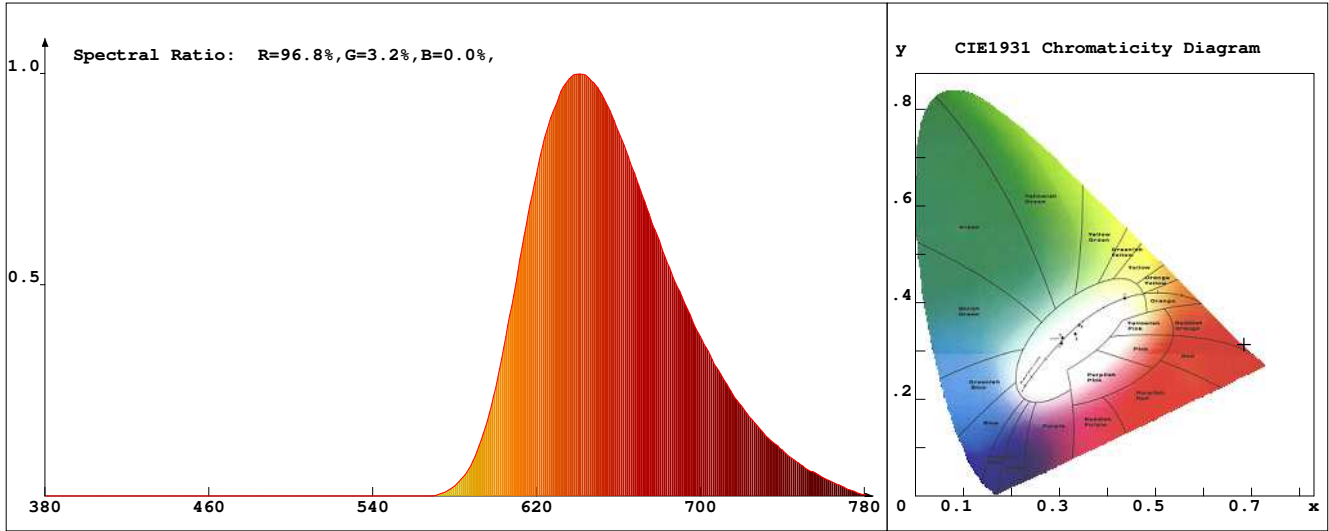


LED Test Report

Product Mark

Product Type : ORRED-FA2-480OR2-S1
 Temperature : 'C
 Operator : -
 Remark :

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



Chroma Parameters

Chro.Coor.:x=0.6843 y=0.3139 u=0.5070 v=0.3489 duv=-0.0007
 CCT: 1260K Dominant Wave.:617.5nm Purity:99.5% Centre Wave:648.1nm
 Flux RGB Ratio:R=86.8%,G=13.2%,B=0.0% Peak Wave:638.6nm Half Width:78.7nm

Rendering Index:Ra= 14.3 CRI= 54.3

R1 =-5	R2 =69	R3 =25	R4 =-46	R5 =-19	R6 =35	R7 =55	R8 =2
R9 =-142	R10=66	R11=-67	R12=23	R13=14	R14=48	R15=-6	
PPF:11.519umol/s (400-700nm)			PRF:2.1mW (400-700nm)			PAR:2.0mW (400-700nm)	

Photo Parameters

Flux:277.74lm Effi.:25.2lm/W Radiant:2424.7mW Iv:0.0mcd
 Scotopic Flux:18.9Plm Effi.:0.0Plm/W S/P:0.1
 Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:13289.900umol/s (380-780nm)

Ele. Parameters

Forward Current:If=454.0mA Reverse Voltage:Vr=5.00V
 Forward Voltage:Vf=24.24V Reverse Current:Ir=0.00uA
 Power:P=11.011W

Instrument state

Instrument:Lisun LMS-8000 Integral Time: 108.497ms VPeak: 14904
 VDark: 1274 Scan Range: 380-780nm Product ID: 201508924

IES TM-30-2015 Test Report

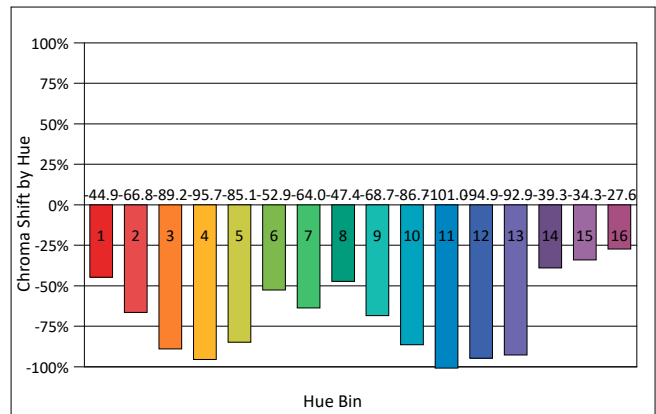
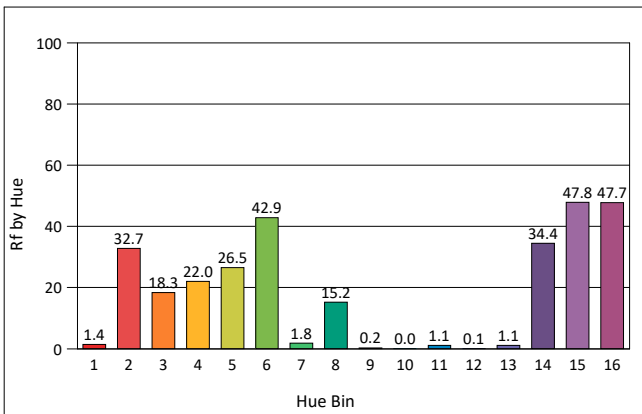
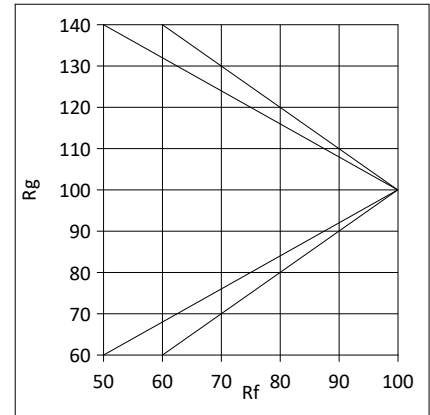
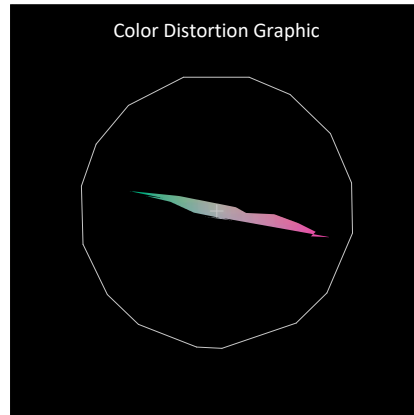
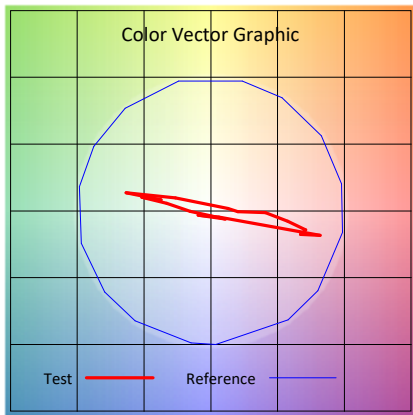
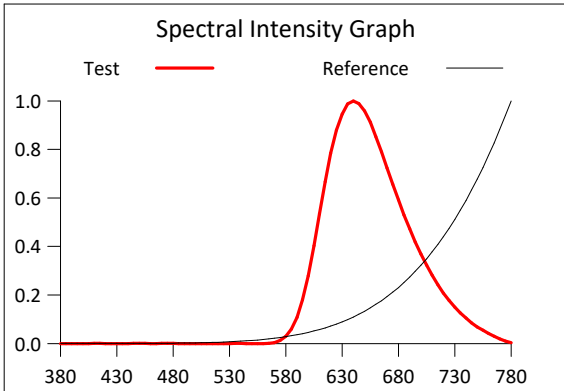
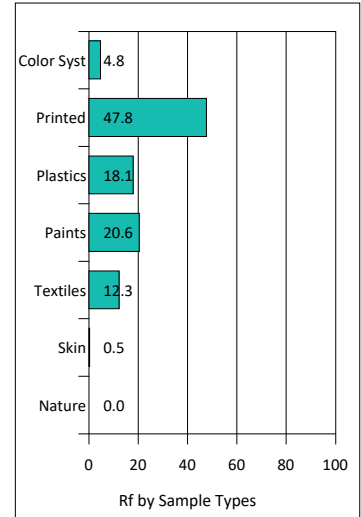
Product Mark

Product Type : ORRED-FA2-480OR2-S1
 Temperature : 'C
 Operator : -
 Remark :

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

Rf: 8.7 CCT(K): 1260 u': 0.5070
 Rg: 1.9 LER: 117.9 Duv: -0.0007 v': 0.3489

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	1.4	-44.9%	-19.8%
2	32.7	-66.8%	-24.5%
3	18.3	-89.2%	-19.8%
4	22.0	-95.7%	-8.0%
5	26.5	-85.1%	19.3%
6	42.9	-52.9%	34.6%
7	1.8	-64.0%	5.6%
8	15.2	-47.4%	-1.4%
9	0.2	-68.7%	-16.9%
10	0.0	-86.7%	-14.8%
11	1.1	-101.0%	13.9%
12	0.1	-94.9%	-13.5%
13	1.1	-92.9%	20.8%
14	34.4	-39.3%	55.0%
15	47.8	-34.3%	27.8%
16	47.7	-27.6%	-3.4%



IES TM-30-2015 Test Report

Product Mark

Product Type : ORRED-FA2-480R2-S1

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

