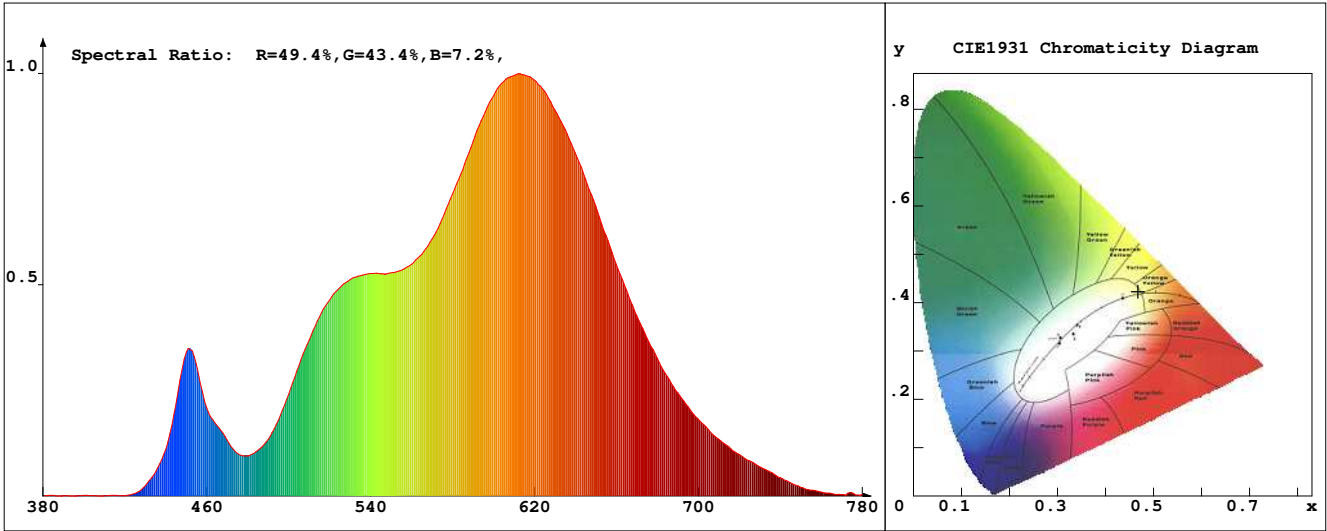


# LED Test Report

**Product Mark**

Product Type : OR270-FA2-480OR2  
 Temperature : 'C  
 Operator : -  
 Remark :

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



**Chroma Parameters**

Chro.Coor.:x=0.4674 y=0.4230 u=0.2618 v=0.3554 duv=0.0039  
 CCT: 2692K Dominant Wave.:583.1nm Purity:67.3% Centre Wave:594.1nm  
 Flux RGB Ratio:R=25.1%,G=73.9%,B=1.0% Peak Wave:612.6nm Half Width:136.8nm

**Rendering Index:Ra= 87.8 CRI= 84.6**

R1 =86	R2 =91	R3 =95	R4 =94	R5 =91	R6 =94	R7 =86	R8 =66
R9 =27	R10=80	R11=97	R12=75	R13=87	R14=96	R15=77	
PPF:15.798umol/s (400-700nm)			PRF:3.2mW (400-700nm)			PAR:2.9mW (400-700nm)	

**Photo Parameters**

Flux:1122.86lm      Effi.:112.3lm/W      Radiant:3322.6mW      Iv:0.0mcd  
 Scotopic Flux:1364.8Plm      Effi.:0.0Plm/W      S/P:1.2  
 Efficiency:0.00      Effi Level:A++ (EU 874-2012)      Photon Flux:16442.199umol/s (380-780nm)

**Ele. Parameters**

Forward Current:If=415.0mA      Reverse Voltage:Vr=5.00V  
 Forward Voltage:Vf=24.10V      Reverse Current:Ir=0.00uA  
 Power:P=10.001W

**Instrument state**

Instrument:Lisun LMS-8000      Integral Time: 130.215ms      VPeak: 12840  
 VDark: 1209      Scan Range: 380-780nm      Product ID: 201508924

# IES TM-30-2015 Test Report

**Product Mark**

Product Type : OR270-FA2-480OR2

Temperature : 'C

Operator : -

Remark :

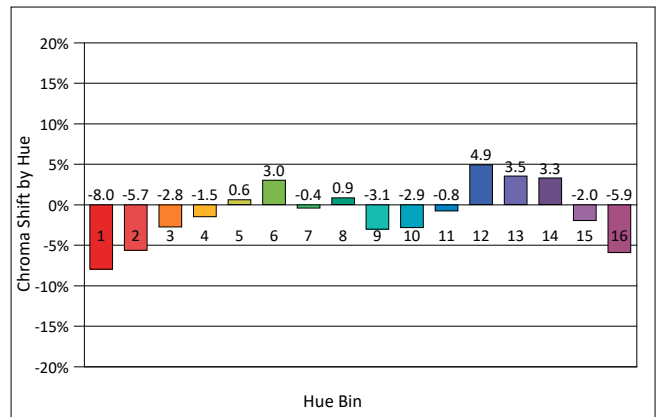
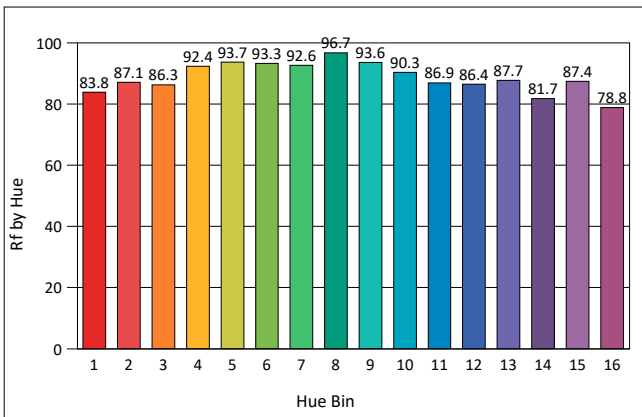
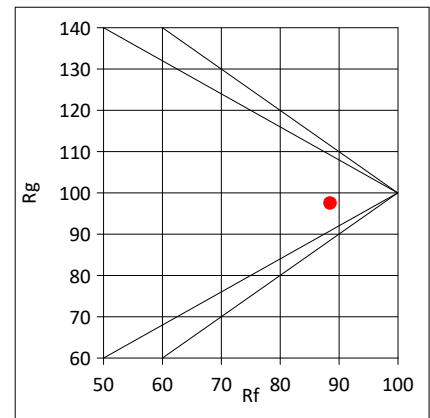
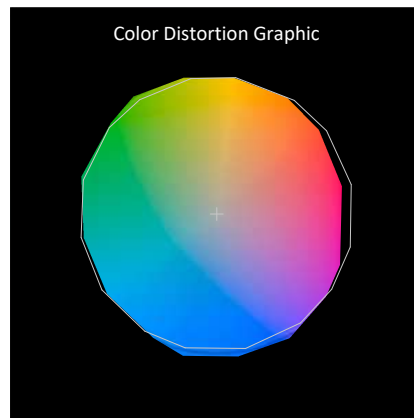
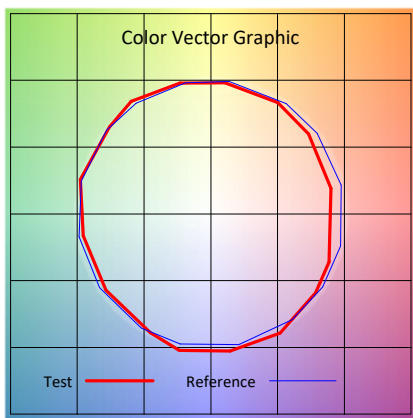
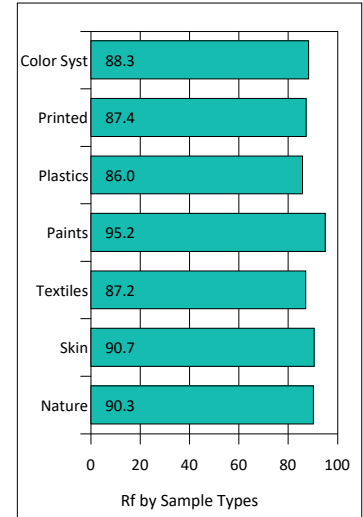
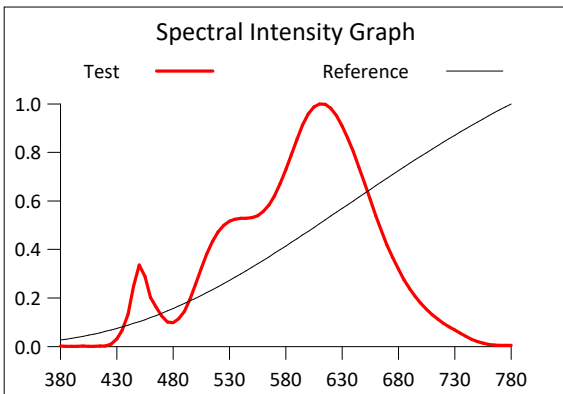
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 88.5      CCT(K): 2692      u': 0.2618  
 Rg: 97.5      LER: 323.4      Duv: 0.0039      v': 0.3554

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	83.8	-8.0%	-0.9%
2	87.1	-5.7%	3.3%
3	86.3	-2.8%	5.7%
4	92.4	-1.5%	2.9%
5	93.7	0.6%	4.3%
6	93.3	3.0%	2.3%
7	92.6	-0.4%	-3.3%
8	96.7	0.9%	-1.1%
9	93.6	-3.1%	-0.0%
10	90.3	-2.9%	4.3%
11	86.9	-0.8%	8.0%
12	86.4	4.9%	0.2%
13	87.7	3.5%	-7.3%
14	81.7	3.3%	-13.1%
15	87.4	-2.0%	-6.6%
16	78.8	-5.9%	-13.4%



# IES TM-30-2015 Test Report

**Product Mark**

Product Type : OR270-FA2-480OR2

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

