

LED Test Report

Product Mark

Product Type : OR300-K52-4000R1-W5

Manufacturer : -

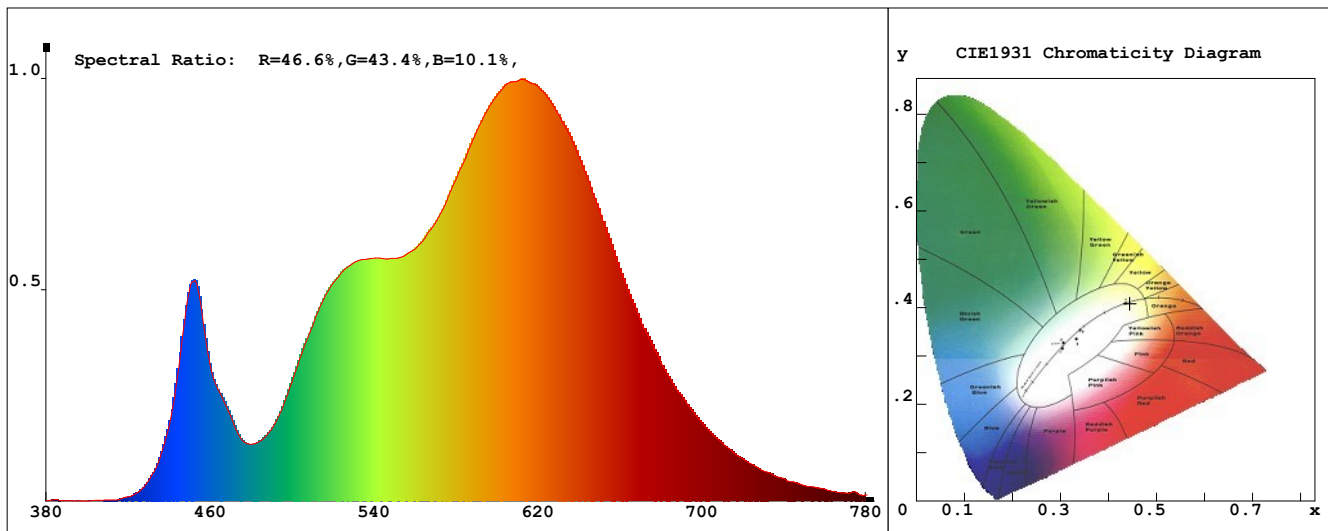
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.4441 y=0.4084 u=0.2533 v=0.3494 duv=0.0008

CCT: 2917K Dominant Wave.:582.9nm Purity:55.9% Centre Wave:590.1nm

Flux RGB Ratio:R=23.7%,G=74.9%,B=1.4% Peak Wave:612.6nm Half Width:146.1nm

Rendering Index:Ra= 89.3 CRI= 86.3

R1 =90 R2 =93 R3 =97 R4 =92 R5 =90 R6 =94 R7 =88 R8 =71

R9 =34 R10=84 R11=94 R12=76 R13=91 R14=97 R15=82

PPF:12.615umol/s (400-700nm)

PRF:2.6mW (400-700nm)

PAR:2.3mW (400-700nm)

Photo Parameters

Flux:880.11lm Effi.:87.3lm/W Radiant:2688.2mW Iv:0.0mcd

Scotopic Flux:1176.1Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:13187.900umol/s (380-780nm)

Ele. Parameters

Forward Current:If=415.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.00V

Reverse Current:Ir=0.00uA

Power:P=10.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 186.902ms

VPeak: 13816

VDark: 1369

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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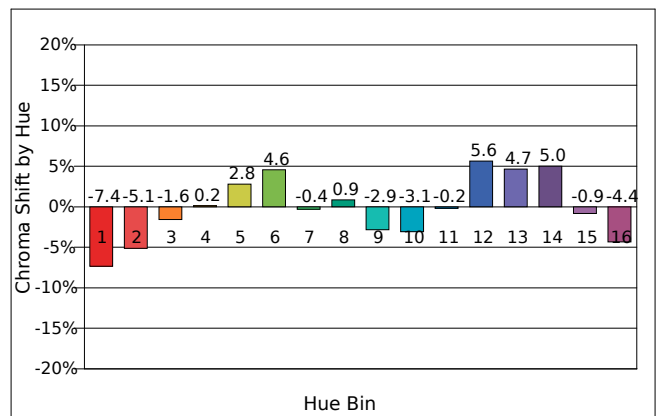
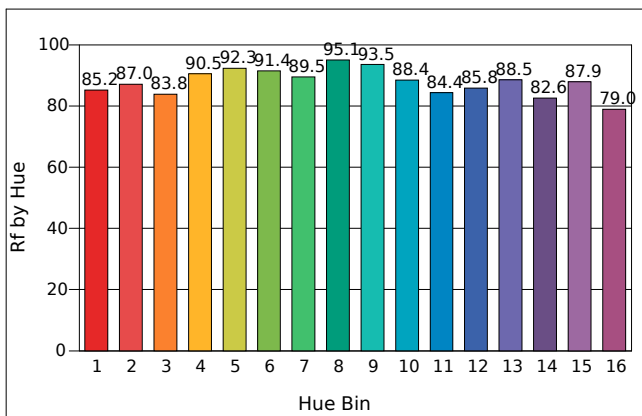
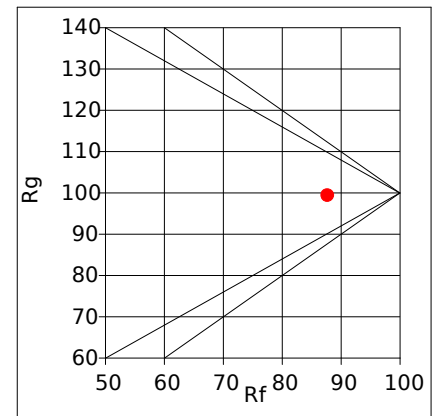
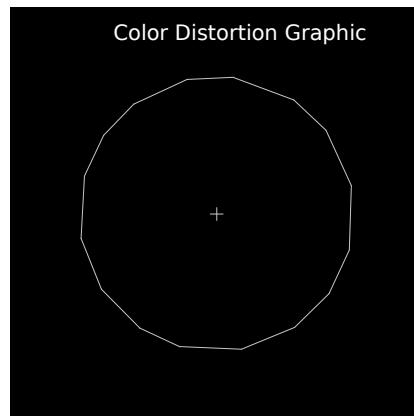
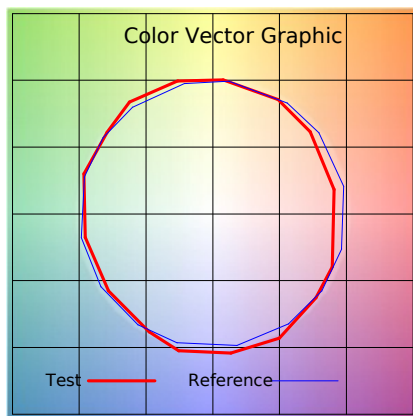
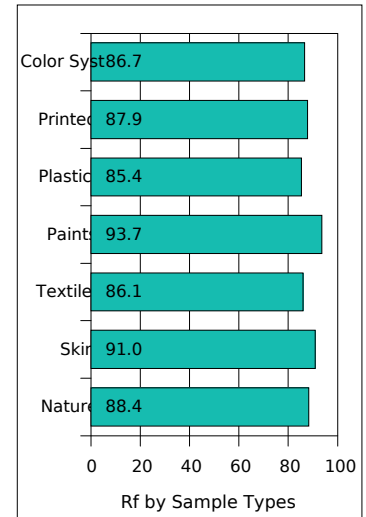
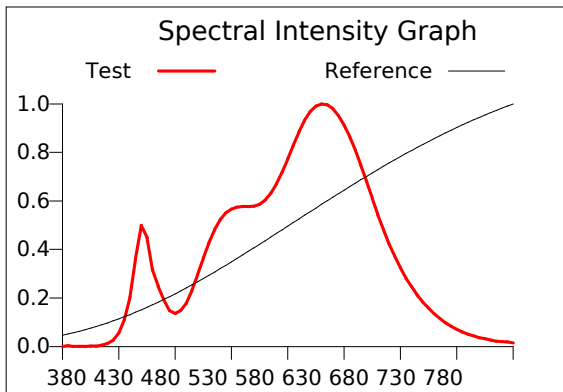
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Rf: 87.7 CCT(K): 2917 u': 0.2533
 Rg: 99.4 LER: 318. Duv: 0.0008 v': 0.3494

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	85.2	-7.4%	-0.9%
2	87.0	-5.1%	4.1%
3	83.8	-1.6%	7.4%
4	90.5	0.2%	4.3%
5	92.3	2.8%	4.4%
6	91.4	4.6%	-0.1%
7	89.5	-0.4%	-5.0%
8	95.1	0.9%	-2.6%
9	93.5	-2.9%	0.4%
10	88.4	-3.1%	5.4%
11	84.4	-0.2%	9.8%
12	85.8	5.6%	2.3%
13	88.5	4.7%	-5.4%
14	82.6	5.0%	-11.7%
15	87.9	-0.9%	-6.6%
16	79.0	-4.4%	-14.3%



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