

LED Test Report

Product Mark

Product Type : N4S1-300-1808Z2-5F

Manufacturer : -

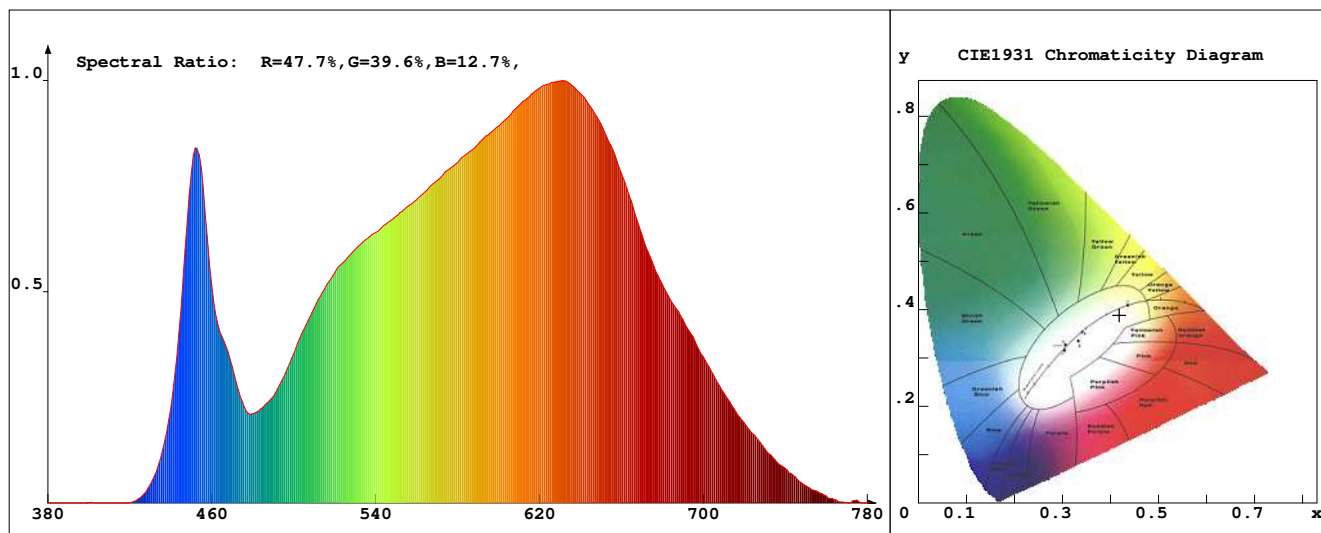
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-12-18

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4186$ $y=0.3884$ $u=0.2454$ $v=0.3415$ $duv=-0.0037$

CCT: 3203K Dominant Wave.: 583.5nm Purity: 42.2% Centre Wave: 597.1nm

Flux RGB Ratio: $R=22.6\%$, $G=75.5\%$, $B=2.0\%$ Peak Wave: 629.6nm Half Width: 166.5nm

Rendering Index: $R_a=93.6$ CRI= 91.2

R1 =95	R2 =96	R3 =95	R4 =93	R5 =94	R6 =94	R7 =95	R8 =88
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R9 =72	R10=89	R11=93	R12=76	R13=95	R14=96	R15=94	
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PPF: 3.299 $\mu\text{mol/s}$ (400-700nm)

PRF: 0.7mW (400-700nm)

PAR: 0.6mW (400-700nm)

Photo Parameters

Flux: 217.37lm Effi.: 23.5lm/W Radiant: 712.4mW Iv: 0.0mcd

Scotopic Flux: 324.4Plm Effi.: 0.0Plm/W S/P: 1.5

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 3500.120 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=385.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.02\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=9.270\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 728.921ms

VPeak: 13288

VDark: 1204

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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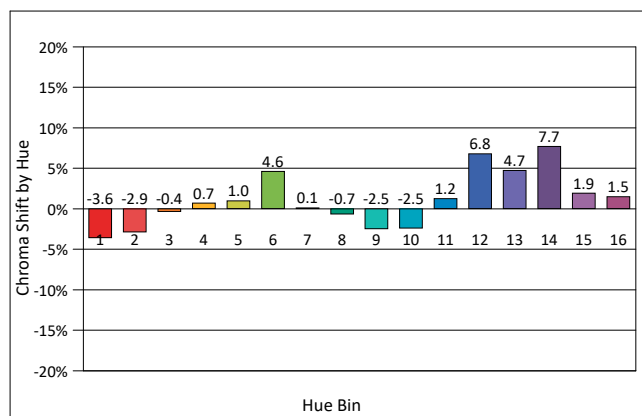
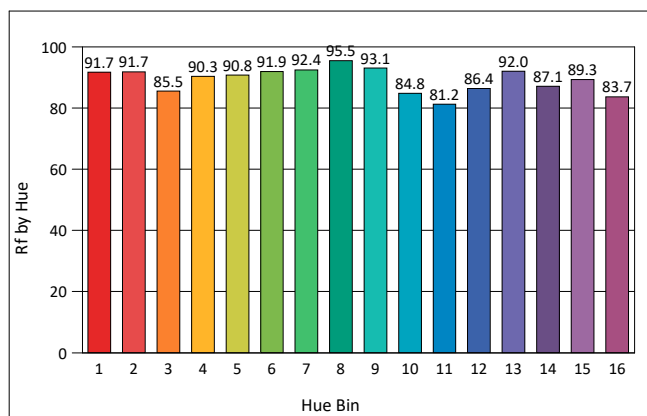
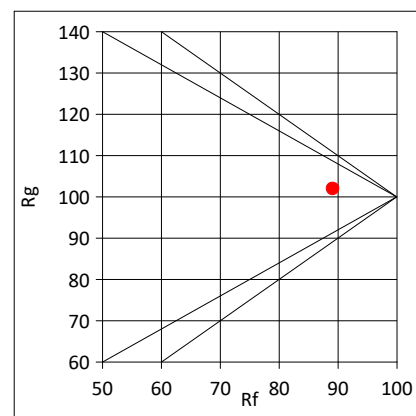
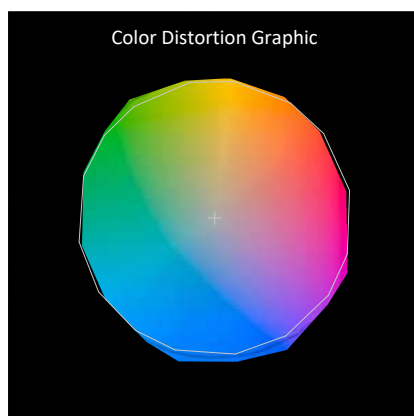
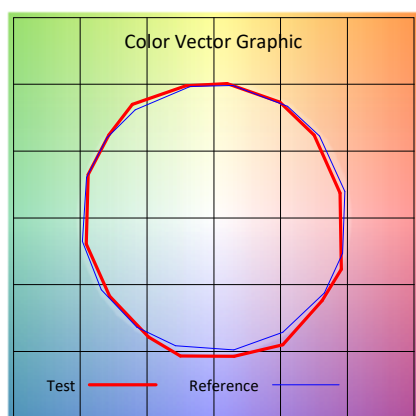
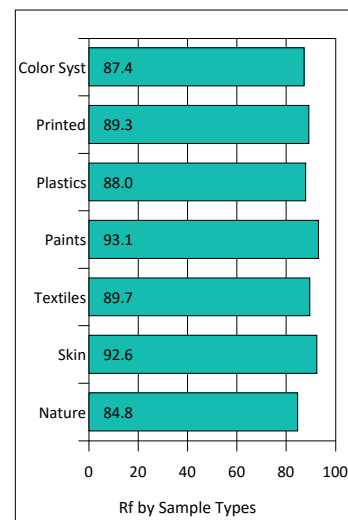
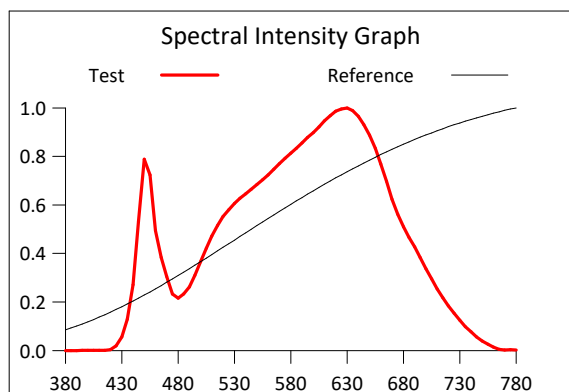
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Rf: 89.1 CCT(K): 3203 u': 0.2454
Rg: 102.0 LER: 288.9 Duv: -0.0037 v': 0.3415

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	91.7	-3.6%	-0.6%
2	91.7	-2.9%	2.8%
3	85.5	-0.4%	6.6%
4	90.3	0.7%	4.6%
5	90.8	1.0%	3.2%
6	91.9	4.6%	-0.4%
7	92.4	0.1%	-2.7%
8	95.5	-0.7%	-2.3%
9	93.1	-2.5%	2.6%
10	84.8	-2.5%	7.5%
11	81.2	1.2%	11.5%
12	86.4	6.8%	5.0%
13	92.0	4.7%	-0.8%
14	87.1	7.7%	-5.3%
15	89.3	1.9%	-5.8%
16	83.7	1.5%	-12.0%



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