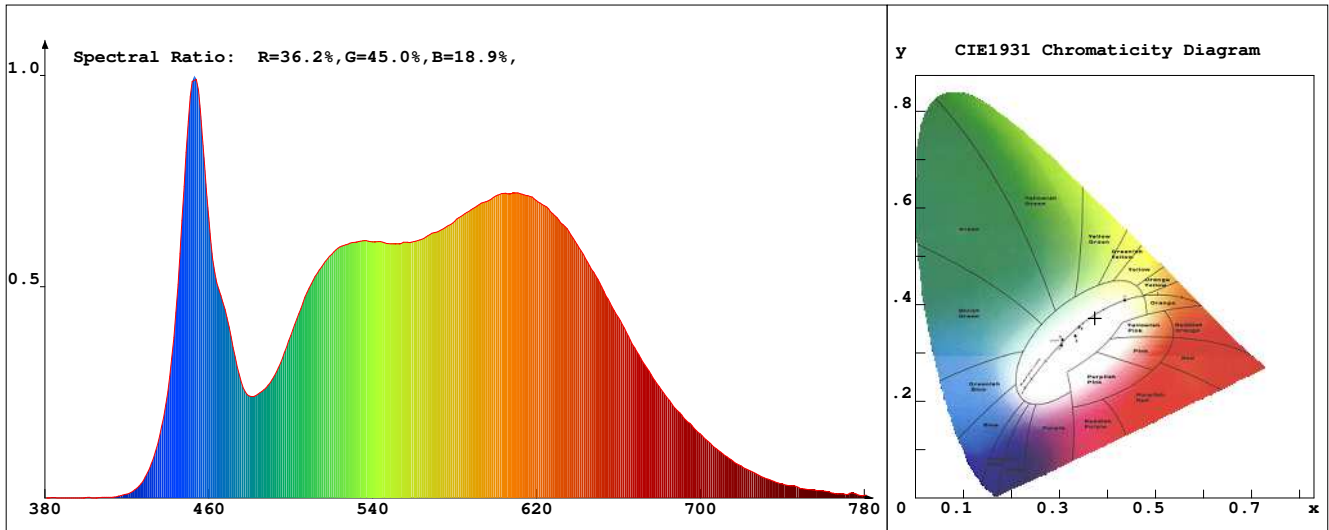


# LED Test Report

## Product Mark

Product Type : OR400-FA2-480OR2A  
 Temperature : 'C  
 Operator : -  
 Remark :

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



## Chroma Parameters

Chro.Coord.:x=0.3737 y=0.3720 u=0.2225 v=0.3323 duv=-0.0002  
 CCT: 4156K Dominant Wave.:578.6nm Purity:23.8% Centre Wave:453.6nm  
 Flux RGB Ratio:R=18.6%,G=78.7%,B=2.7% Peak Wave:452.2nm Half Width:19.5nm

## Rendering Index:Ra= 92.0 CRI= 88.5

R1 =93	R2 =95	R3 =95	R4 =93	R5 =92	R6 =92	R7 =93	R8 =83
R9 =56	R10=86	R11=93	R12=67	R13=94	R14=97	R15=89	
PPF:10.770umol/s (400-700nm)			PRF:2.3mW (400-700nm)			PAR:2.0mW (400-700nm)	

## Photo Parameters

Flux:757.37lm      Effi.:94.8lm/W      Radiant:2350.7mW      Iv:0.0mcd  
 Scotopic Flux:1372.9Plm      Effi.:0.0Plm/W      S/P:1.8  
 Efficiency:0.00      Effi Level:A++ (EU 874-2012)      Photon Flux:11141.900umol/s (380-780nm)

## Ele. Parameters

Forward Current:If=333.0mA      Reverse Voltage:Vr=5.00V  
 Forward Voltage:Vf=24.00V      Reverse Current:Ir=0.00uA  
 Power:P=8.001W

## Instrument state

Instrument:Lisun LMS-8000      Integral Time: 201.544ms      VPeak: 14824  
 VDark: 1226      Scan Range: 380-780nm      Product ID: 201508924

# IES TM-30-2015 Test Report

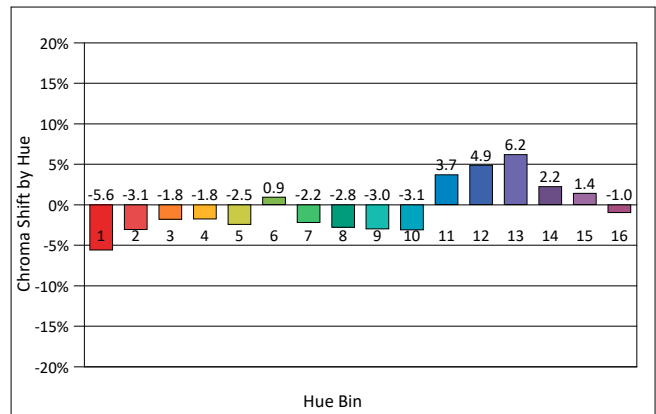
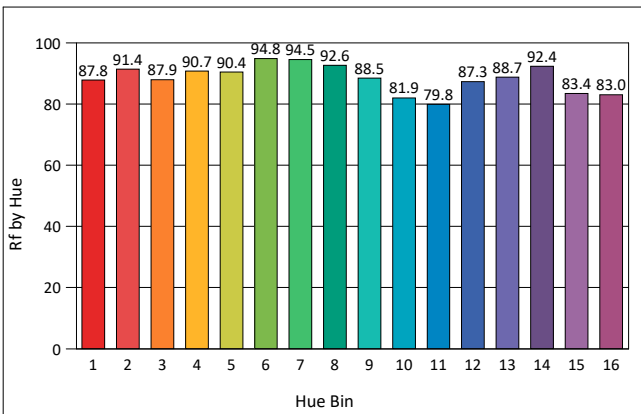
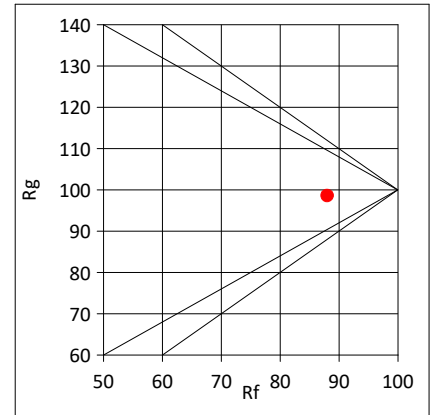
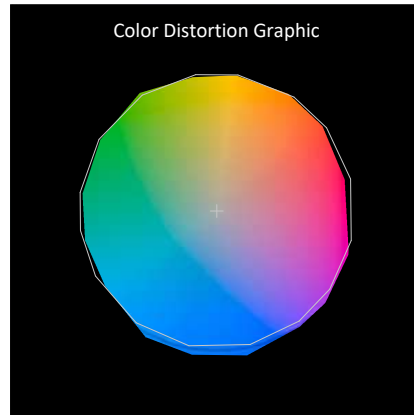
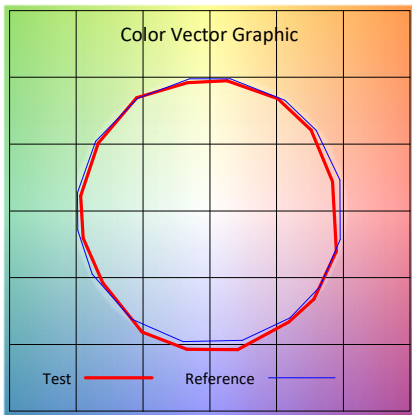
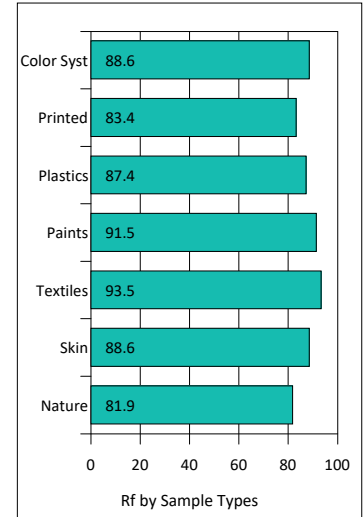
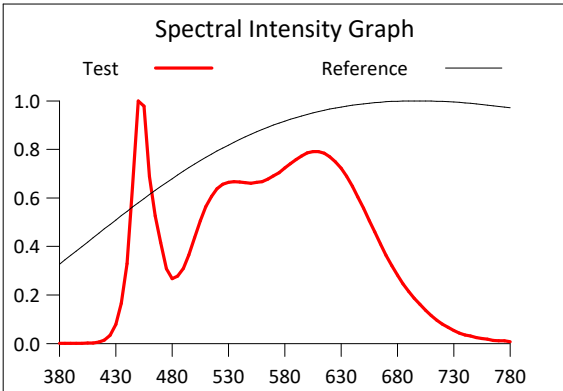
**Product Mark**

Product Type : OR400-FA2-480OR2A  
 Temperature : 'C  
 Operator : -  
 Remark :

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

Rf: 88.0      CCT(K): 4156      u': 0.2225  
 Rg: 98.6      LER: 309.2      Duv: -0.0002      v': 0.3323

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.8	-5.6%	-0.1%
2	91.4	-3.1%	2.3%
3	87.9	-1.8%	5.0%
4	90.7	-1.8%	2.4%
5	90.4	-2.5%	2.0%
6	94.8	0.9%	0.4%
7	94.5	-2.2%	0.1%
8	92.6	-2.8%	1.9%
9	88.5	-3.0%	6.8%
10	81.9	-3.1%	9.6%
11	79.8	3.7%	11.7%
12	87.3	4.9%	4.1%
13	88.7	6.2%	-4.6%
14	92.4	2.2%	-2.5%
15	83.4	1.4%	-10.1%
16	83.0	-1.0%	-9.2%



# IES TM-30-2015 Test Report

**Product Mark**

Product Type : OR400-FA2-480OR2A

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

