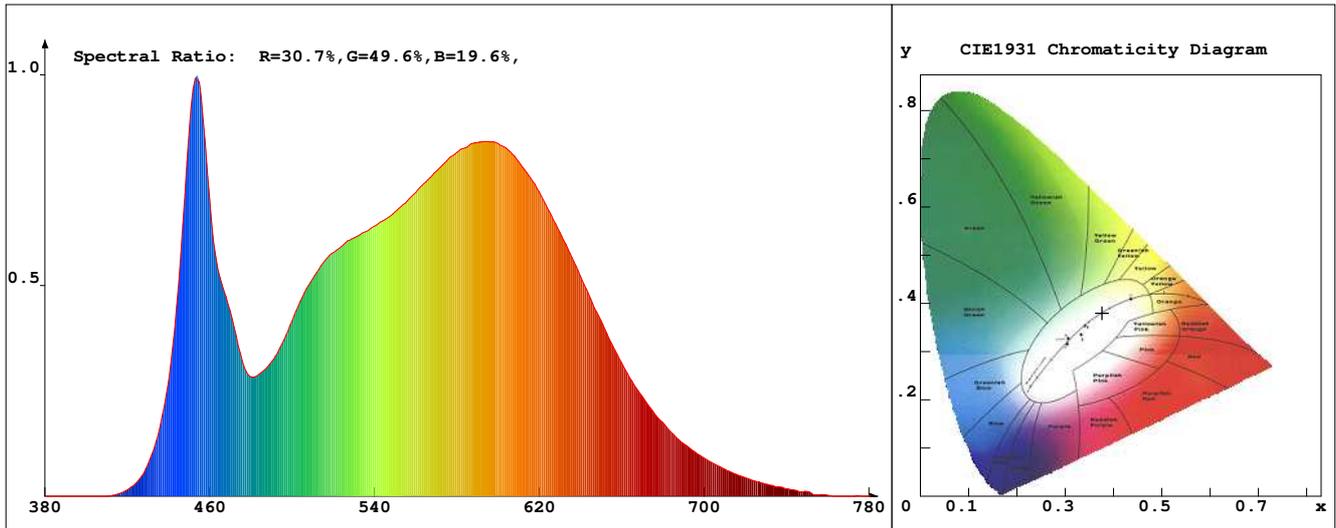


LED Test Report

Product Mark

Product Type : OR40s-F52-240DZ2-S1
 Temperature : 'C
 Operator : -
 Remark :

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



Chroma Parameters

Chro.Coor.:x=0.3763 y=0.3796 u=0.2212 v=0.3348 duv=0.0026
 CCT: 4137K Dominant Wave.:577.1nm Purity:26.9% Centre Wave:454.5nm
 Flux RGB Ratio:R=17.0%,G=80.3%,B=2.7% Peak Wave:452.8nm Half Width:21.3nm

Rendering Index:Ra= 82.9 CRI= 79.0

R1 =81	R2 =90	R3 =96	R4 =81	R5 =81	R6 =87	R7 =85	R8 =63
R9 =4	R10=76	R11=80	R12=60	R13=83	R14=98	R15=74	
PPF: 30.401umol/s (400-700nm)			PRF: 6.5mW (400-700nm)			PAR: 5.6mW (400-700nm)	

Photo Parameters

Flux:2344.72lm Effi.:117.3lm/W Radiant:6608.1mW Iv:0.0mcd
 Scotopic Flux:4093.5Plm Effi.:0.0Plm/W S/P:1.7
 Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:30941.199umol/s (380-780nm)

Ele. Parameters

Forward Current:If=833.0mA Reverse Voltage:Vr=5.00V
 Forward Voltage:Vf=24.00V Reverse Current:Ir=0.00uA
 Power:P=20.001W

Instrument state

Instrument:Lisun LMS-8000 Integral Time: 60.590ms VPeak: 13432
 VDark: 1358 Scan Range: 380-780nm Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : OR40s-F52-240DZ2-S1

Temperature : 'C

Operator : -

Remark :

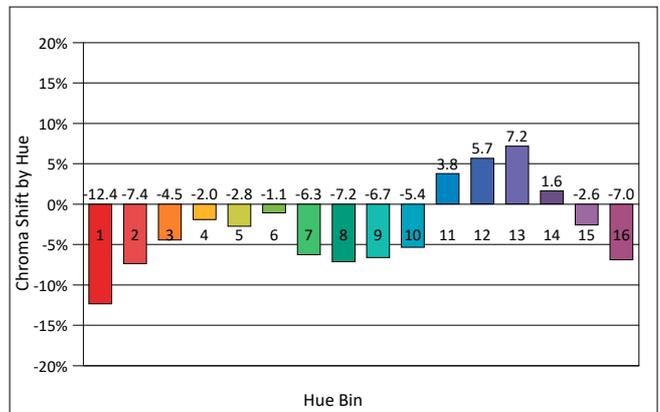
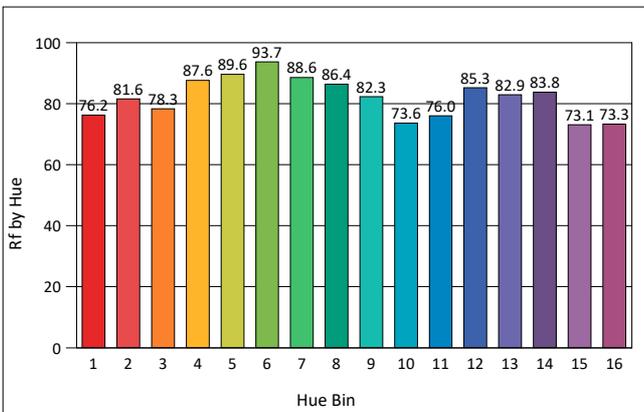
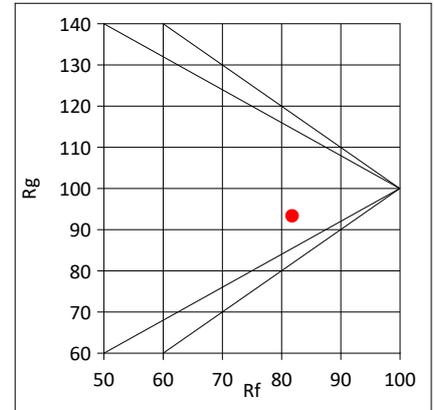
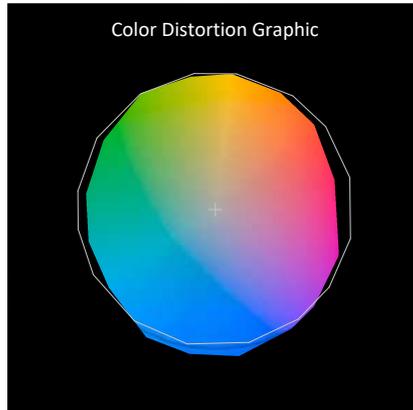
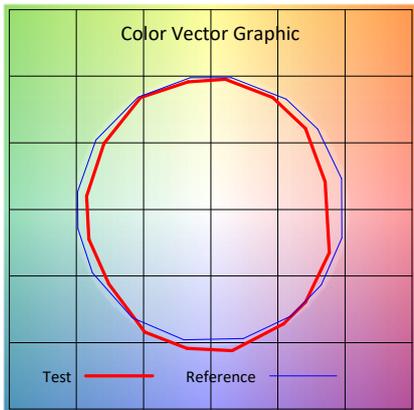
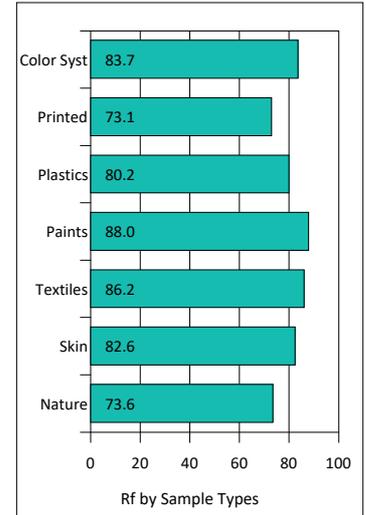
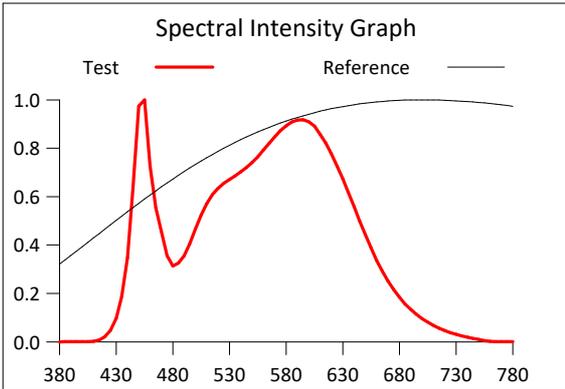
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 81.8 CCT(K): 4137 u': 0.2212
 Rg: 93.3 LER: 336.5 Duv: 0.0026 v': 0.3348

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	76.2	-12.4%	0.1%
2	81.6	-7.4%	5.5%
3	78.3	-4.5%	9.2%
4	87.6	-2.0%	4.5%
5	89.6	-2.8%	2.2%
6	93.7	-1.1%	-1.6%
7	88.6	-6.3%	-1.2%
8	86.4	-7.2%	2.0%
9	82.3	-6.7%	9.3%
10	73.6	-5.4%	13.7%
11	76.0	3.8%	13.8%
12	85.3	5.7%	3.5%
13	82.9	7.2%	-10.0%
14	83.8	1.6%	-8.1%
15	73.1	-2.6%	-17.4%
16	73.3	-7.0%	-12.7%



IES TM-30-2015 Test Report

Product Mark

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Manufacturer : -

Temperature : 'C

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Remark :

