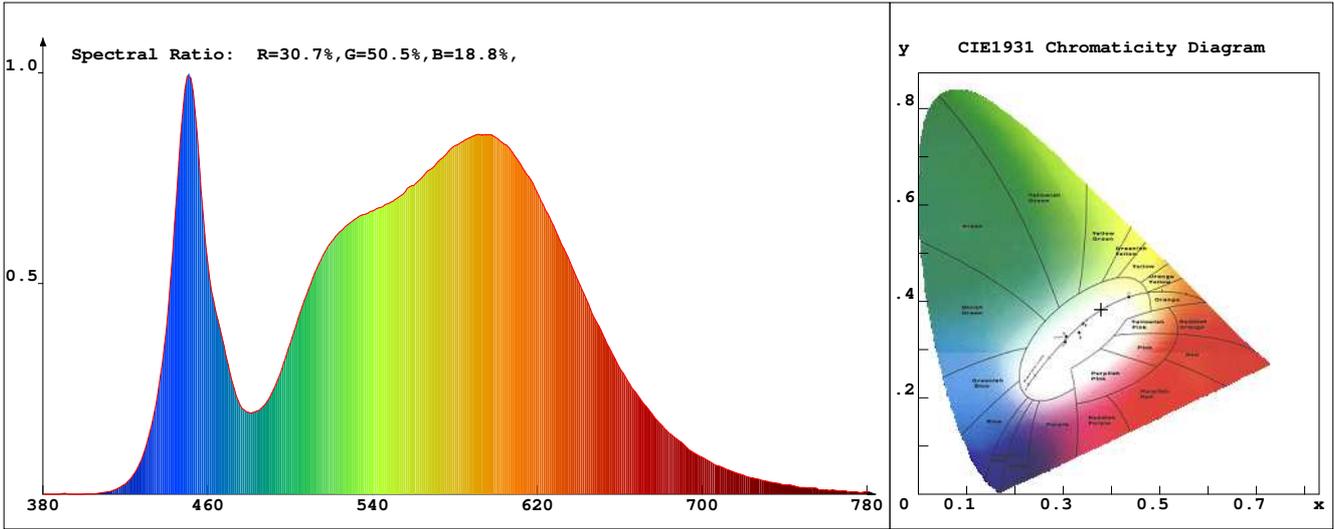


# LED Test Report

**Product Mark**

Product Type : OR40s-F52-1208F2  
 Temperature : 'C  
 Operator : -  
 Remark :

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



**Chroma Parameters**

Chro.Coor.:x=0.3786 y=0.3828 u=0.2215 v=0.3360 duv=0.0033  
 CCT: 4093K Dominant Wave.:577.0nm Purity:28.5% Centre Wave:450.5nm  
 Flux RGB Ratio:R=16.7%,G=81.1%,B=2.2% Peak Wave:449.6nm Half Width:19.3nm

**Rendering Index:Ra= 80.0 CRI= 75.6**

R1 =78	R2 =86	R3 =92	R4 =80	R5 =78	R6 =80	R7 =86	R8 =61
R9 =-6	R10=66	R11=79	R12=54	R13=79	R14=96	R15=71	
PPF:33.084umol/s (400-700nm)			PRF:7.1mW (400-700nm)			PAR:6.2mW (400-700nm)	

**Photo Parameters**

Flux:2602.25lm      Effi.:120.6lm/W      Radiant:7209.7mW      Iv:0.0mcd  
 Scotopic Flux:4315.1Plm      Effi.:0.0Plm/W      S/P:1.7  
 Efficiency:0.00      Effi Level:A++ (EU 874-2012)      Photon Flux:33787.398umol/s (380-780nm)

**Ele. Parameters**

Forward Current:If=901.0mA      Reverse Voltage:Vr=5.00V  
 Forward Voltage:Vf=23.94V      Reverse Current:Ir=0.00uA  
 Power:P=21.601W

**Instrument state**

Instrument:Lisun LMS-8000      Integral Time: 56.447ms      VPeak: 13608  
 VDark: 1389      Scan Range: 380-780nm      Product ID: 201508924

# IES TM-30-2015 Test Report

**Product Mark**

Product Type : OR40s-F52-1208F2

Temperature : 'C

Operator : -

Remark :

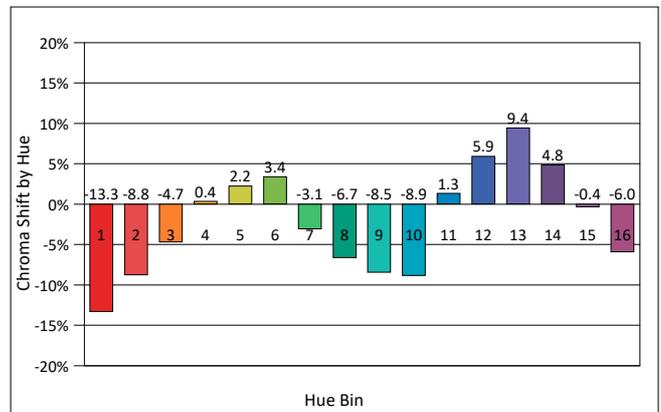
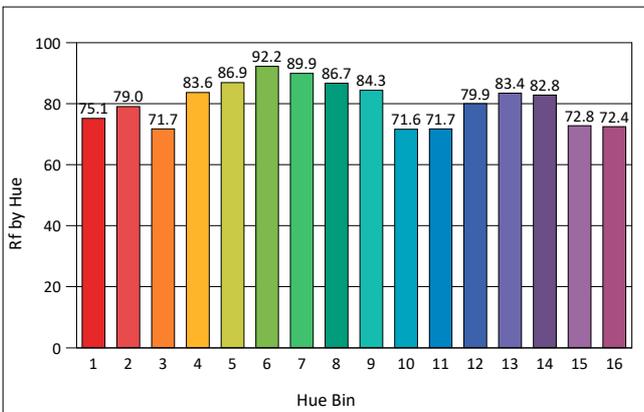
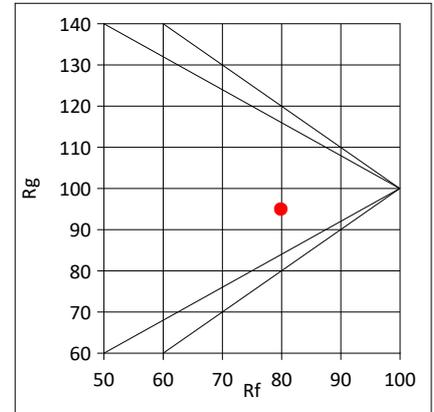
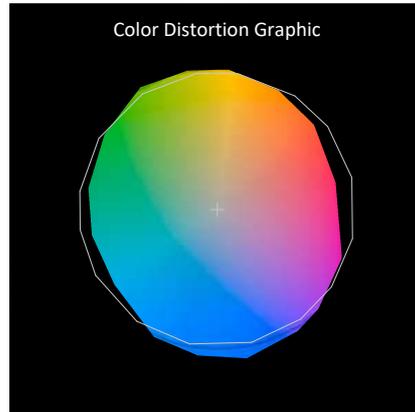
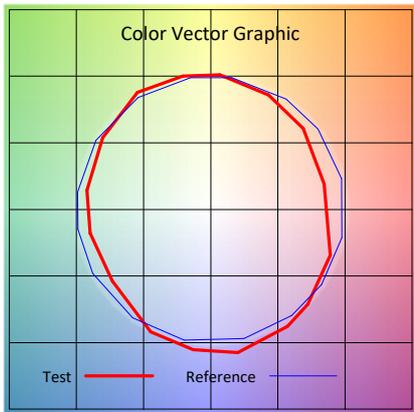
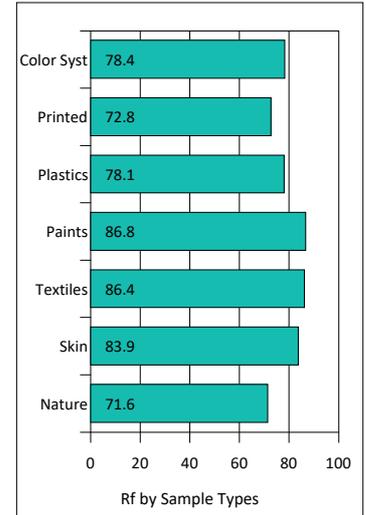
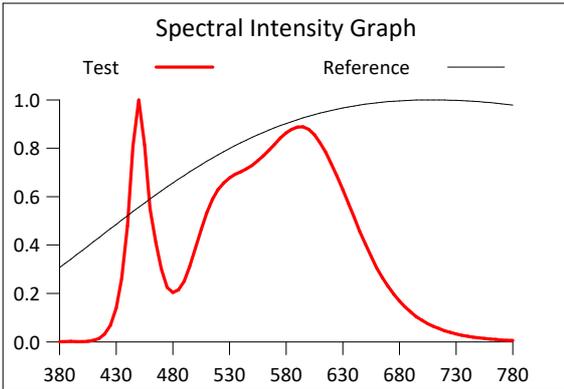
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 79.9      CCT(K): 4093      u': 0.2215  
 Rg: 94.9      LER: 342.7      Duv: 0.0033      v': 0.3360

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	75.1	-13.3%	-1.6%
2	79.0	-8.8%	6.3%
3	71.7	-4.7%	12.8%
4	83.6	0.4%	9.0%
5	86.9	2.2%	5.3%
6	92.2	3.4%	-1.7%
7	89.9	-3.1%	-4.6%
8	86.7	-6.7%	-2.5%
9	84.3	-8.5%	4.6%
10	71.6	-8.9%	12.9%
11	71.7	1.3%	16.9%
12	79.9	5.9%	8.2%
13	83.4	9.4%	-6.6%
14	82.8	4.8%	-7.1%
15	72.8	-0.4%	-18.2%
16	72.4	-6.0%	-14.7%



# IES TM-30-2015 Test Report

**Product Mark**

Product Type : OR40s-F52-1208F2

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

