

LED Test Report

Product Mark

Product Type : OR30s-F52-2248N2-F

Manufacturer : -

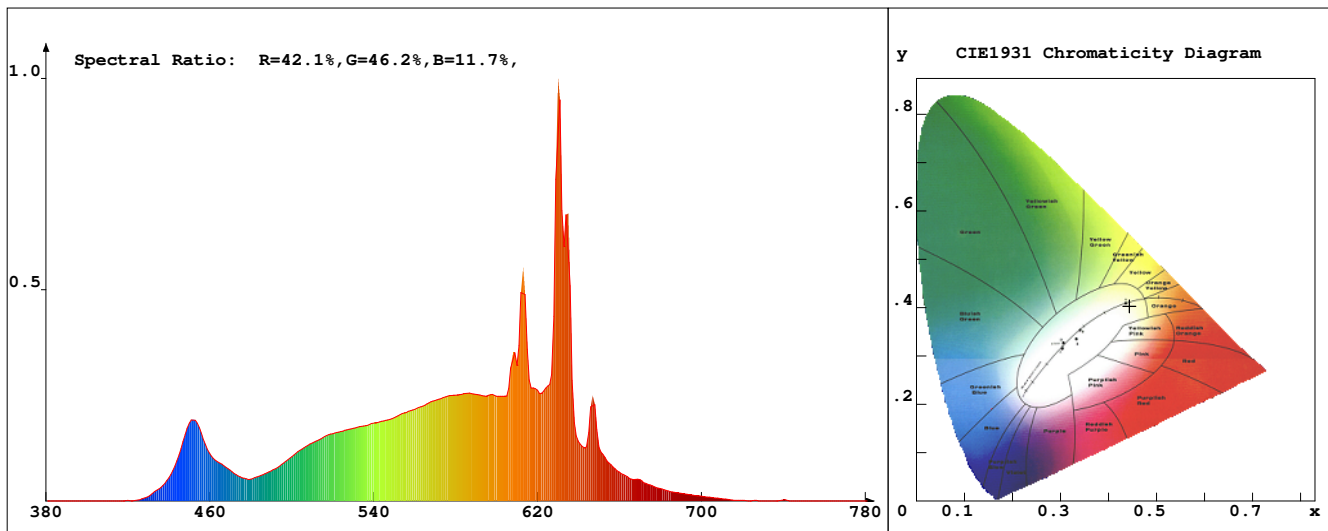
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4437$ $y=0.4027$ $u=0.2555$ $v=0.3479$ $duv=-0.0014$

CCT: 2878K Dominant Wave.: 583.8nm Purity: 54.1% Centre Wave: 631.0nm

Flux RGB Ratio: $R=25.3\%$, $G=73.1\%$, $B=1.6\%$ Peak Wave: 629.4nm Half Width: 7.7nm

Rendering Index: $R_a=93.1$ CRI= 90.5

R1 =95	R2 =96	R3 =96	R4 =94	R5 =94	R6 =96	R7 =91	R8 =82
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R9 =57	R10=89	R11=95	R12=81	R13=95	R14=96	R15=90	
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PPF: 35.111 $\mu\text{mol/s}$ (400-700nm)

PRF: 7.3mW (400-700nm)

PAR: 6.6mW (400-700nm)

Photo Parameters

Flux: 2759.98lm Effi.: 152.5lm/W Radiant: 7335.4mW Iv: 0.0mcd

Scotopic Flux: 3744.5Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 35231.500 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=754.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.00\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=18.120\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 15.234ms

VPeak: 15112

VDark: 1312

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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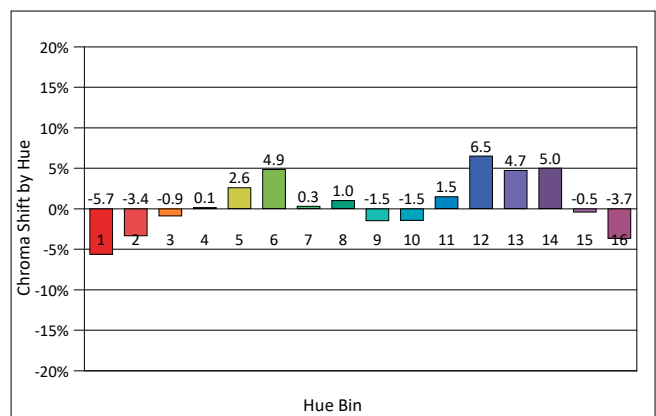
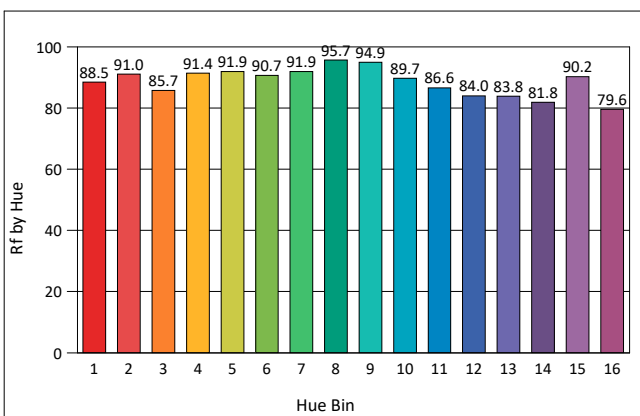
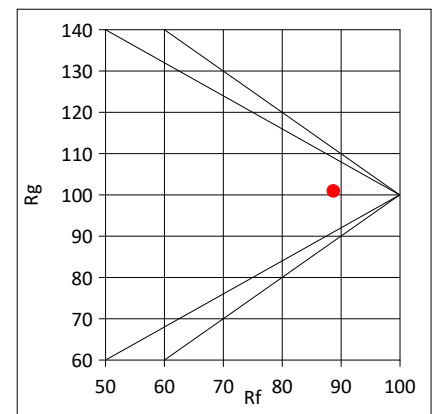
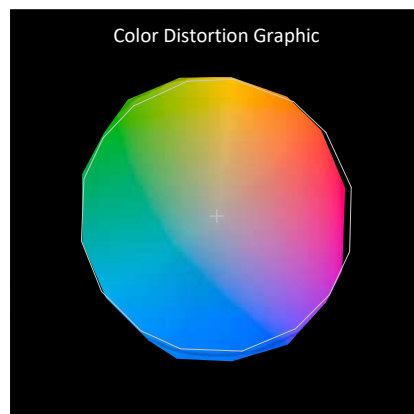
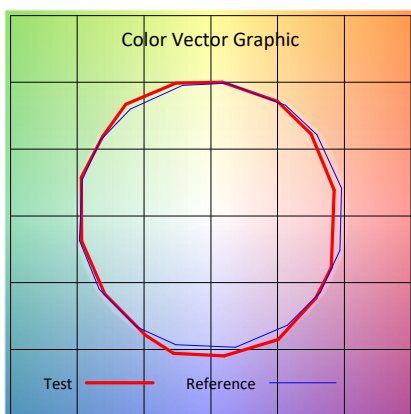
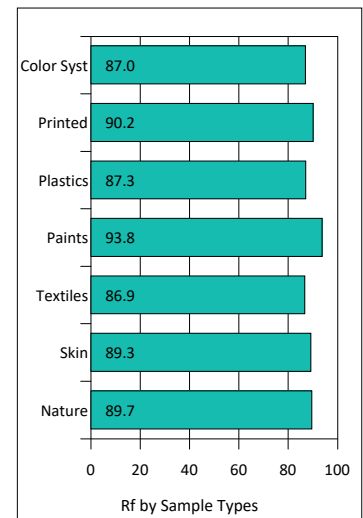
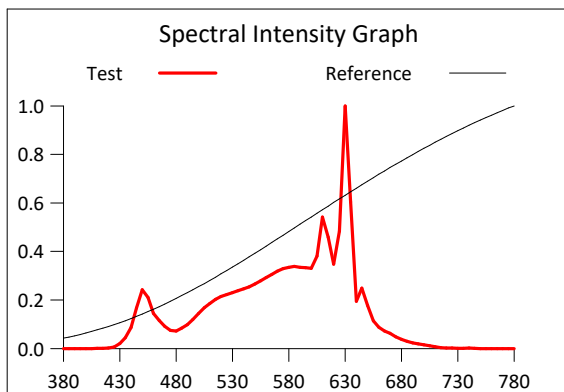
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Rf: 88.7 CCT(K): 2878 u': 0.2555
Rg: 100.9 LER: 348.3 Duv: -0.0014 v': 0.3479

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.5	-5.7%	-0.4%
2	91.0	-3.4%	3.0%
3	85.7	-0.9%	6.4%
4	91.4	0.1%	3.4%
5	91.9	2.6%	4.5%
6	90.7	4.9%	0.8%
7	91.9	0.3%	-3.3%
8	95.7	1.0%	-1.9%
9	94.9	-1.5%	0.9%
10	89.7	-1.5%	5.1%
11	86.6	1.5%	8.5%
12	84.0	6.5%	-0.5%
13	83.8	4.7%	-9.7%
14	81.8	5.0%	-11.7%
15	90.2	-0.5%	-5.4%
16	79.6	-3.7%	-13.9%



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