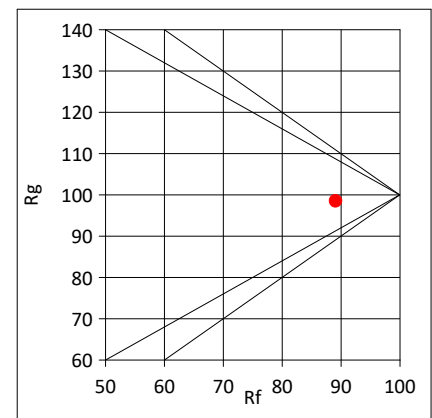
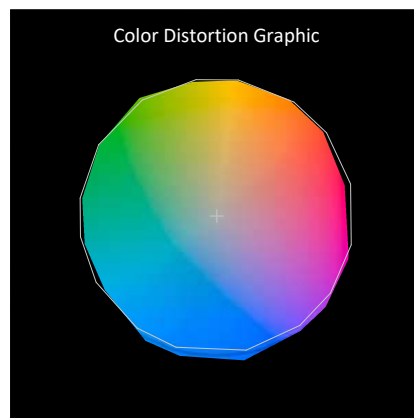
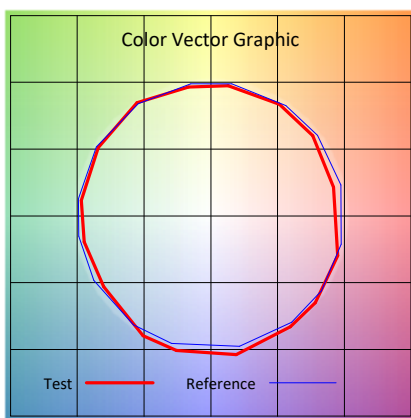
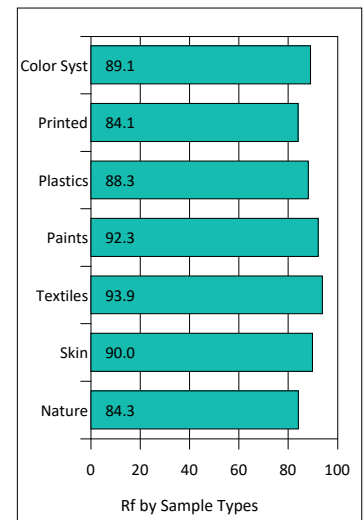
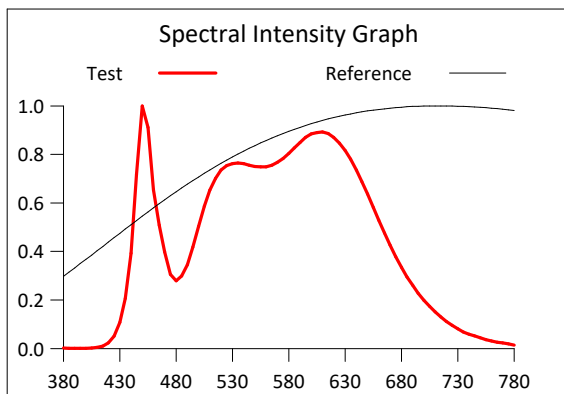
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 89.1 CCT(K): 4065 u': 0.2222
 Rg: 98.5 LER: 310.1 Duv: 0.0030 v': 0.3360

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.4	-5.5%	-0.7%
2	92.3	-3.1%	1.8%
3	88.8	-2.1%	4.5%
4	91.8	-1.8%	2.3%
5	91.3	-2.0%	2.2%
6	95.3	1.2%	0.5%
7	95.4	-1.5%	-0.3%
8	93.4	-2.5%	0.9%
9	90.4	-3.0%	5.1%
10	84.3	-3.5%	8.1%
11	81.9	2.9%	10.6%
12	86.6	4.3%	4.5%
13	89.5	5.7%	-3.7%
14	92.5	2.2%	-2.6%
15	84.1	1.2%	-9.9%
16	83.4	-1.0%	-9.1%



IES TM-30-2015 Test Report

Product Mark

Product Type : OR400-FA2-528OR2

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

