

LED Test Report

Product Mark

Product Type : NE15RR-300-240812-5

Manufacturer : -

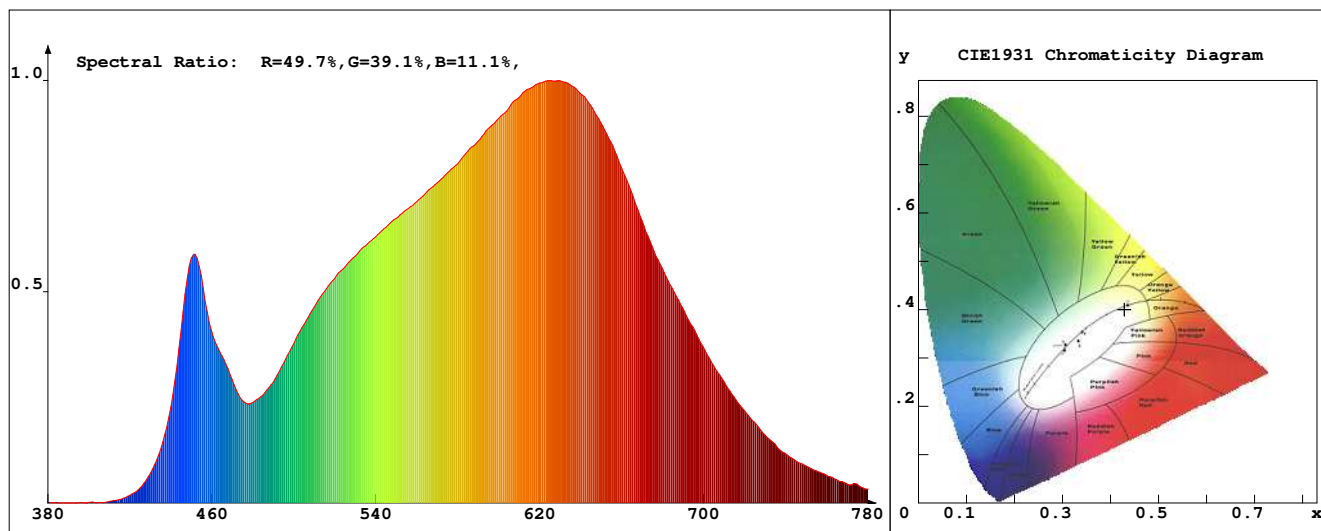
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-10-04

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4292$ $y=0.4001$ $u=0.2473$ $v=0.3458$ $duv=-0.0005$

CCT: 3102K Dominant Wave.: 582.6nm Purity: 48.9% Centre Wave: 599.6nm

Flux RGB Ratio: $R=22.9\%$, $G=75.2\%$, $B=1.9\%$ Peak Wave: 622.6nm Half Width: 169.5nm

Rendering Index: $R_a=93.4$ CRI= 91.0

$R_1=94$	$R_2=96$	$R_3=96$	$R_4=94$	$R_5=93$	$R_6=94$	$R_7=94$	$R_8=86$
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$R_9=68$	$R_{10}=89$	$R_{11}=94$	$R_{12}=80$	$R_{13}=94$	$R_{14}=97$	$R_{15}=91$
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PPF: 18.366 $\mu\text{mol/s}$ (400–700nm)

PRF: 3.8mW (400–700nm)

PAR: 3.3mW (400–700nm)

Photo Parameters

Flux: 1175.56lm Effi.: 56.2lm/W Radiant: 4014.3mW Iv: 0.0mcd

Scotopic Flux: 1707.7Plm Effi.: 0.0Plm/W S/P: 1.5

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 19892.801 $\mu\text{mol/s}$ (380–780nm)

Ele. Parameters

Forward Current: $I_f=871.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.00\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=20.921\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 133.844ms

VPeak: 13416

VDark: 1095

Scan Range: 380–780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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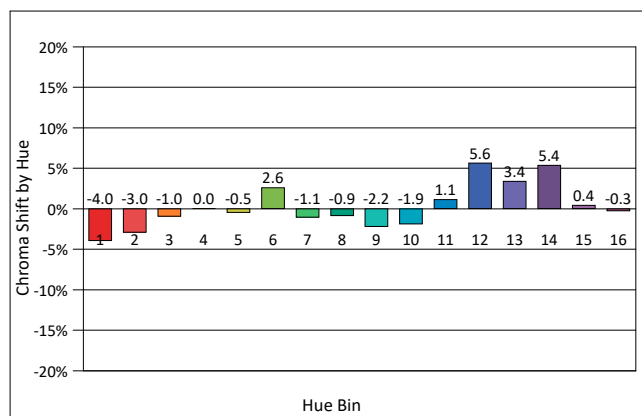
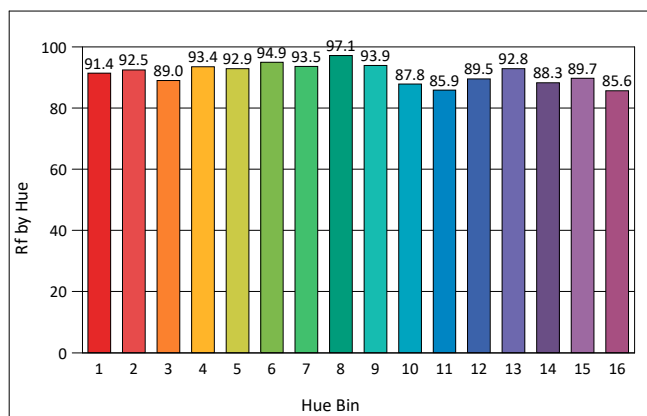
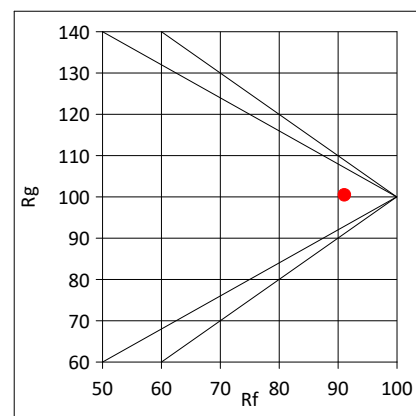
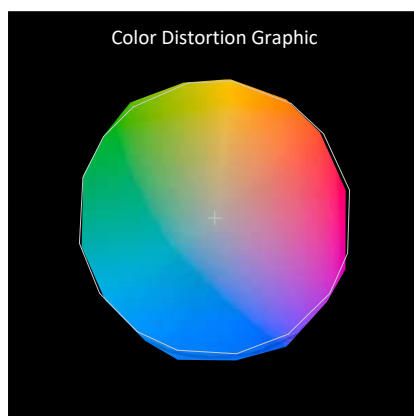
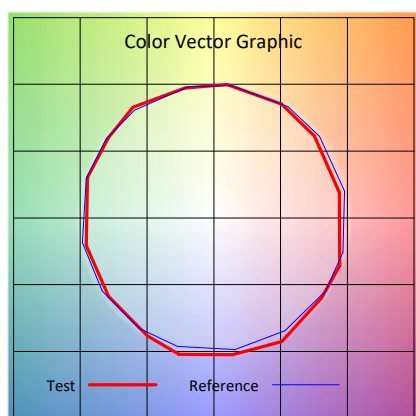
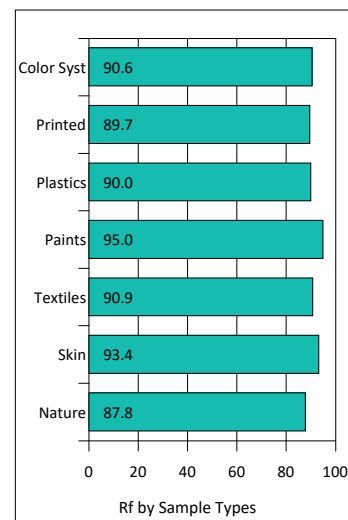
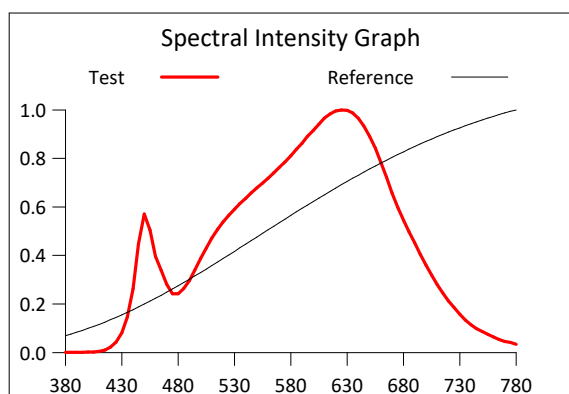
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Rf: 91.1 CCT(K): 3102 u': 0.2473
Rg: 100.4 LER: 285.0 Duv: -0.0005 v': 0.3458

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	91.4	-4.0%	-0.5%
2	92.5	-3.0%	2.3%
3	89.0	-1.0%	4.9%
4	93.4	0.0%	3.0%
5	92.9	-0.5%	2.5%
6	94.9	2.6%	-0.2%
7	93.5	-1.1%	-2.1%
8	97.1	-0.9%	-1.1%
9	93.9	-2.2%	2.5%
10	87.8	-1.9%	6.0%
11	85.9	1.1%	8.7%
12	89.5	5.6%	2.3%
13	92.8	3.4%	-2.6%
14	88.3	5.4%	-6.5%
15	89.7	0.4%	-5.8%
16	85.6	-0.3%	-10.4%



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