

LED Test Report

Product Mark

Product Type : OR400-FA2-4800R2

Manufacturer : -

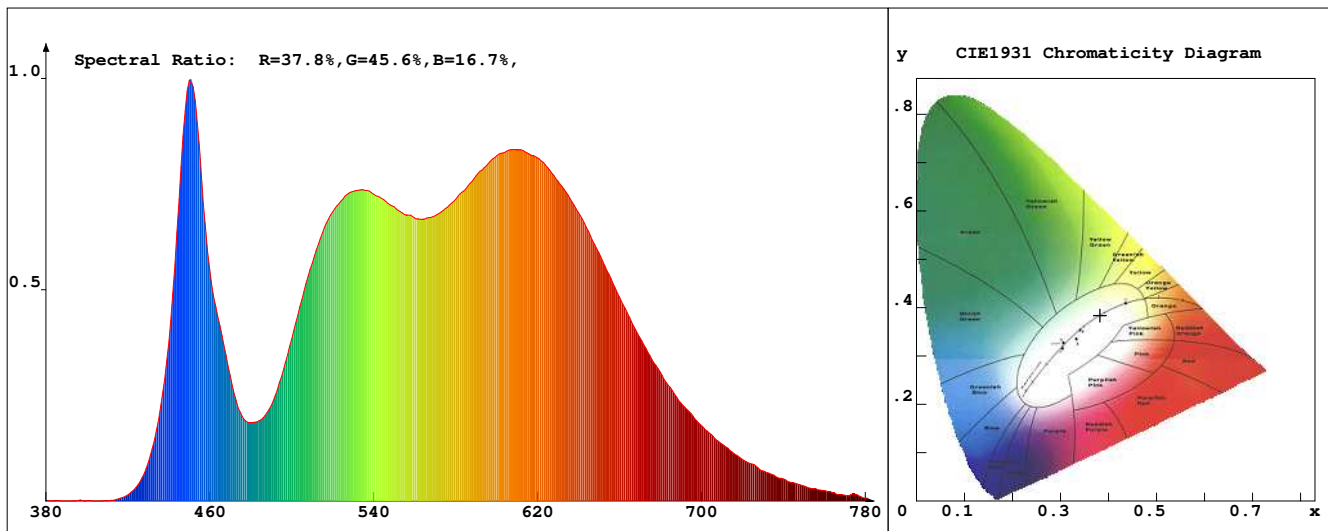
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coor.: $x=0.3821$ $y=0.3836$ $u=0.2235$ $v=0.3365$ $duv=0.0027$

CCT: 4005K Dominant Wave.: 577.7nm Purity: 29.8% Centre Wave: 450.7nm

Flux RGB Ratio: $R=18.9\%$, $G=79.0\%$, $B=2.1\%$ Peak Wave: 449.6nm Half Width: 18.9nm

Rendering Index: $R_a=90.2$ CRI= 86.2

$R_1=92$	$R_2=91$	$R_3=90$	$R_4=92$	$R_5=90$	$R_6=88$	$R_7=94$	$R_8=84$
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$R_9=52$	$R_{10}=78$	$R_{11}=92$	$R_{12}=65$	$R_{13}=92$	$R_{14}=94$	$R_{15}=88$	
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PPF: 16.386 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.5mW (400-700nm)

PAR: 3.0mW (400-700nm)

Photo Parameters

Flux: 1192.79lm Effi.: 119.4lm/W Radiant: 3580.0mW Iv: 0.0mcd

Scotopic Flux: 2041.4Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 17072.400 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=414.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.12\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=10.001\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 141.053ms

VPeak: 15000

VDark: 1214

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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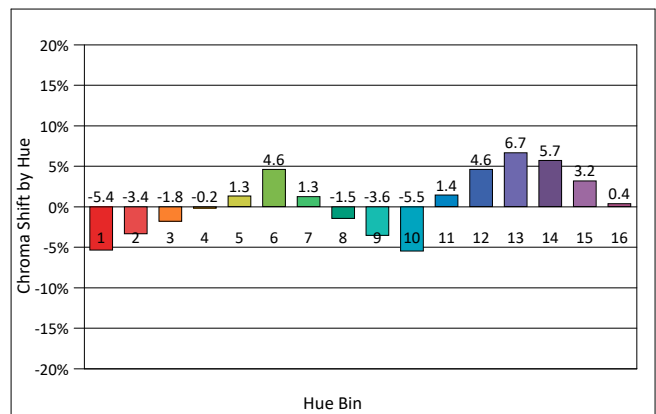
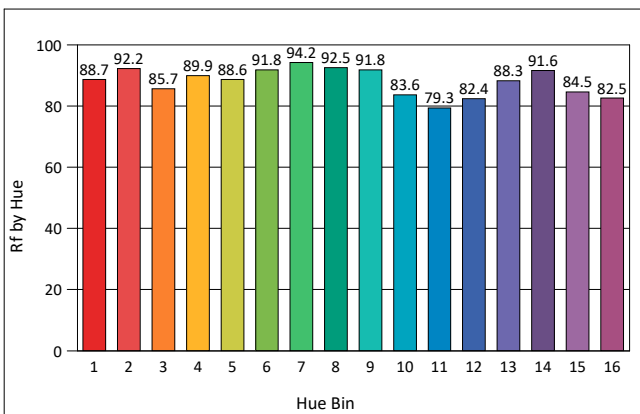
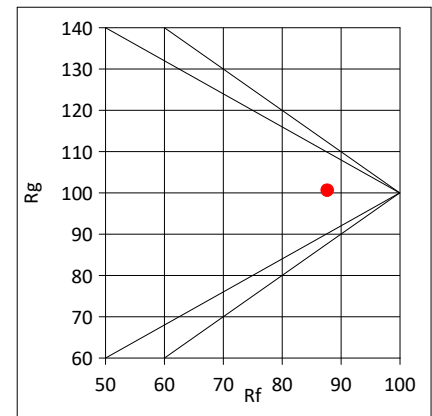
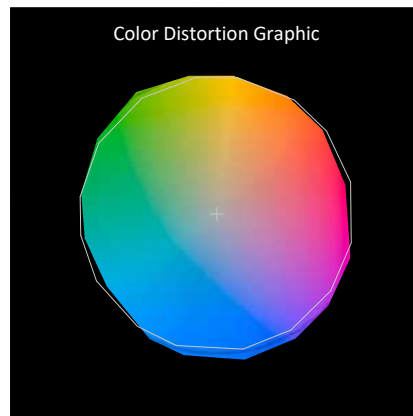
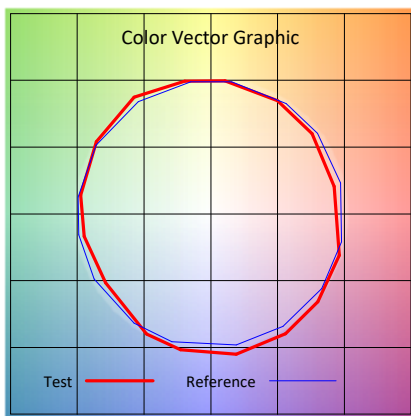
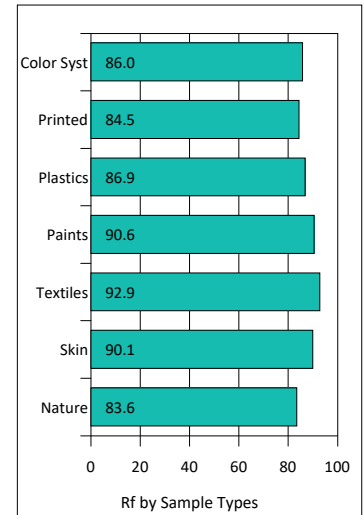
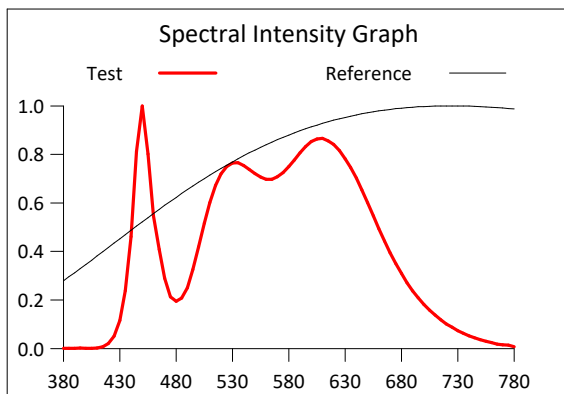
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Rf: 87.7 CCT(K): 4005 u': 0.2235
 Rg: 100.6 LER: 314.2 Duv: 0.0027 v': 0.3365

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.7	-5.4%	-1.7%
2	92.2	-3.4%	1.9%
3	85.7	-1.8%	6.4%
4	89.9	-0.2%	5.1%
5	88.6	1.3%	4.3%
6	91.8	4.6%	0.8%
7	94.2	1.3%	-2.3%
8	92.5	-1.5%	-1.9%
9	91.8	-3.6%	1.9%
10	83.6	-5.5%	7.1%
11	79.3	1.4%	12.4%
12	82.4	4.6%	7.5%
13	88.3	6.7%	-1.3%
14	91.6	5.7%	-1.4%
15	84.5	3.2%	-9.9%
16	82.5	0.4%	-10.1%



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