

LED Test Report

Product Mark

Product Type : OR300-K52-3200R2-S1

Temperature : 'C

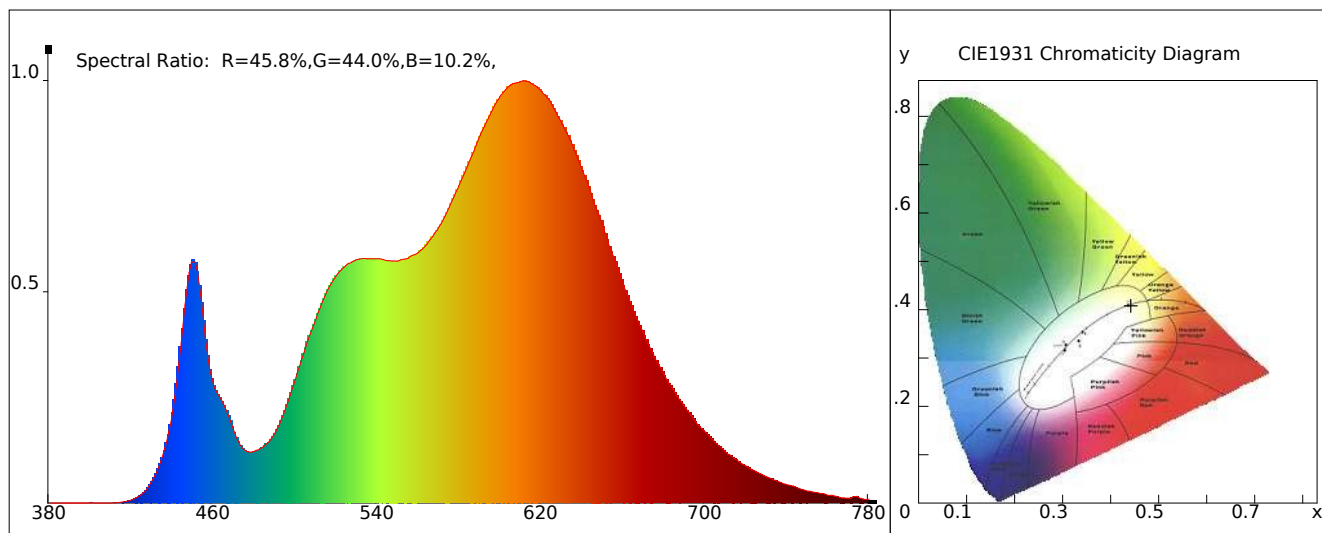
Operator : -

Remark:

Manufacturer : -

Humidity : -%

Test Date : 2024-12-04



Chroma Parameters

Chro.Coord.:x=0.4420 y=0.4080 u=0.2521 v=0.3491 duv=0.0009

CCT: 2948K Dominant Wave.:582.7nm Purity:55.2% Centre Wave:588.1nm

Flux RGB Ratio:R=23.6%,G=75.0%,B=1.3% Peak Wave:612.6nm Half Width:146.0nm

Rendering Index:Ra= 89.4 CRI= 86.3

R1 =90

R2 =93

R3 =96

R4 =93

R5 =91

R6 =93

R7 =88

R8 =72

R9 =34

R10=84

R11=95

R12=75

R13=91

R14=97

R15=82

PPF:11.184umol/s(400-700nm)

PRF:2.3mW(400-700nm)

PAR:2.1mW(400-700nm)

Photo Parameters

Flux:708.06lm

Effi.:87,6lm/W

Radiant:2376.9mW

Iv:0.0mcd

Scotopic Flux:1059.2Plm

Effi.:0.0Plm/W

S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:11626.500umol/s(380-780nm)

Ele. Parameters

Forward Current:If=331.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=8.120W

Instrument state

Instrument:Lisun

Integral Time: 221.985ms

VPeak: 14328

VDark: 1208

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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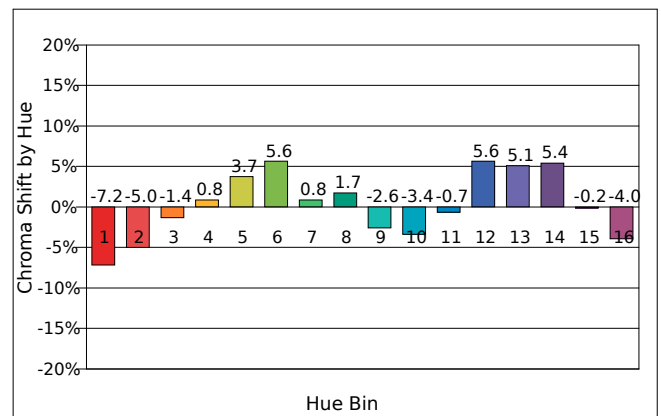
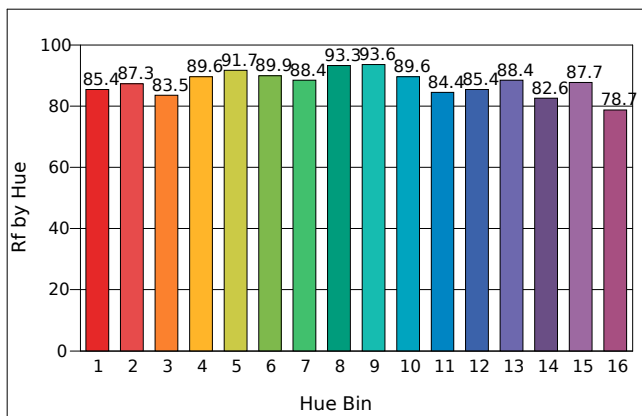
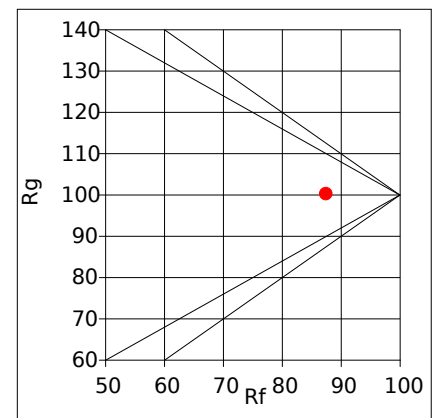
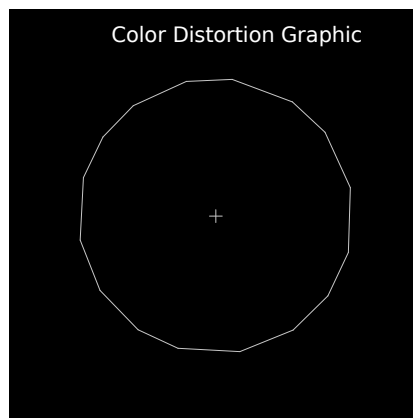
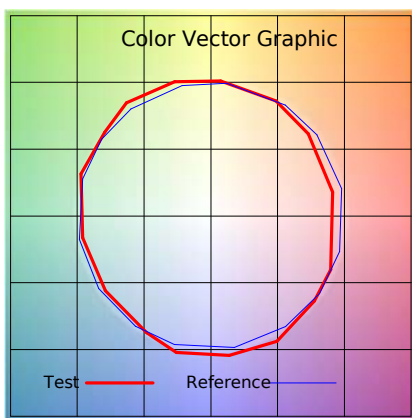
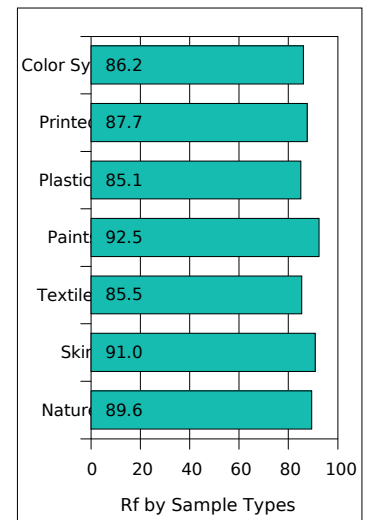
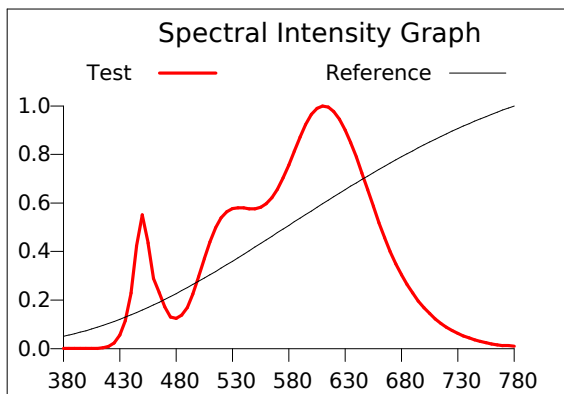
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Rf: 87.4 CCT(K): 2948 u': 0.2521

Rg: 100.3 LER: 321.5 Duv: 0.0009 v': 0.3491

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	85.4	-7.2%	-1.3%
2	87.3	-5.0%	4.1%
3	83.5	-1.4%	7.6%
4	89.6	0.8%	4.8%
5	91.7	3.7%	4.9%
6	89.9	5.6%	0.1%
7	88.4	0.8%	-5.7%
8	93.3	1.7%	-3.4%
9	93.6	-2.6%	-0.7%
10	89.6	-3.4%	4.3%
11	84.4	-0.7%	9.5%
12	85.4	5.6%	2.7%
13	88.4	5.1%	-5.0%
14	82.6	5.4%	-11.6%
15	87.7	-0.2%	-6.8%
16	78.7	-4.0%	-14.6%



IES TM-30-2015 Test Report

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Product Type : OR300-K52-320R2-S1

Temperature : 'C

Operator : -

Remark:

Manufacturer : -

Humidity : -%

Test Date : 2024-12-04

