

LED Test Report

Product Mark

Product Type : ORNS04-270-1408Z2 24v

Manufacturer : -

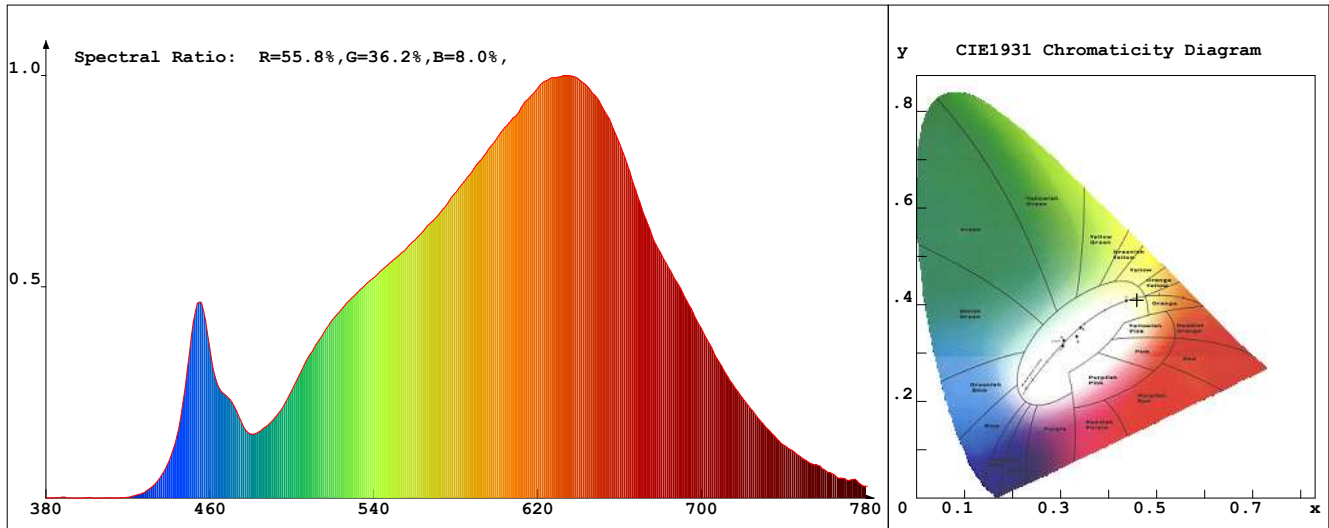
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2024-12-09

Remark:



Chroma Parameters

Chro.Coord.:x=0.4587 y=0.4094 u=0.2623 v=0.3511 duv=-0.0004

CCT: 2707K Dominant Wave.:584.3nm Purity:60.6% Centre Wave:611.9nm

Flux RGB Ratio:R=25.5%,G=73.0%,B=1.5% Peak Wave:631.6nm Half Width:152.7nm

Rendering Index:Ra= 93.3 CRI= 90.8

R1 =94 R2 =96 R3 =96 R4 =94 R5 =93 R6 =95 R7 =94 R8 =86

R9 =68 R10=89 R11=94 R12=78 R13=94 R14=97 R15=91

PPF:3.494umol/s (400-700nm)

PRF:0.7mW (400-700nm)

PAR:0.6mW (400-700nm)

Photo Parameters

Flux:215.74lm Effi.:23.3lm/W Radiant:759.8mW Iv:0.0mcd

Scotopic Flux:274.2Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:3834.030umol/s (380-780nm)

Ele. Parameters

Forward Current:If=385.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.04V

Reverse Current:Ir=0.00uA

Power:P=9.251W

Instrument state

Instrument:Lisun

Integral Time: 744.331ms

VPeak: 16024

VDark: 1352

Scan Range: 380-780nm

Product ID: 201508924

<http://www.orizzonteled.com/>

IES TM-30-2015 Test Report

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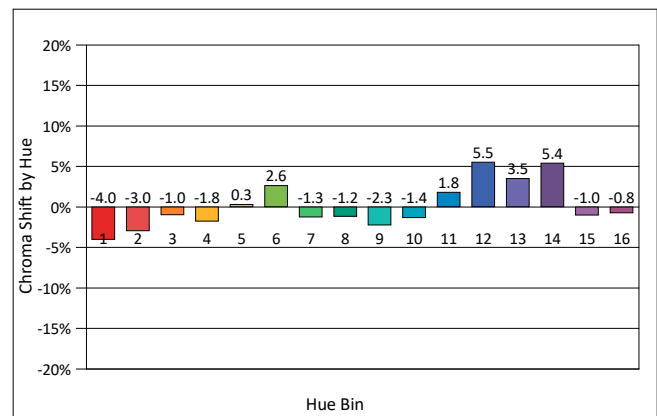
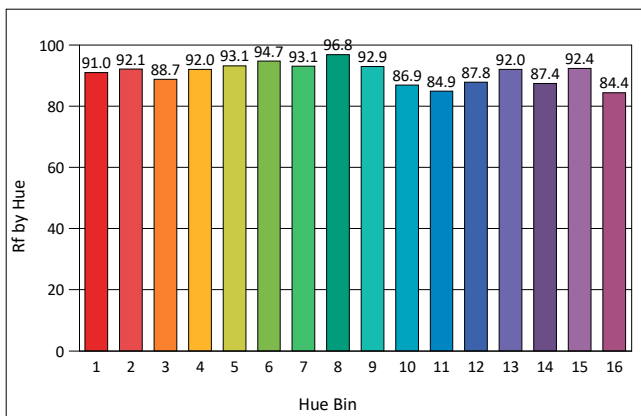
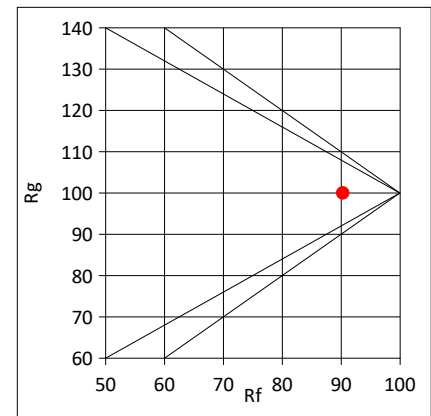
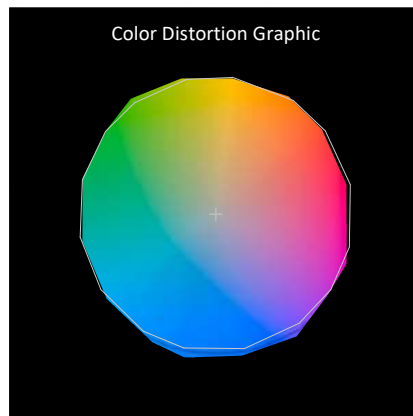
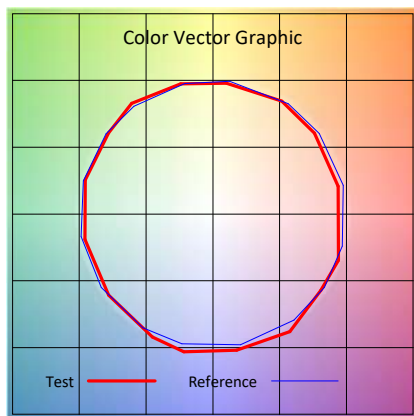
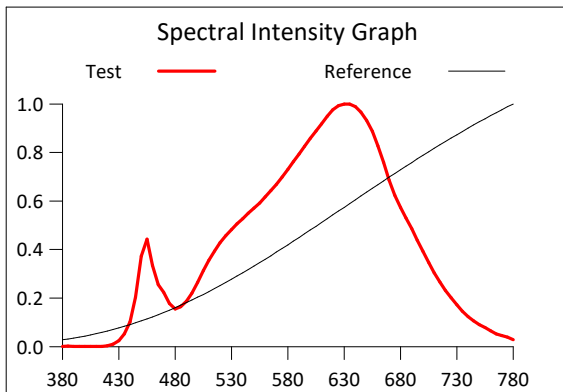
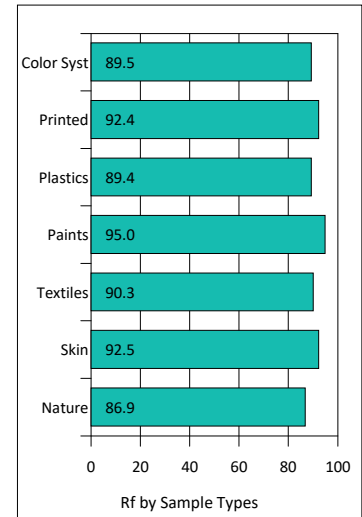
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Rf: 90.3 CCT(K): 2707 u': 0.2623
Rg: 100.0 LER: 275.1 Duv: -0.0004 v': 0.3511

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	91.0	-4.0%	0.2%
2	92.1	-3.0%	2.3%
3	88.7	-1.0%	4.9%
4	92.0	-1.8%	2.0%
5	93.1	0.3%	3.0%
6	94.7	2.6%	0.3%
7	93.1	-1.3%	-1.8%
8	96.8	-1.2%	-0.9%
9	92.9	-2.3%	2.7%
10	86.9	-1.4%	7.7%
11	84.9	1.8%	10.0%
12	87.8	5.5%	2.6%
13	92.0	3.5%	-3.6%
14	87.4	5.4%	-7.1%
15	92.4	-1.0%	-3.4%
16	84.4	-0.8%	-10.9%



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