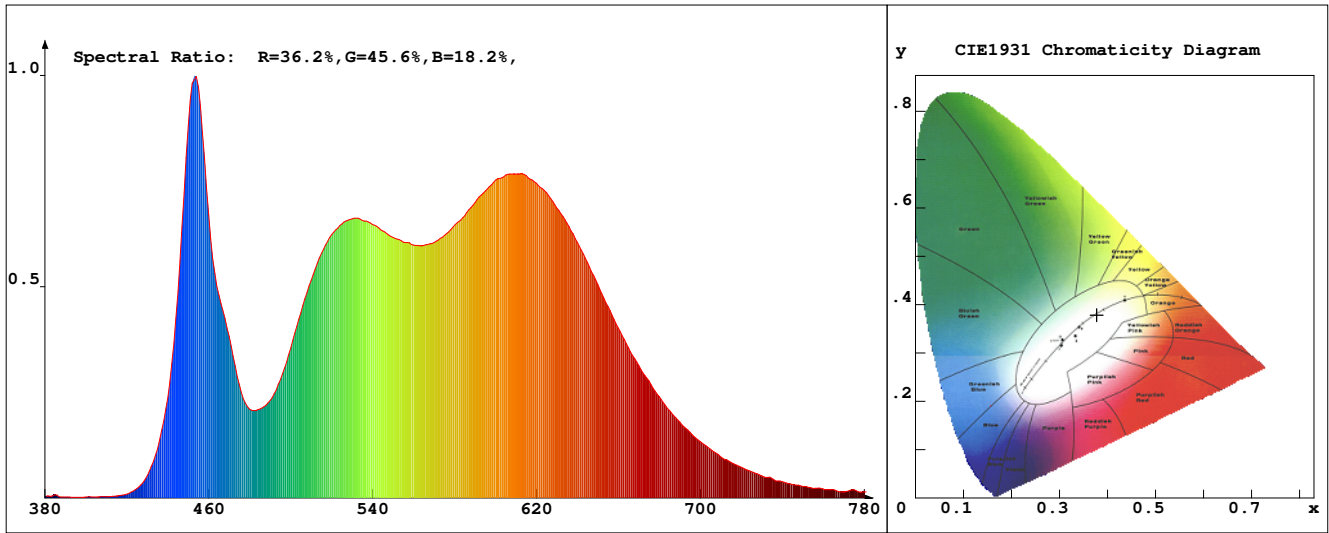


# LED Test Report

**Product Mark**

Product Type : OR400-F52-480OR2A  
 Temperature : 'C  
 Operator : -  
 Remark :

Manufacturer : -  
 Humidity : -%  
 Test Date : 2025-02-12



**Chroma Parameters**

Chro.Coor.:x=0.3776 y=0.3785 u=0.2225 v=0.3346 duv=0.0017  
 CCT: 4093K Dominant Wave.:577.8nm Purity:26.9% Centre Wave:453.5nm  
 Flux RGB Ratio:R=19.0%,G=78.5%,B=2.5% Peak Wave:452.8nm Half Width:18.9nm

**Rendering Index:Ra= 91.8 CRI= 88.2**

R1 =95	R2 =95	R3 =94	R4 =94	R5 =91	R6 =90	R7 =94	R8 =84
R9 =54	R10=85	R11=94	R12=63	R13=95	R14=96	R15=90	
PPF:9.498umol/s (400-700nm)			PRF:2.0mW (400-700nm)			PAR:1.7mW (400-700nm)	

**Photo Parameters**

Flux:666.75lm      Effi.:99.11m/W      Radiant:2075.2mW      Iv:0.0mcd  
 Scotopic Flux:1186.1Plm      Effi.:0.0Plm/W      S/P:1.8  
 Efficiency:0.00      Effi Level:A++ (EU 874-2012)      Photon Flux:9839.010umol/s (380-780nm)

**Ele. Parameters**

Forward Current:If=285.0mA      Reverse Voltage:Vr=5.00V  
 Forward Voltage:Vf=23.62V      Reverse Current:Ir=0.00uA  
 Power:P=6.751W

**Instrument state**

Instrument:Lisun LMS-8000      Integral Time: 216.236ms      VPeak: 15080  
 VDark: 1257      Scan Range: 380-780nm      Product ID: 201508924

# IES TM-30-2015 Test Report

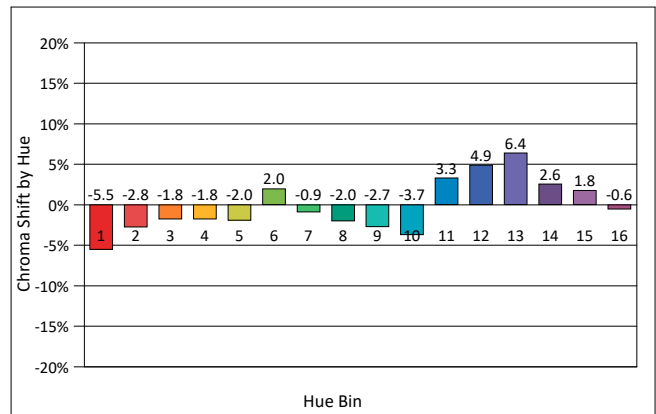
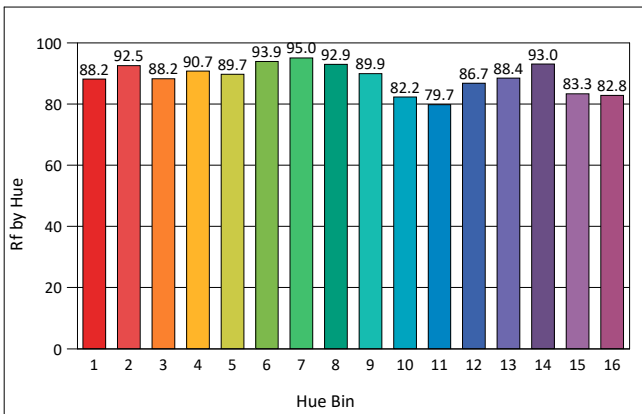
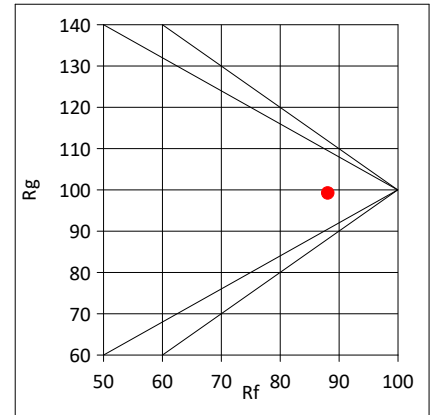
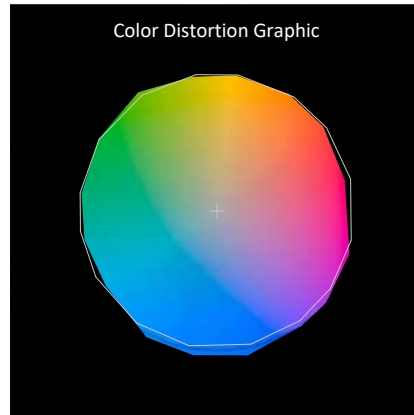
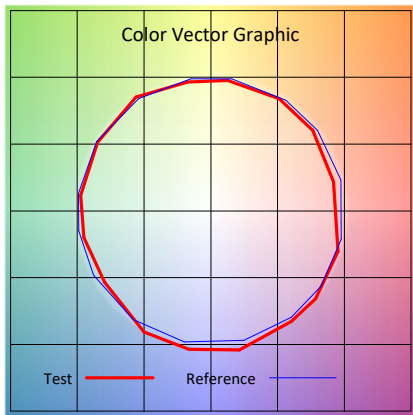
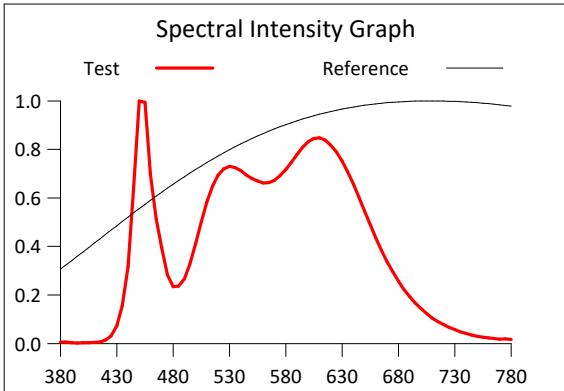
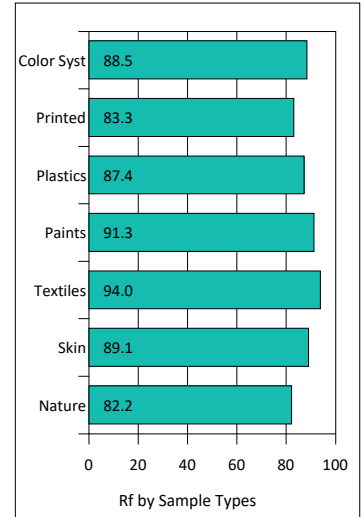
**Product Mark**

Product Type : OR400-F52-480OR2A  
 Temperature : 'C  
 Operator : -  
 Remark :

Manufacturer : -  
 Humidity : -%  
 Test Date : 2025-02-12

Rf: 88.1                      CCT(K): 4093              u': 0.2225  
 Rg: 99.2      LER: 315.3      Duv: 0.0017              v': 0.3346

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.2	-5.5%	-0.5%
2	92.5	-2.8%	1.9%
3	88.2	-1.8%	4.8%
4	90.7	-1.8%	2.6%
5	89.7	-2.0%	2.6%
6	93.9	2.0%	1.0%
7	95.0	-0.9%	-0.2%
8	92.9	-2.0%	1.2%
9	89.9	-2.7%	5.8%
10	82.2	-3.7%	9.2%
11	79.7	3.3%	11.8%
12	86.7	4.9%	4.5%
13	88.4	6.4%	-4.7%
14	93.0	2.6%	-1.7%
15	83.3	1.8%	-10.1%
16	82.8	-0.6%	-9.4%



# IES TM-30-2015 Test Report

**Product Mark**

Product Type : OR400-F52-480OR2A

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :

