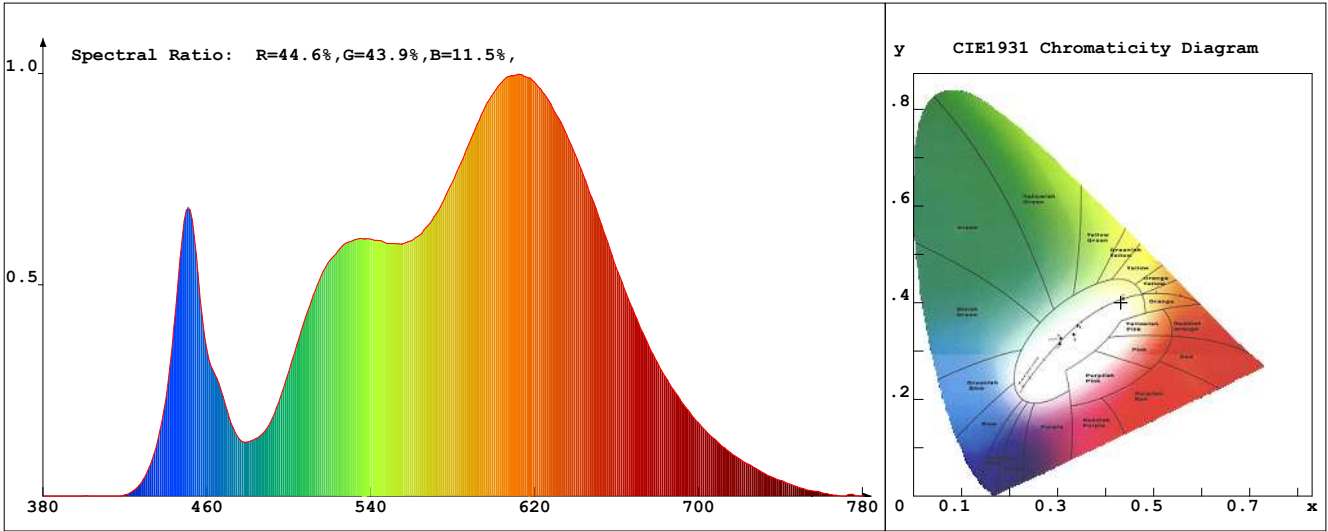


# LED Test Report

**Product Mark**

Product Type : OR300-F52-480R2-S1 50cm 5,2Manufacturer : -  
 Temperature : 'C Humidity : -%  
 Operator : - Test Date : 2024-12-04  
 Remark:



**Chroma Parameters**

Chro.Coor.:x=0.4314 y=0.4000 u=0.2487 v=0.3460 duv=-0.0008  
 CCT: 3063K Dominant Wave.:582.9nm Purity:49.5% Centre Wave:587.6nm  
 Flux RGB Ratio:R=23.2%,G=75.3%,B=1.5% Peak Wave:611.6nm Half Width:149.1nm

**Rendering Index:Ra= 90.7 CRI= 87.5**

R1 =92	R2 =94	R3 =95	R4 =93	R5 =92	R6 =94	R7 =90	R8 =76
R9 =41	R10=85	R11=94	R12=76	R13=93	R14=96	R15=85	
PPF:7.315umol/s (400-700nm)			PRF:1.5mW (400-700nm)			PAR:1.3mW (400-700nm)	

**Photo Parameters**

Flux:511.86lm Effi.:98.2lm/W Radiant:1553.8mW Iv:0.0mcd  
 Scotopic Flux:717.4Plm Effi.:0.0Plm/W S/P:1.4  
 Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:7562.100umol/s (380-780nm)

**Ele. Parameters**

Forward Current:If=214.0mA Reverse Voltage:Vr=5.00V  
 Forward Voltage:Vf=24.35V Reverse Current:Ir=0.00uA  
 Power:P=5.231W

**Instrument state**

Instrument:Lisun Integral Time: 386.407ms VPeak: 16040  
 VDark: 1364 Scan Range: 380-780nm Product ID: 201508924

# IES TM-30-2015 Test Report

**Product Mark**

Product Type : OR300-F52-480R2-S1 50cm 5,2Manufacturer : -

Temperature : 'C

Humidity : -%

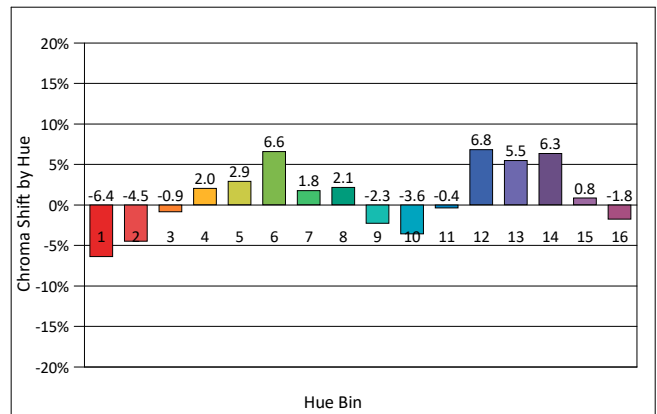
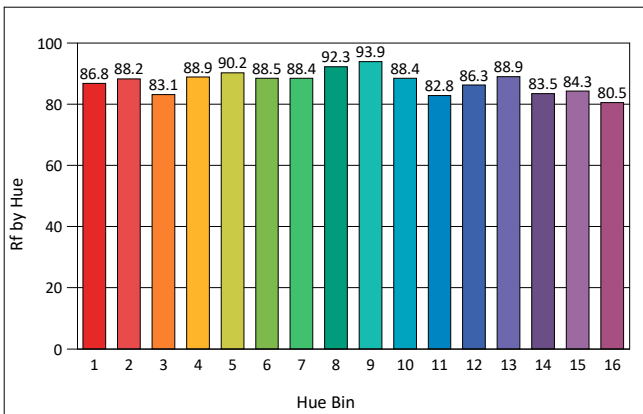
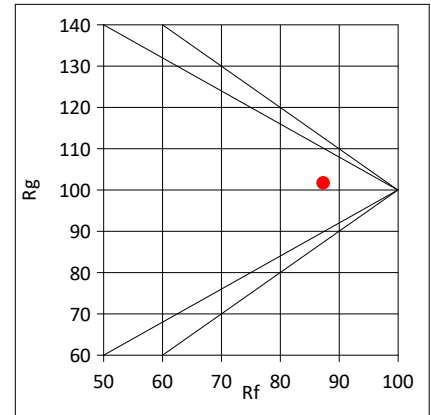
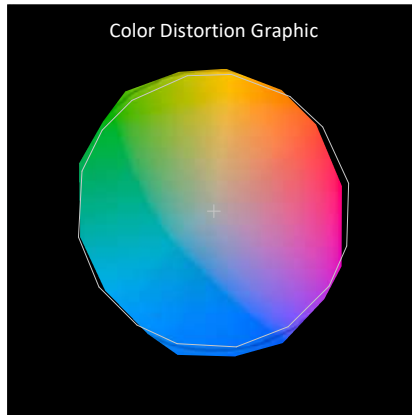
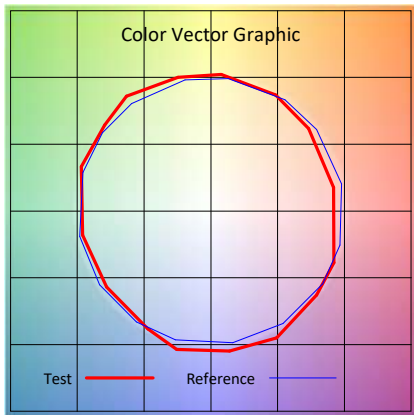
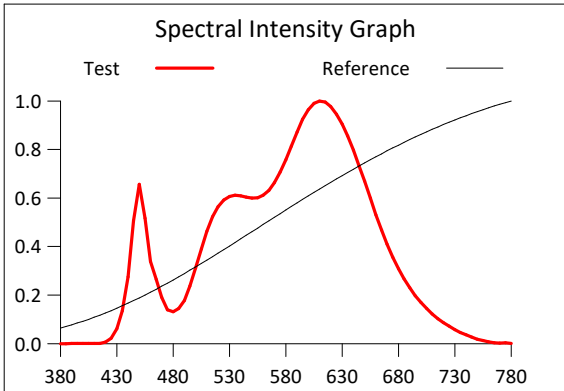
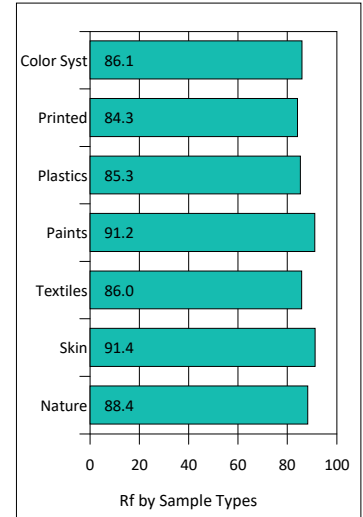
Operator : -

Test Date : 2024-12-04

Remark :

Rf: 87.3 CCT(K): 3063 u': 0.2487  
 Rg: 101.7 LER: 319.8 Duv: -0.0008 v': 0.3460

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.8	-6.4%	-1.4%
2	88.2	-4.5%	4.0%
3	83.1	-0.9%	7.8%
4	88.9	2.0%	5.8%
5	90.2	2.9%	4.9%
6	88.5	6.6%	0.2%
7	88.4	1.8%	-5.6%
8	92.3	2.1%	-3.9%
9	93.9	-2.3%	-0.5%
10	88.4	-3.6%	4.3%
11	82.8	-0.4%	10.0%
12	86.3	6.8%	2.4%
13	88.9	5.5%	-3.6%
14	83.5	6.3%	-10.1%
15	84.3	0.8%	-9.3%
16	80.5	-1.8%	-13.9%



# IES TM-30-2015 Test Report

**Product Mark**

Product Type : OR300-F52-480OR2-S1 50cm 5,200K Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2024-12-04

Remark :

