

LED Test Report

Product Mark

Product Type : FA2-600-400OR2-W5-S1

Manufacturer : -

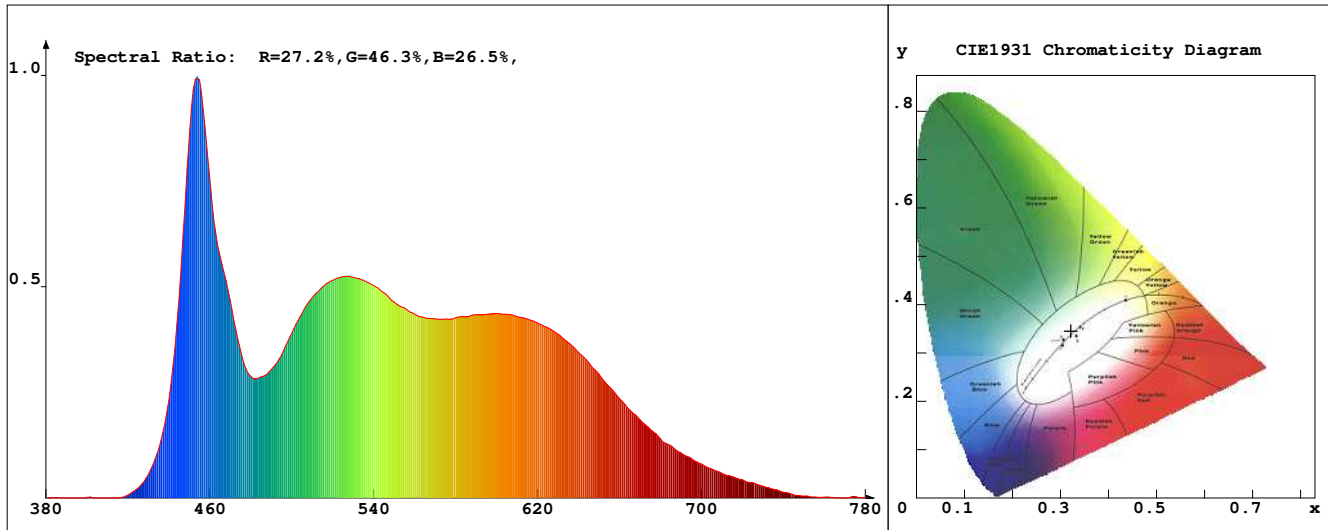
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2026-09-01

Remark:



Chroma Parameters

Chro.Coord.:x=0.3219 y=0.3454 u=0.1980 v=0.3188 duv=0.0070

CCT: 5969K Dominant Wave.:506.3nm Purity:3.5% Centre Wave:456.0nm

Flux RGB Ratio:R=14.9%,G=81.0%,B=4.1% Peak Wave:452.8nm Half Width:23.5nm

Rendering Index:Ra= 93.3 CRI= 89.9

R1 =94 R2 =96 R3 =97 R4 =93 R5 =92 R6 =93 R7 =95 R8 =87

R9 =61 R10=89 R11=94 R12=66 R13=95 R14=98 R15=90

PPF:16.381umol/s (400-700nm)

PRF:3.6mW (400-700nm)

PAR:3.0mW (400-700nm)

Photo Parameters

Flux:1166.75lm Effi.:116.4lm/W Radiant:3650.4mW Iv:0.0mcd

Scotopic Flux:2680.1Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:16750.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=417.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.03V

Reverse Current:Ir=0.00uA

Power:P=10.020W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 88.401ms

VPeak: 13528

VDark: 1186

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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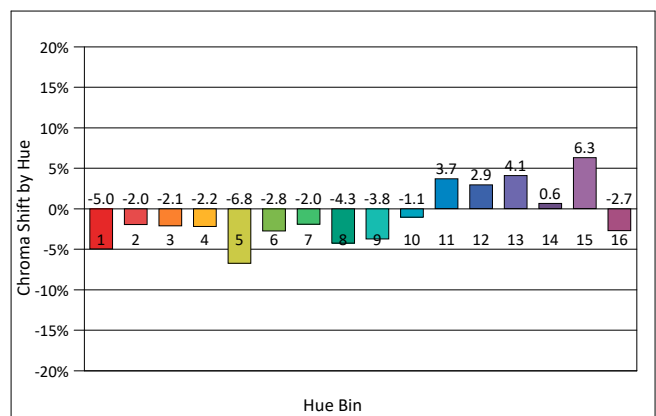
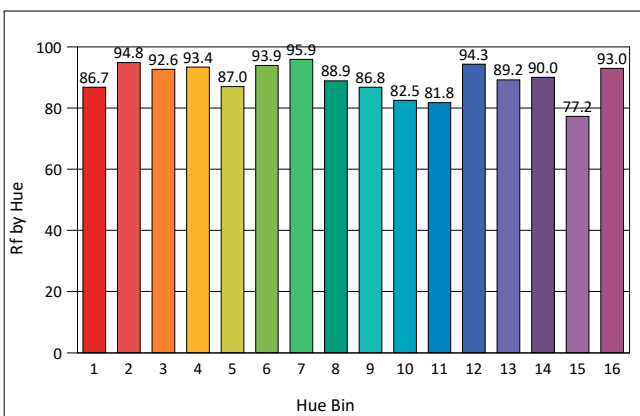
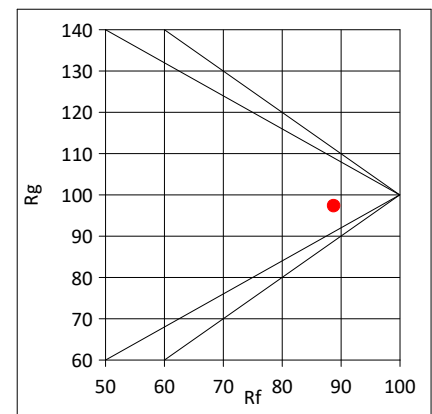
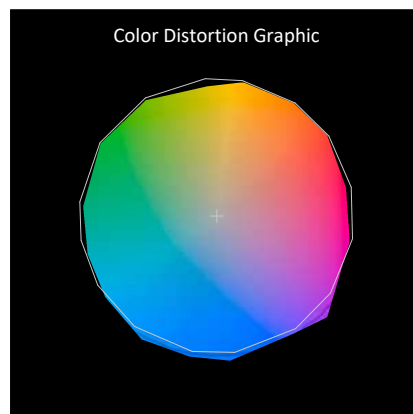
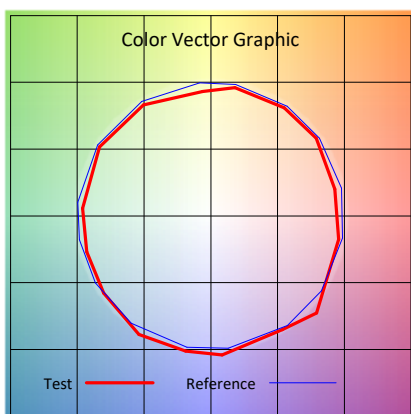
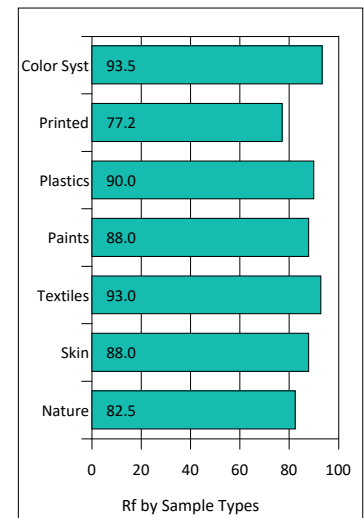
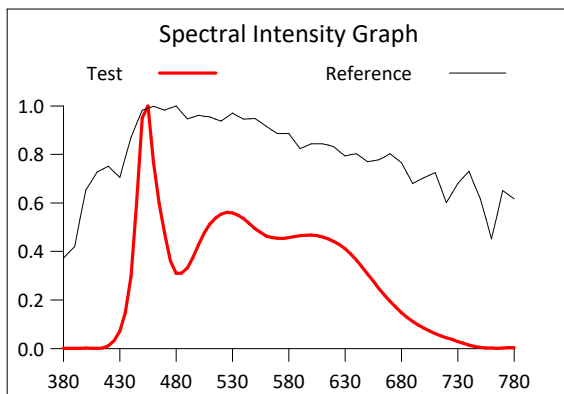
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Rf: 88.8 CCT(K): 5969 u': 0.1980
Rg: 97.3 LER: 301.3 Duv: 0.0070 v': 0.3188

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.7	-5.0%	0.1%
2	94.8	-2.0%	1.3%
3	92.6	-2.1%	1.1%
4	93.4	-2.2%	0.0%
5	87.0	-6.8%	-0.9%
6	93.9	-2.8%	0.4%
7	95.9	-2.0%	0.4%
8	88.9	-4.3%	3.9%
9	86.8	-3.8%	10.0%
10	82.5	-1.1%	9.9%
11	81.8	3.7%	9.6%
12	94.3	2.9%	-0.4%
13	89.2	4.1%	-5.3%
14	90.0	0.6%	-4.9%
15	77.2	6.3%	-15.7%
16	93.0	-2.7%	-1.6%



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