

LED Test Report

Product Mark

Product Type : OR300-F52-384OR2-W3

Manufacturer : -

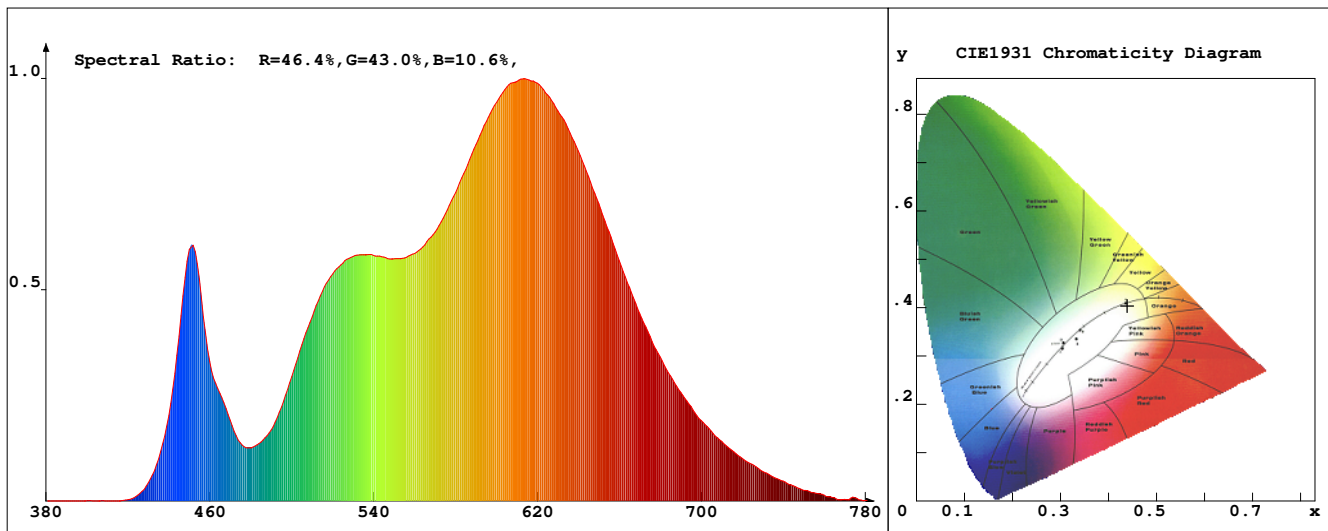
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.4388 y=0.4034 u=0.2521 v=0.3476 duv=-0.0005

CCT: 2963K Dominant Wave.:583.2nm Purity:52.8% Centre Wave:589.2nm

Flux RGB Ratio:R=23.9%,G=74.7%,B=1.4% Peak Wave:612.6nm Half Width:149.9nm

Rendering Index:Ra= 91.3 CRI= 88.3

R1 =92 R2 =95 R3 =96 R4 =94 R5 =93 R6 =95 R7 =89 R8 =75

R9 =43 R10=87 R11=95 R12=79 R13=93 R14=97 R15=85

PPF:8.336umol/s (400-700nm)

PRF:1.7mW (400-700nm)

PAR:1.5mW (400-700nm)

Photo Parameters

Flux:577.57lm Effi.:91.8lm/W Radiant:1771.5mW Iv:0.0mcd

Scotopic Flux:793.9Plm Effi.:0.0Plm/W S/P:1.4

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:8669.440umol/s (380-780nm)

Ele. Parameters

Forward Current:If=266.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.64V

Reverse Current:Ir=0.00uA

Power:P=6.301W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 308.673ms

VPeak: 15144

VDark: 1359

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

Product Mark

Product Type : OR300-F52-384OR2-W3

Temperature : 'C

Operator : -

Remark :

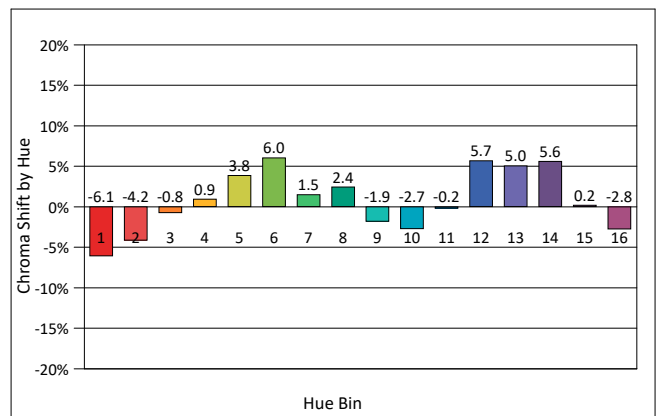
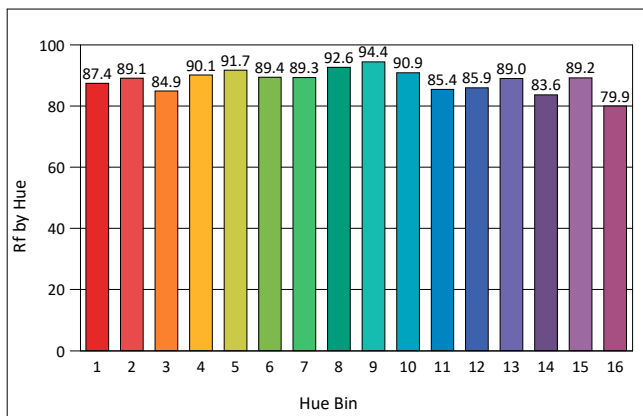
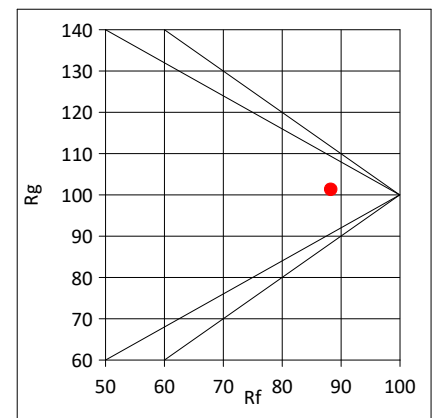
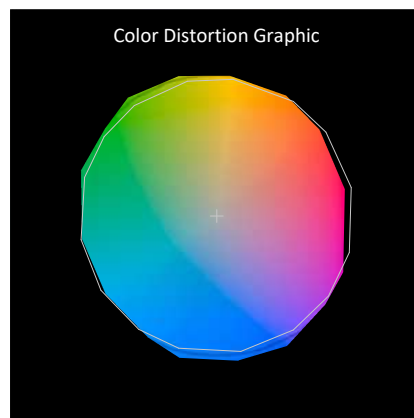
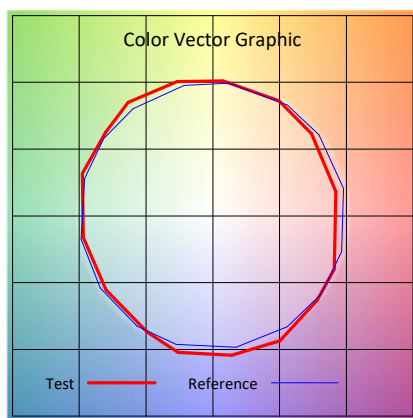
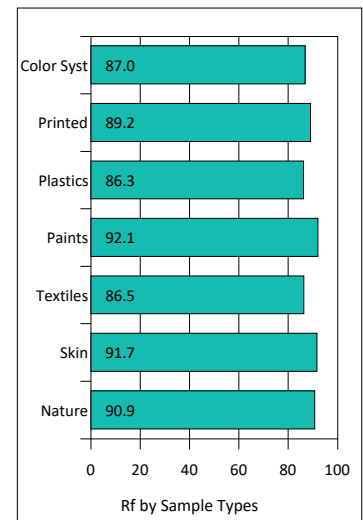
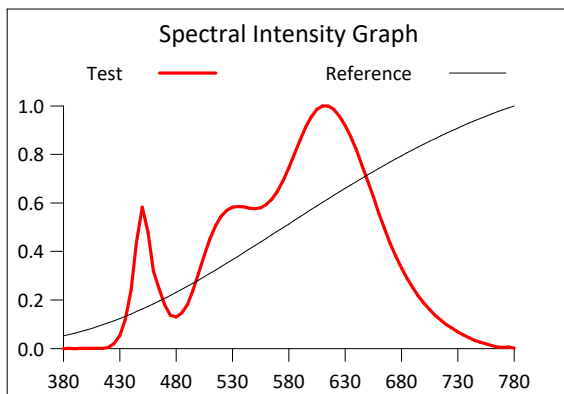
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 88.3 CCT(K): 2963 u': 0.2521
 Rg: 101.3 LER: 315.0 Duv: -0.0005 v': 0.3476

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.4	-6.1%	-1.2%
2	89.1	-4.2%	3.7%
3	84.9	-0.8%	7.0%
4	90.1	0.9%	4.3%
5	91.7	3.8%	4.7%
6	89.4	6.0%	0.3%
7	89.3	1.5%	-5.1%
8	92.6	2.4%	-3.5%
9	94.4	-1.9%	-0.9%
10	90.9	-2.7%	3.7%
11	85.4	-0.2%	8.9%
12	85.9	5.7%	2.6%
13	89.0	5.0%	-4.6%
14	83.6	5.6%	-10.6%
15	89.2	0.2%	-6.0%
16	79.9	-2.8%	-14.0%



IES TM-30-2015 Test Report

Product Mark

Product Type : OR300-F52-384OR2-W3

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

