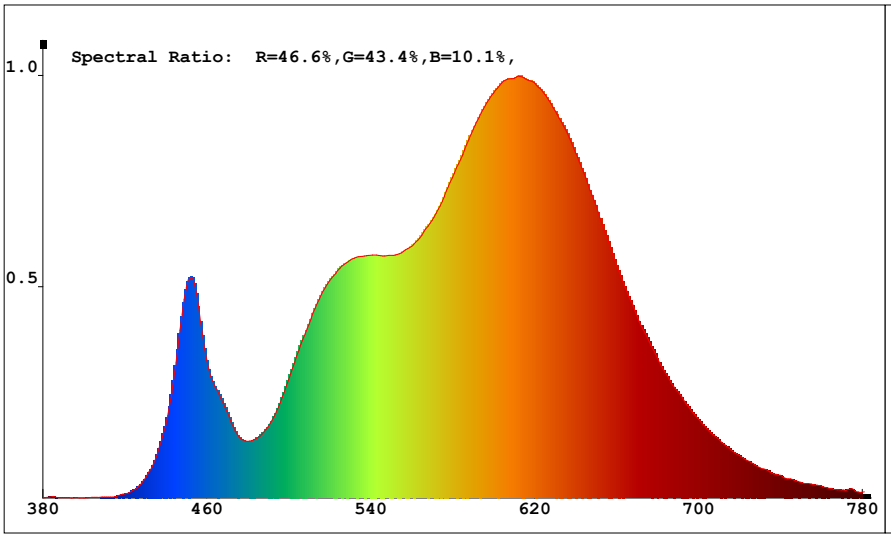
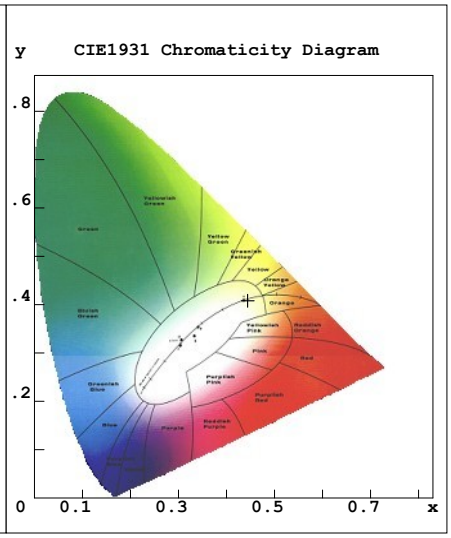
LED Test Report

Product Mark

Product Type : OR300-K52-400OR2-W5 Manufacturer : -
Temperature : 'C Humidity : -%
Operator : - Test Date : 2025-03-20
Remark:





Chroma Parameters

Chro.Coor.:x=0.4441 y=0.4084 u=0.2533 v=0.3494 duv=0.0008
CCT: 2917K Dominant Wave.:582.9nm Purity:55.9% Centre Wave:590.1nm
Flux RGB Ratio:R=23.7%,G=74.9%,B=1.4% Peak Wave:612.6nm Half Width:146.1nm

Rendering Index:Ra= 89.3 CRI= 86.3

R1 =90	R2 =93	R3 =97	R4 =92	R5 =90	R6 =94	R7 =88	R8 =71
R9 =34	R10=84	R11=94	R12=76	R13=91	R14=97	R15=82	

PPF:12.615umol/s(400-700nm) PRF:2.6mW(400-700nm) PAR:2.3mW(400-700nm)

Photo Parameters

Flux:792.999m Effi.:79.48m/W Radiant:2688.2mW Iv:0.0mcd
Scotopic Flux:1176.1Plm Effi.:0.0Plm/W S/P:1.3
Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:13187.900umol/s(380-780nm)

Ele. Parameters

Forward Current:If=415.0mA Reverse Voltage:Vr=5.00V
Forward Voltage:Vf=24.00V Reverse Current:Ir=0.00uA
Power:P=10.101W

Instrument state

Instrument:Lisun LMS-8000 Integral Time: 186.902ms VPeak: 13816
VDark: 1369 Scan Range: 380-780nm Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

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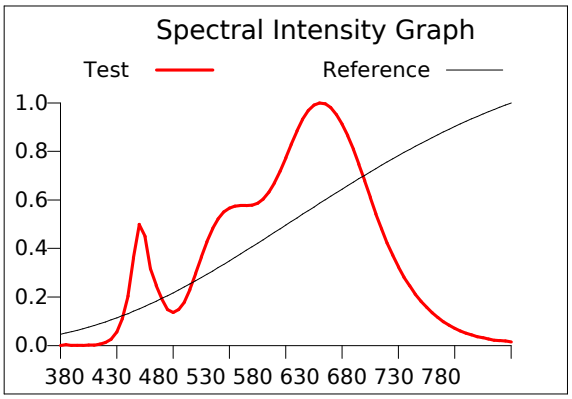
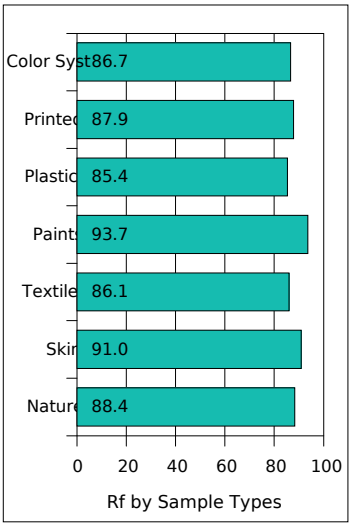
Temperature : 'C
Operator : -
Remark:

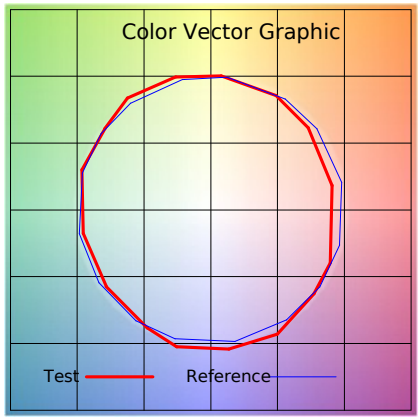
Manufacturer : -
Humidity : -%
Test Date : 2025-03-20

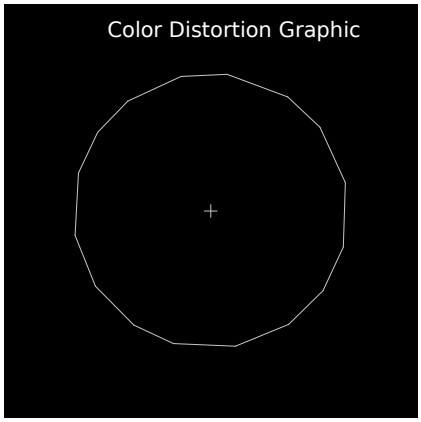
Rf: 87.7 CCT(K): 2917 u': 0.2533
Rg: 99.4 LER: 318.1 Duv: 0.0008 v': 0.3494

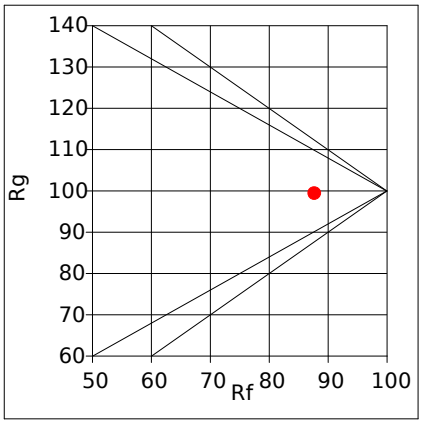


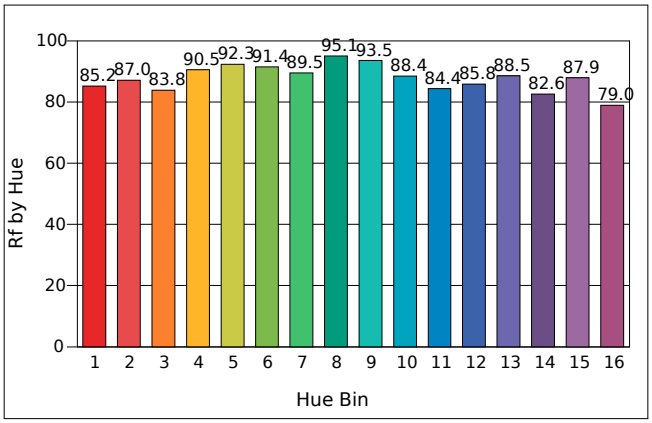
		Graphic Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1	85.2	-7.4%	-0.9%
2	87.0	-5.1%	4.1%
3	83.8	-1.6%	7.4%
4	90.5	0.2%	4.3%
5	92.3	2.8%	4.4%
6	91.4	4.6%	-0.1%
7	89.5	-0.4%	-5.0%
8	95.1	0.9%	-2.6%
9	93.5	-2.9%	0.4%
10	88.4	-3.1%	5.4%
11	84.4	-0.2%	9.8%
12	85.8	5.6%	2.3%
13	88.5	4.7%	-5.4%
14	82.6	5.0%	-11.7%
15	87.9	-0.9%	-6.6%
16	79.0	-4.4%	-14.3%

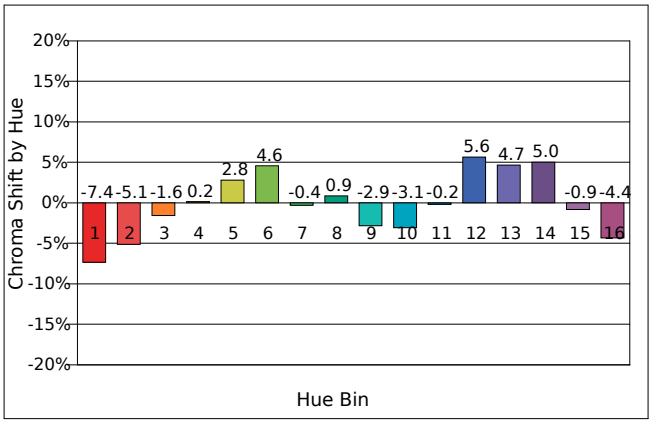












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