

LED Test Report

Product Mark

Product Type : OR600-F52-160822A

Manufacturer : -

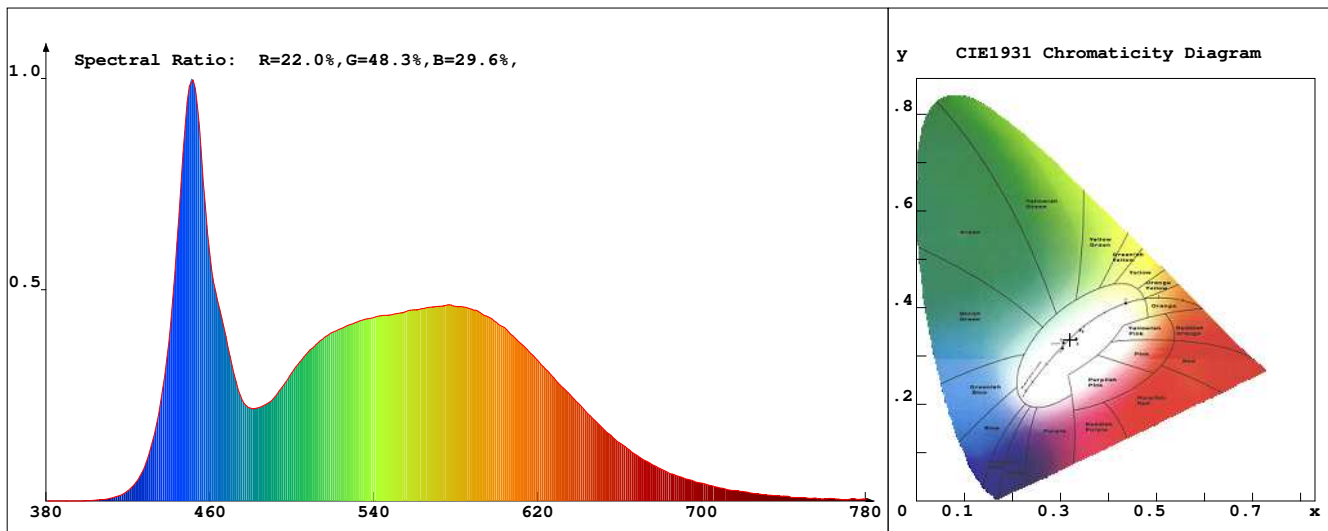
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3198 y=0.3335 u=0.2011 v=0.3145 duv=0.0020

CCT: 6107K Dominant Wave.:491.9nm Purity:4.6% Centre Wave:451.3nm

Flux RGB Ratio:R=13.2%,G=82.9%,B=3.8% Peak Wave:450.6nm Half Width:20.1nm

Rendering Index:Ra= 82.5 CRI= 78.2

R1 =81 R2 =88 R3 =91 R4 =82 R5 =81 R6 =81 R7 =87 R8 =68

R9 =3 R10=70 R11=81 R12=58 R13=83 R14=96 R15=76

PPF:44.171umol/s (400-700nm)

PRF:9.8mW (400-700nm)

PAR:8.2mW (400-700nm)

Photo Parameters

Flux:3362.90lm Effi.:150.9lm/W Radiant:9932.5mW Iv:0.0mcd

Scotopic Flux:7283.8Plm Effi.:0.0Plm/W S/P:2.2

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:44919.398umol/s (380-780nm)

Ele. Parameters

Forward Current:If=928.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.02V

Reverse Current:Ir=0.00uA

Power:P=22.290W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 29.473ms

VPeak: 14824

VDark: 1175

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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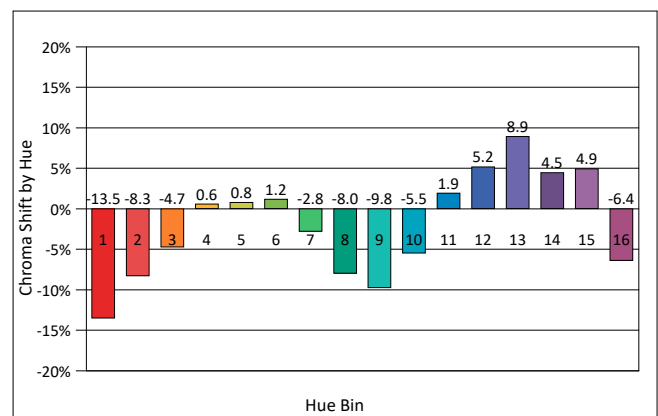
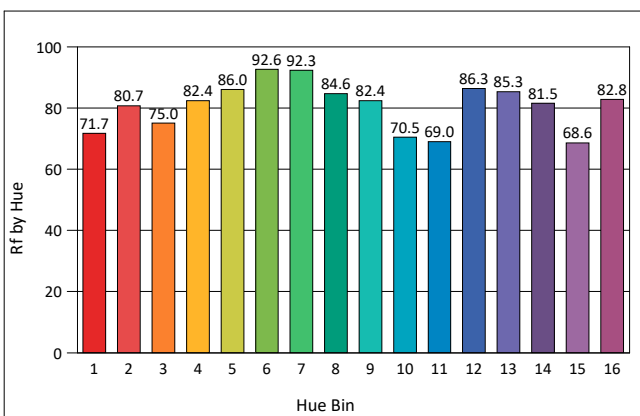
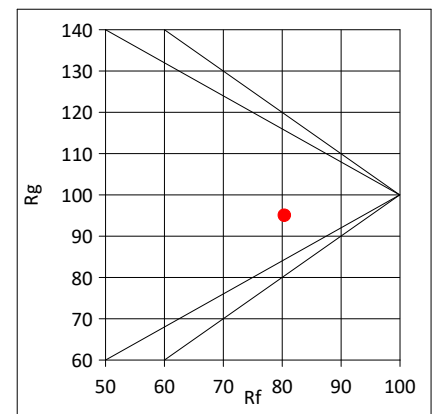
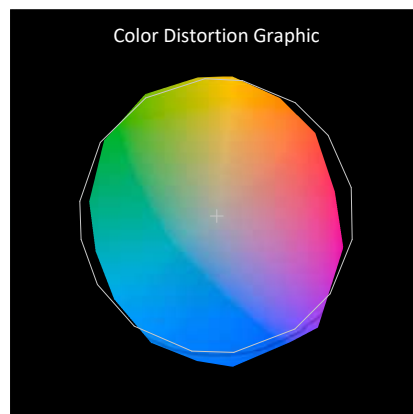
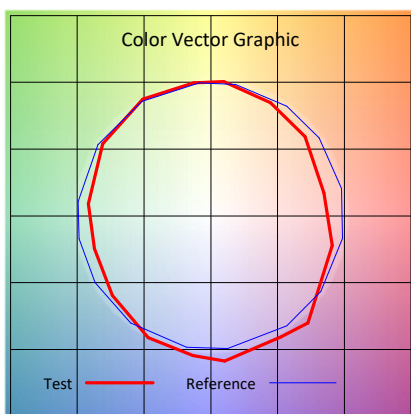
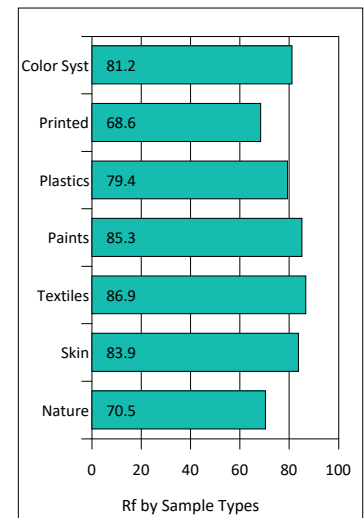
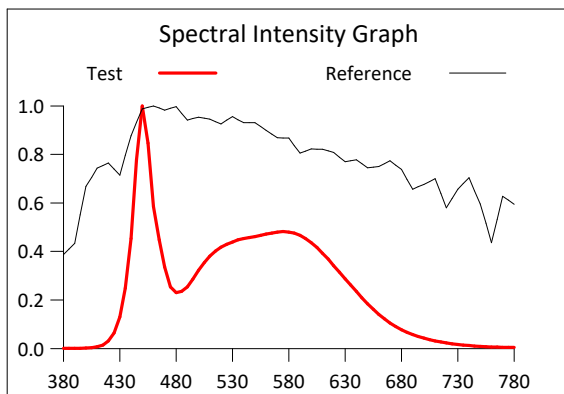
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Rf: 80.4 CCT(K): 6107 u': 0.2011
 Rg: 95.0 LER: 314.5 Duv: 0.0020 v': 0.3145

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	71.7	-13.5%	-1.0%
2	80.7	-8.3%	6.8%
3	75.0	-4.7%	11.7%
4	82.4	0.6%	9.1%
5	86.0	0.8%	4.3%
6	92.6	1.2%	-1.5%
7	92.3	-2.8%	-2.6%
8	84.6	-8.0%	0.1%
9	82.4	-9.8%	9.6%
10	70.5	-5.5%	15.3%
11	69.0	1.9%	17.1%
12	86.3	5.2%	5.8%
13	85.3	8.9%	-3.8%
14	81.5	4.5%	-8.6%
15	68.6	4.9%	-24.9%
16	82.8	-6.4%	-6.5%



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