

LED Test Report

Product Mark

Product Type : OR40s-F52-120DZ2-S1

Manufacturer : -

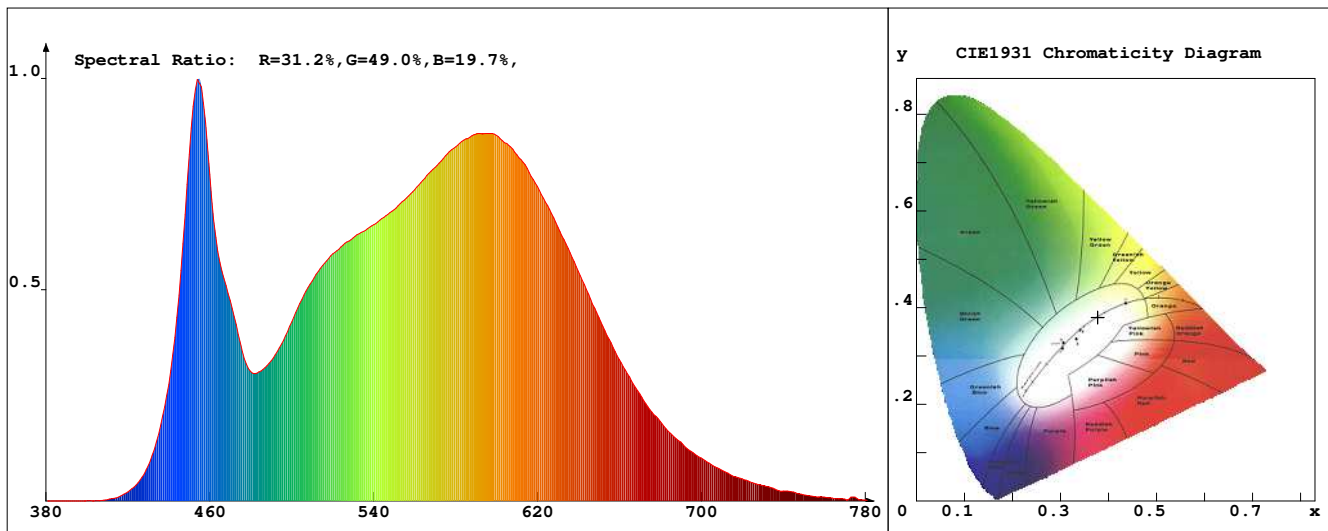
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3775 y=0.3798 u=0.2220 v=0.3350 duv=0.0023

CCT: 4102K Dominant Wave.:577.4nm Purity:27.3% Centre Wave:455.8nm

Flux RGB Ratio:R=17.1%,G=80.1%,B=2.8% Peak Wave:453.8nm Half Width:23.5nm

Rendering Index:Ra= 82.8 CRI= 79.0

R1 =81 R2 =91 R3 =97 R4 =81 R5 =81 R6 =85 R7 =85 R8 =63

R9 =6 R10=77 R11=80 R12=60 R13=84 R14=99 R15=74

PPF:13.896umol/s (400-700nm)

PRF:3.0mW (400-700nm)

PAR:2.6mW (400-700nm)

Photo Parameters

Flux:1092.97lm Effi.:109.3lm/W Radiant:3028.2mW Iv:0.0mcd

Scotopic Flux:1909.4Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:14202.000umol/s (380-780nm)

Ele. Parameters

Forward Current:If=413.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.21V

Reverse Current:Ir=0.00uA

Power:P=10.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 137.011ms

VPeak: 13416

VDark: 1326

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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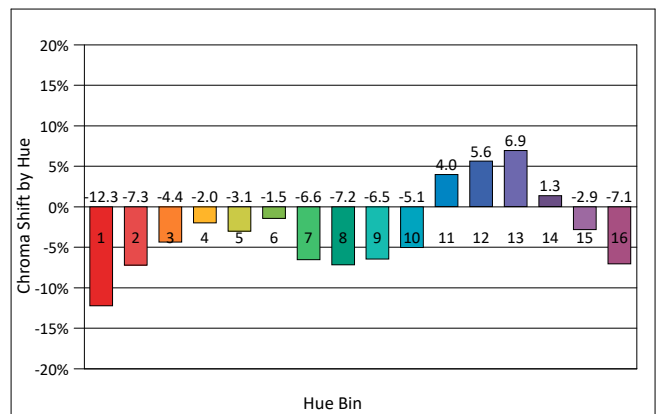
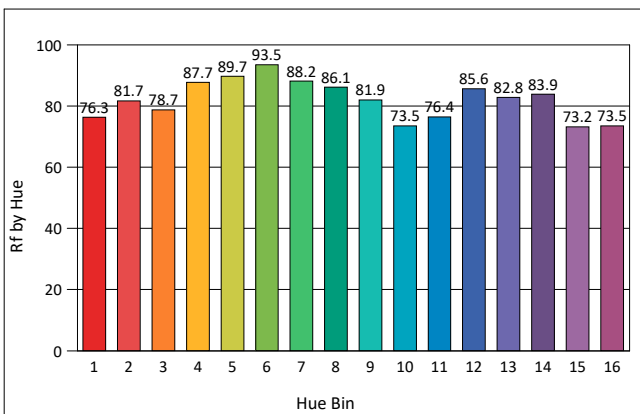
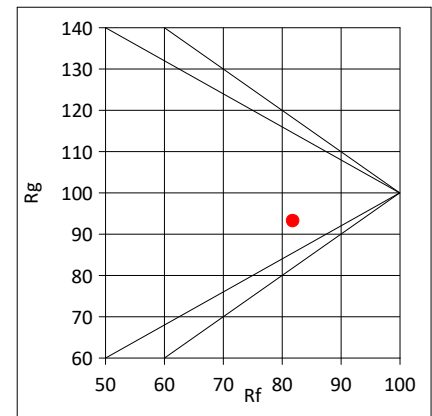
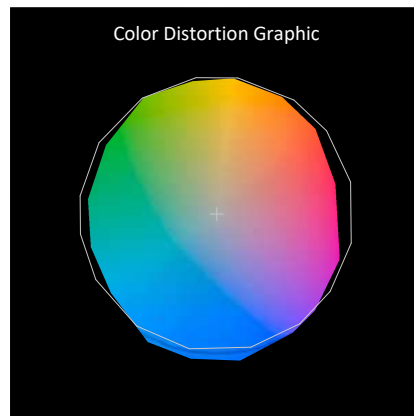
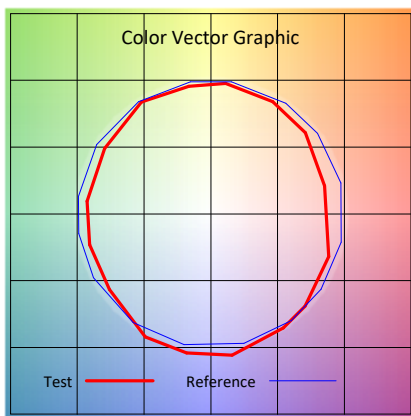
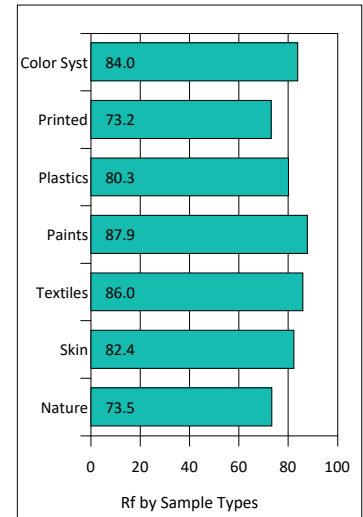
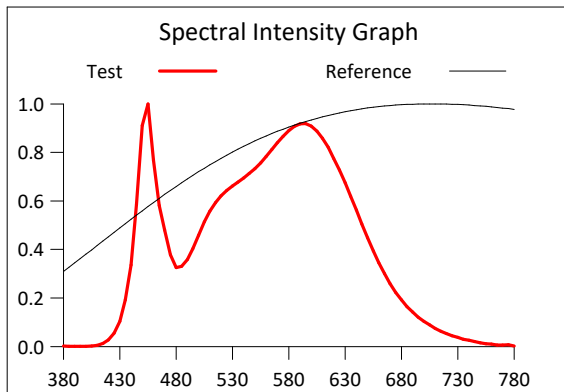
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Rf: 81.8 CCT(K): 4102 u': 0.2220
 Rg: 93.2 LER: 333.3 Duv: 0.0023 v': 0.3350

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.3	-12.3%	0.3%
2	81.7	-7.3%	5.5%
3	78.7	-4.4%	9.0%
4	87.7	-2.0%	4.2%
5	89.7	-3.1%	2.0%
6	93.5	-1.5%	-1.6%
7	88.2	-6.6%	-1.1%
8	86.1	-7.2%	2.3%
9	81.9	-6.5%	9.7%
10	73.5	-5.1%	13.9%
11	76.4	4.0%	13.5%
12	85.6	5.6%	3.1%
13	82.8	6.9%	-10.3%
14	83.9	1.3%	-8.1%
15	73.2	-2.9%	-17.2%
16	73.5	-7.1%	-12.3%



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