

LED Test Report

Product Mark

Product Type : OR30sF52120DN2-F

Manufacturer : -

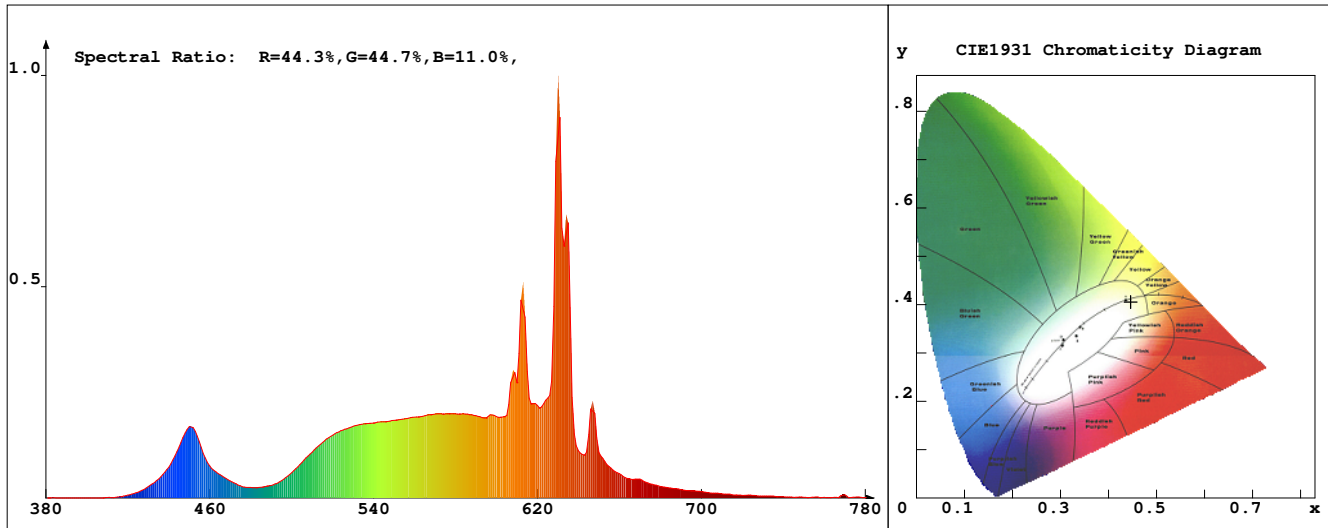
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4460$ $y=0.4054$ $u=0.2558$ $v=0.3488$ $duv=-0.0006$

CCT: 2864K Dominant Wave.: 583.6nm Purity: 55.6% Centre Wave: 630.9nm

Flux RGB Ratio: R=26.1%, G=72.8%, B=1.1% Peak Wave: 629.2nm Half Width: 7.5nm

Rendering Index: Ra= 92.2 CRI= 89.4

R1 =98 R2 =94 R3 =85 R4 =92 R5 =95 R6 =92 R7 =92 R8 =90

R9 =74 R10=80 R11=91 R12=73 R13=97 R14=89 R15=95

PPF: 19.633 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.1mW (400-700nm)

PAR: 3.7mW (400-700nm)

Photo Parameters

Flux: 1529.41lm Effi.: 153.11m/W Radiant: 4121.9mW Iv: 0.0mcd

Scotopic Flux: 1975.5Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 19884.000 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=415.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.07\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=10.001\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 22.003ms

VPeak: 13896

VDark: 1217

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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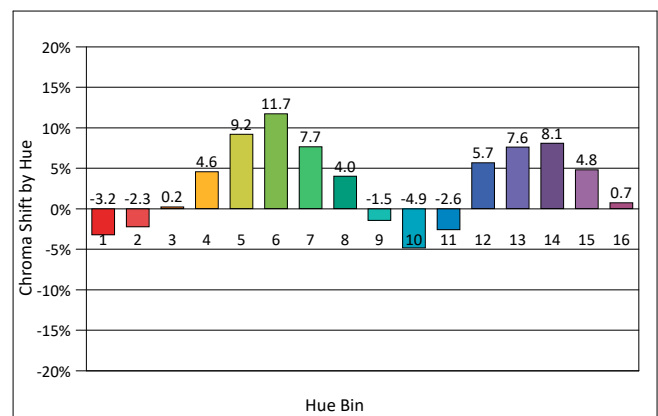
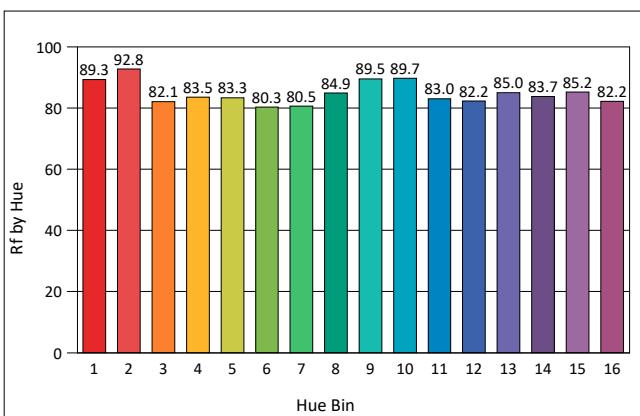
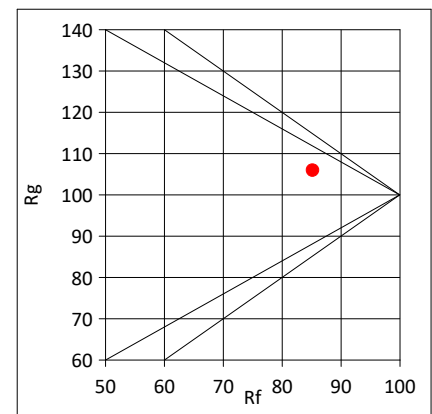
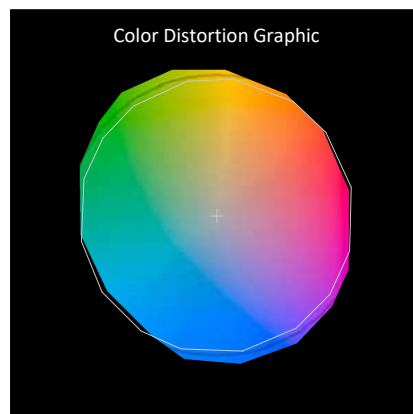
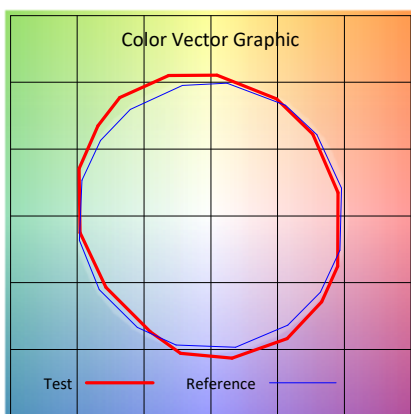
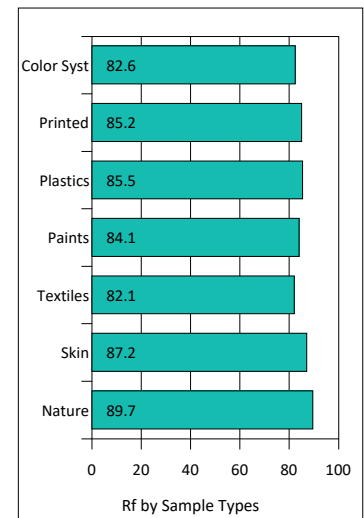
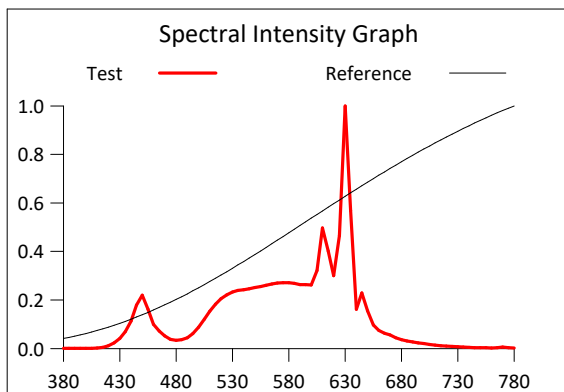
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Rf: 85.2 CCT(K): 2864 u': 0.2558
Rg: 105.9 LER: 345.8 Duv: -0.0006 v': 0.3488

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	89.3	-3.2%	-2.9%
2	92.8	-2.3%	2.1%
3	82.1	0.2%	8.1%
4	83.5	4.6%	8.5%
5	83.3	9.2%	8.5%
6	80.3	11.7%	1.6%
7	80.5	7.7%	-8.2%
8	84.9	4.0%	-8.0%
9	89.5	-1.5%	-5.6%
10	89.7	-4.9%	1.4%
11	83.0	-2.6%	10.1%
12	82.2	5.7%	4.5%
13	85.0	7.6%	-4.2%
14	83.7	8.1%	-6.0%
15	85.2	4.8%	-5.6%
16	82.2	0.7%	-12.2%



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