

LED Test Report

Product Mark

Product Type : OR400-F52-320OR0

Manufacturer : -

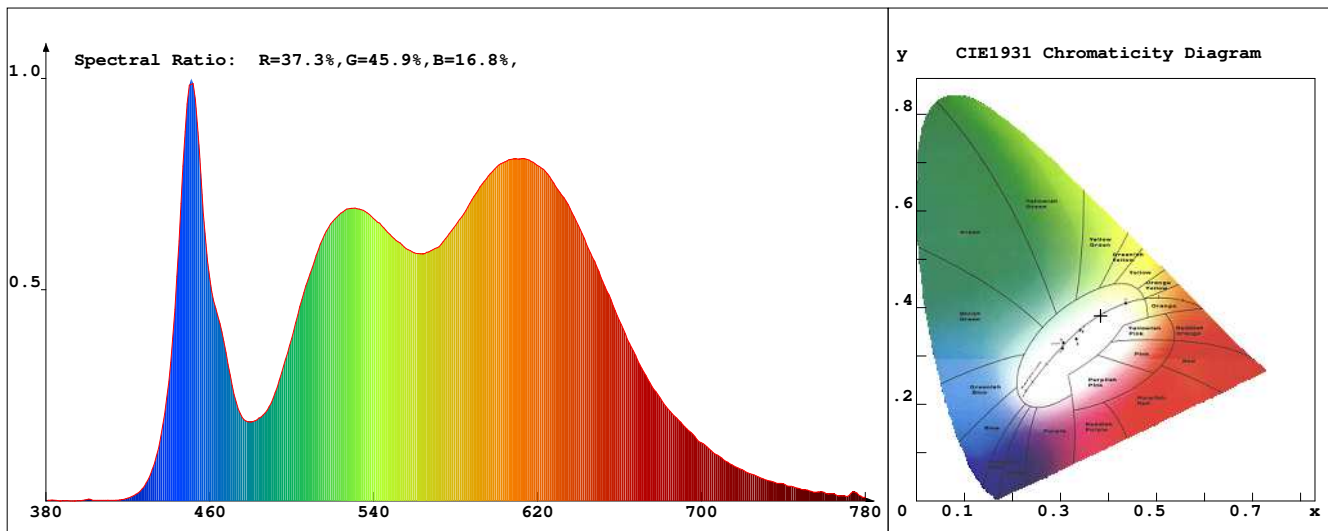
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3837 y=0.3828 u=0.2248 v=0.3365 duv=0.0019

CCT: 3957K Dominant Wave.:578.3nm Purity:30.0% Centre Wave:451.0nm

Flux RGB Ratio:R=19.6%,G=78.2%,B=2.2% Peak Wave:449.6nm Half Width:17.1nm

Rendering Index:Ra= 93.0 CRI= 89.2

R1 =96 R2 =94 R3 =92 R4 =95 R5 =94 R6 =93 R7 =94 R8 =85

R9 =57 R10=86 R11=92 R12=69 R13=96 R14=95 R15=90

PPF:5.698umol/s (400-700nm)

PRF:1.2mW (400-700nm)

PAR:1.0mW (400-700nm)

Photo Parameters

Flux:405.42lm Effi.:61.2lm/W Radiant:1239.8mW Iv:0.0mcd

Scotopic Flux:707.2Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:5895.090umol/s (380-780nm)

Ele. Parameters

Forward Current:If=1325.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=5.00V

Reverse Current:Ir=0.00uA

Power:P=6.620W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 325.075ms

VPeak: 13320

VDark: 1331

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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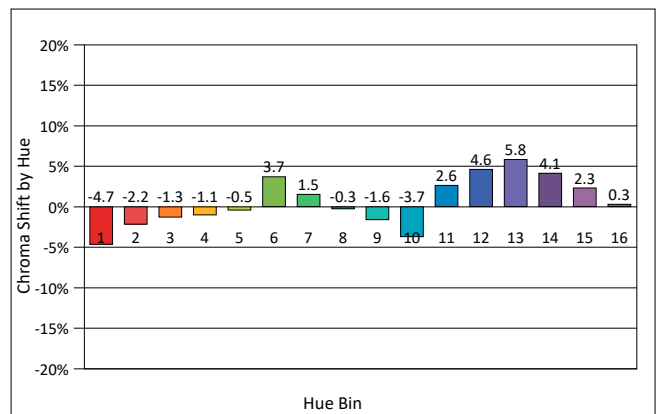
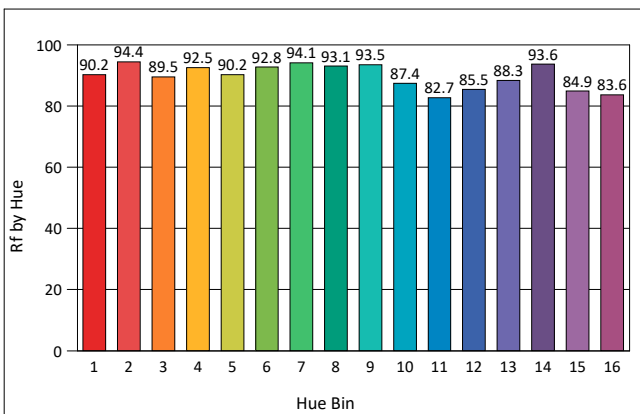
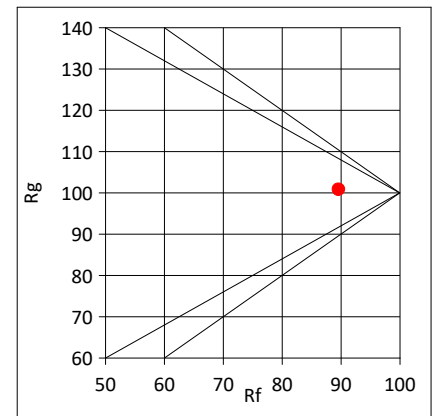
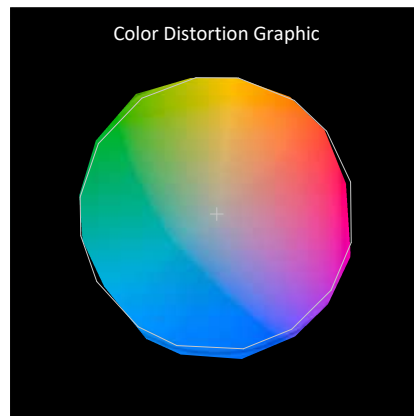
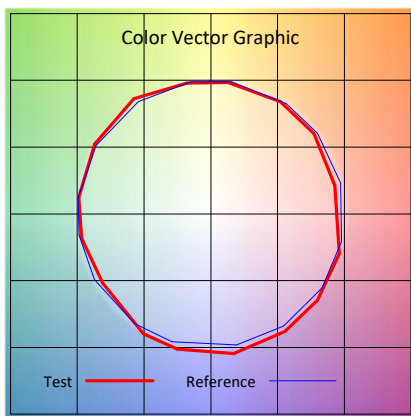
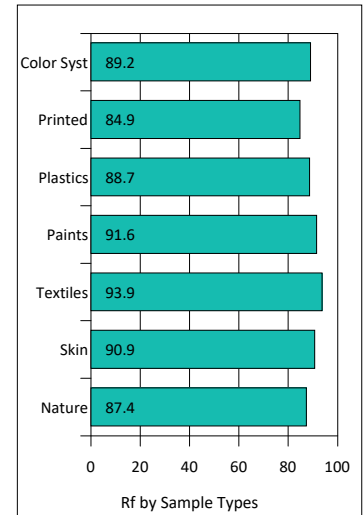
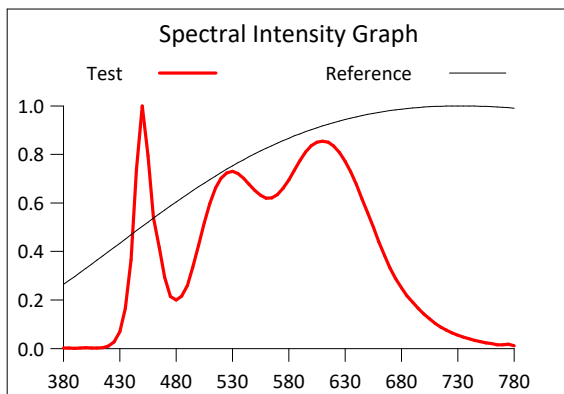
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Rf: 89.6 CCT(K): 3957 u': 0.2248
 Rg: 100.8 LER: 316.6 Duv: 0.0019 v': 0.3365

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	90.2	-4.7%	-1.2%
2	94.4	-2.2%	1.3%
3	89.5	-1.3%	4.4%
4	92.5	-1.1%	2.6%
5	90.2	-0.5%	3.1%
6	92.8	3.7%	1.6%
7	94.1	1.5%	-0.6%
8	93.1	-0.3%	-0.3%
9	93.5	-1.6%	2.7%
10	87.4	-3.7%	5.7%
11	82.7	2.6%	10.0%
12	85.5	4.6%	4.9%
13	88.3	5.8%	-3.6%
14	93.6	4.1%	-1.4%
15	84.9	2.3%	-9.5%
16	83.6	0.3%	-9.2%



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