

LED Test Report

Product Mark

Product Type : OR270-F52-480OR2-W10

Manufacturer : -

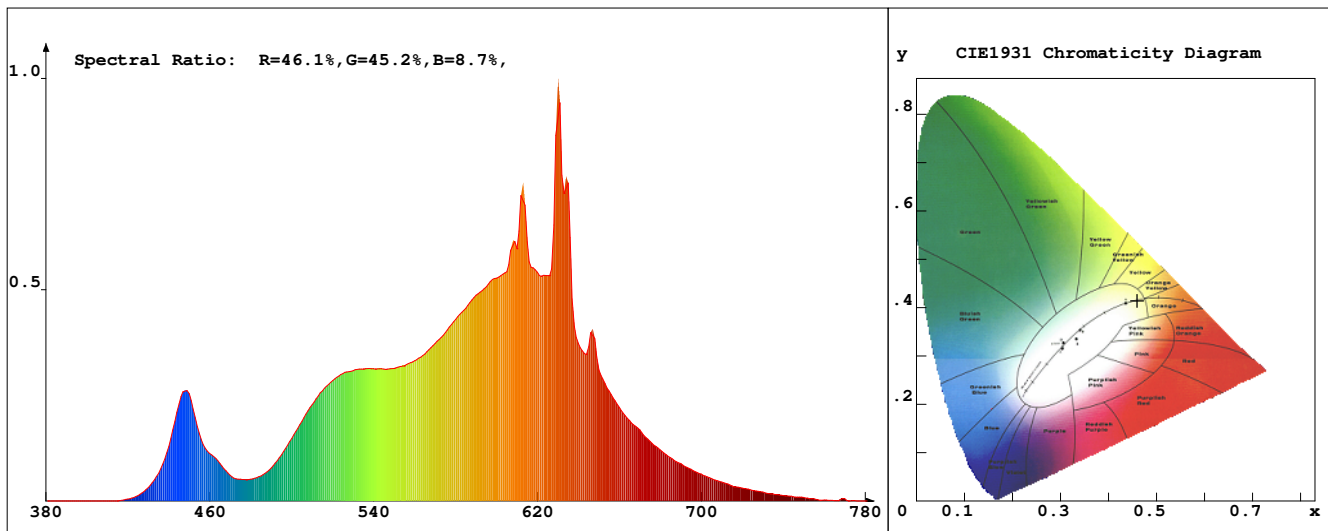
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4594$ $y=0.4142$ $u=0.2606$ $v=0.3524$ $duv=0.0014$

CCT: 2734K Dominant Wave.: 583.6nm Purity: 62.2% Centre Wave: 615.2nm

Flux RGB Ratio: R=25.5%, G=73.5%, B=1.0% Peak Wave: 629.2nm Half Width: 41.1nm

Rendering Index: Ra= 89.5 CRI= 86.5

R1 =91 R2 =93 R3 =96 R4 =92 R5 =90 R6 =95 R7 =88 R8 =71

R9 =32 R10=84 R11=95 R12=80 R13=91 R14=97 R15=82

PPF: 26.874 $\mu\text{mol/s}$ (400–700nm)

PRF: 5.5mW (400–700nm)

PAR: 5.0mW (400–700nm)

Photo Parameters

Flux: 1974.97lm Effi.: 137.11lm/W Radiant: 5629.1mW Iv: 0.0mcd

Scotopic Flux: 2441.1Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 27487.600 $\mu\text{mol/s}$ (380–780nm)

Ele. Parameters

Forward Current: If=600.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.00V

Reverse Current: Ir=0.00uA

Power: P=14.411W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 34.981ms

VPeak: 13624

VDark: 1179

Scan Range: 380–780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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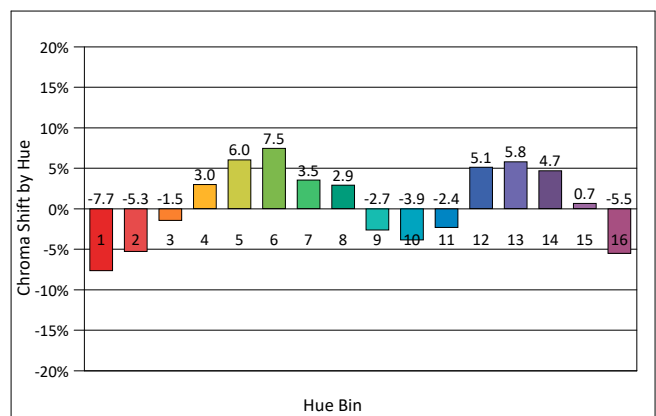
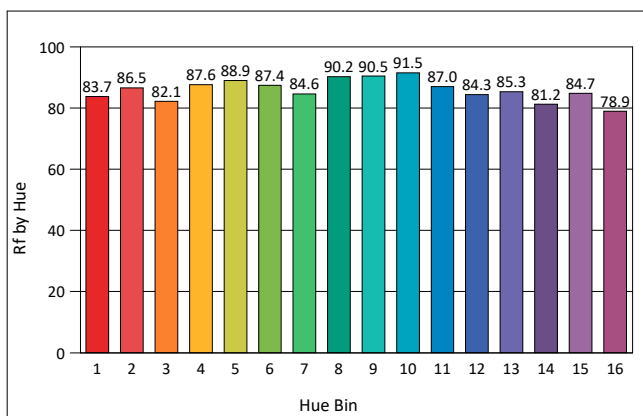
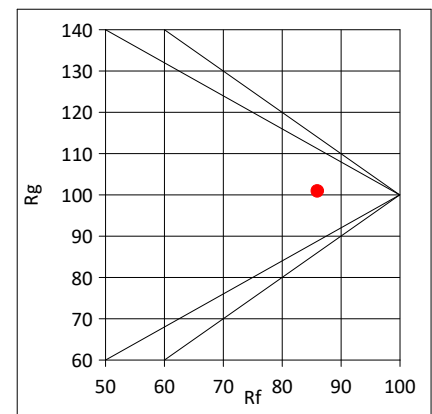
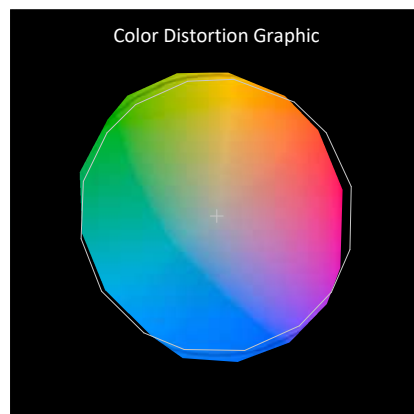
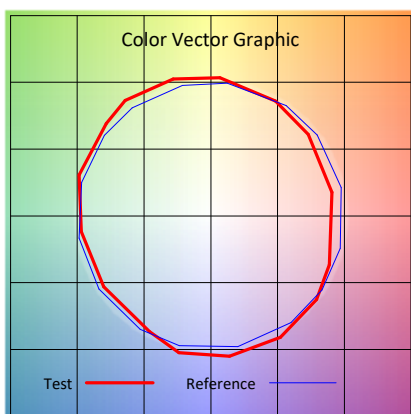
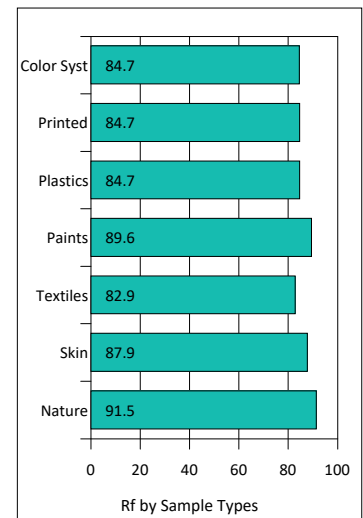
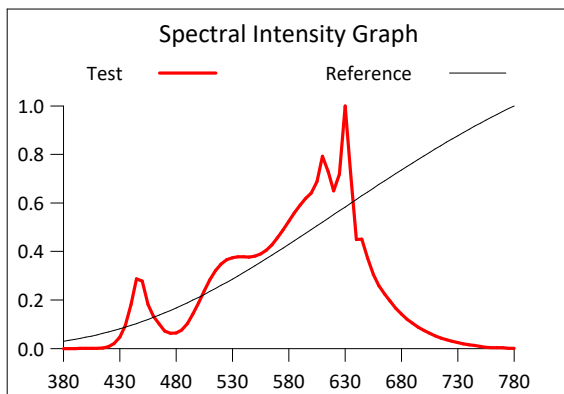
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Rf: 86.0 CCT(K): 2734 u': 0.2606
 Rg: 100.9 LER: 338.8 Duv: 0.0014 v': 0.3524

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	83.7	-7.7%	-2.1%
2	86.5	-5.3%	4.3%
3	82.1	-1.5%	8.3%
4	87.6	3.0%	6.4%
5	88.9	6.0%	5.9%
6	87.4	7.5%	1.3%
7	84.6	3.5%	-8.2%
8	90.2	2.9%	-5.0%
9	90.5	-2.7%	-4.2%
10	91.5	-3.9%	0.7%
11	87.0	-2.4%	6.8%
12	84.3	5.1%	0.8%
13	85.3	5.8%	-7.6%
14	81.2	4.7%	-12.9%
15	84.7	0.7%	-8.5%
16	78.9	-5.5%	-13.6%



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