

LED Test Report

Product Mark

Product Type : OR600-F52-3200S1-W5

Manufacturer : -

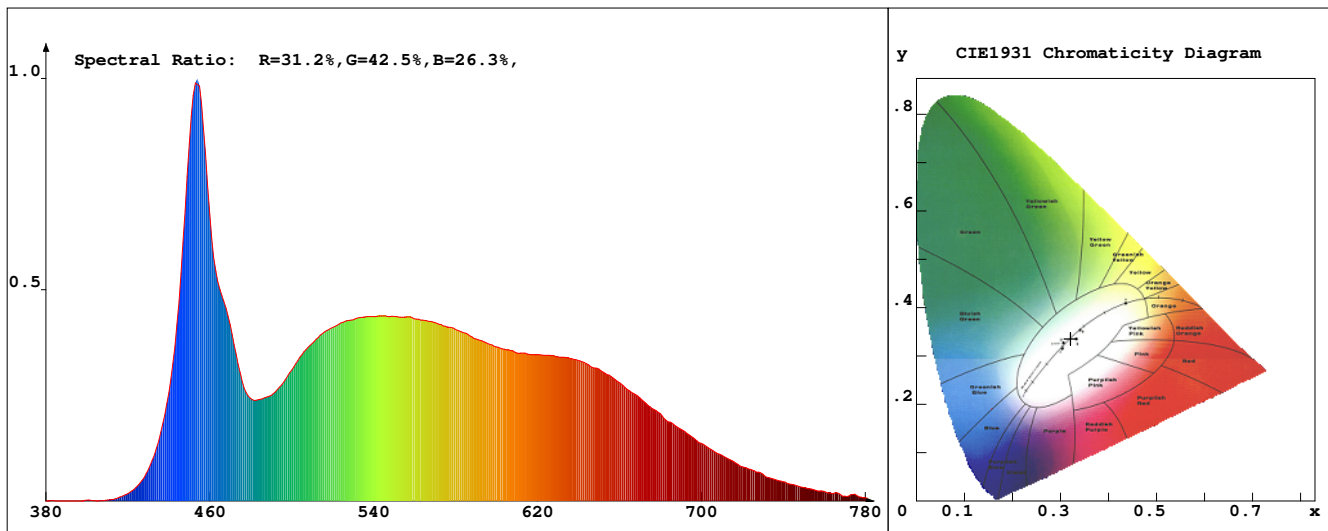
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3208 y=0.3353 u=0.2011 v=0.3152 duv=0.0024

CCT: 6050K Dominant Wave.:493.8nm Purity:4.1% Centre Wave:454.1nm

Flux RGB Ratio:R=14.6%,G=81.2%,B=4.2% Peak Wave:452.8nm Half Width:19.7nm

Rendering Index:Ra= 91.8 CRI= 88.8

R1 =92 R2 =94 R3 =93 R4 =90 R5 =90 R6 =88 R7 =97 R8 =91

R9 =73 R10=84 R11=90 R12=62 R13=94 R14=96 R15=93

PPF:8.259umol/s (400-700nm)

PRF:1.8mW (400-700nm)

PAR:1.5mW (400-700nm)

Photo Parameters

Flux:543.58lm Effi.:100.8lm/W Radiant:1873.4mW Iv:0.0mcd

Scotopic Flux:1220.0Plm Effi.:0.0Plm/W S/P:2.2

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:8722.710umol/s (380-780nm)

Ele. Parameters

Forward Current:If=453.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=11.90V

Reverse Current:Ir=0.00uA

Power:P=5.401W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 171.716ms

VPeak: 15000

VDark: 1320

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

Product Mark

Product Type : OR600-F52-3200S1-W5

Temperature : 'C

Operator : -

Remark :

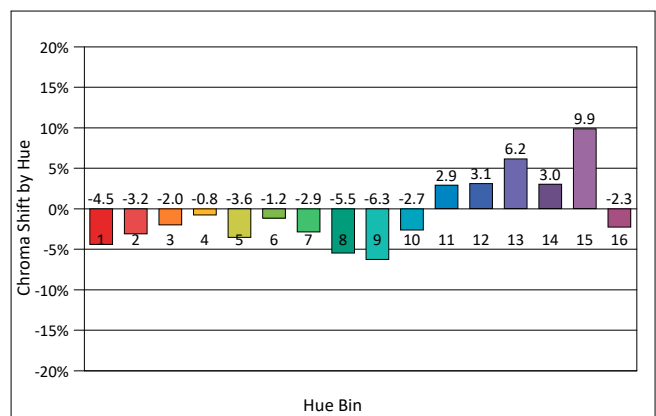
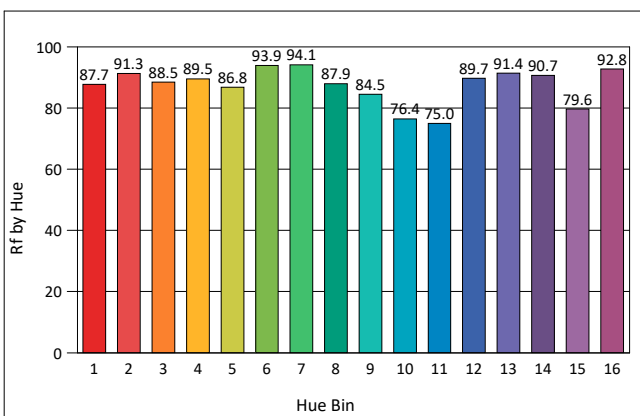
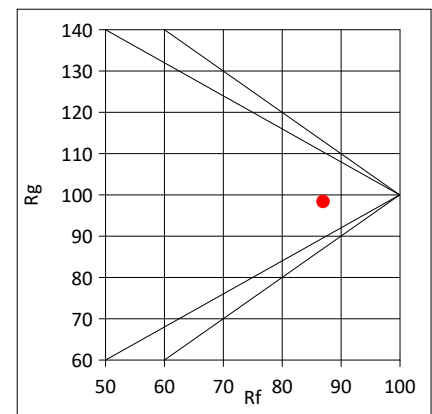
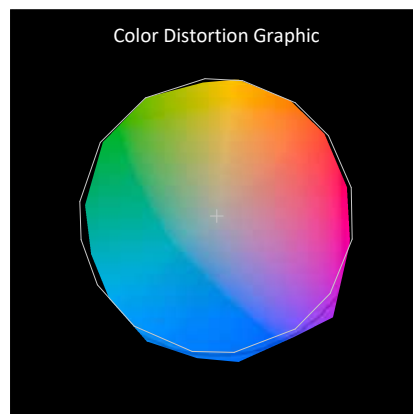
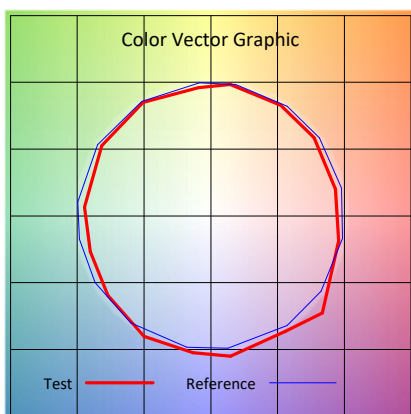
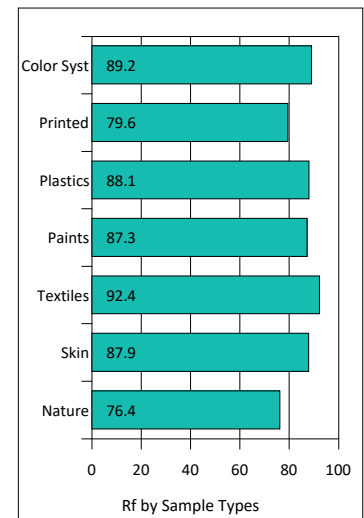
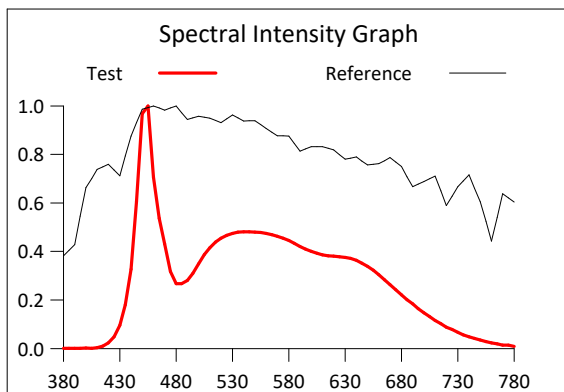
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 87.0 CCT(K): 6050 u': 0.2011
 Rg: 98.3 LER: 280.7 Duv: 0.0024 v': 0.3152

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.7	-4.5%	0.2%
2	91.3	-3.2%	2.6%
3	88.5	-2.0%	4.3%
4	89.5	-0.8%	4.2%
5	86.8	-3.6%	1.4%
6	93.9	-1.2%	-0.4%
7	94.1	-2.9%	-1.2%
8	87.9	-5.5%	2.9%
9	84.5	-6.3%	10.8%
10	76.4	-2.7%	13.1%
11	75.0	2.9%	13.9%
12	89.7	3.1%	5.3%
13	91.4	6.2%	0.8%
14	90.7	3.0%	-3.3%
15	79.6	9.9%	-12.9%
16	92.8	-2.3%	-2.4%



IES TM-30-2015 Test Report

Product Mark

Product Type : OR600-F52-3200S1-W5

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

