

LED Test Report

Product Mark

Product Type : M52-300-240D22

Manufacturer :

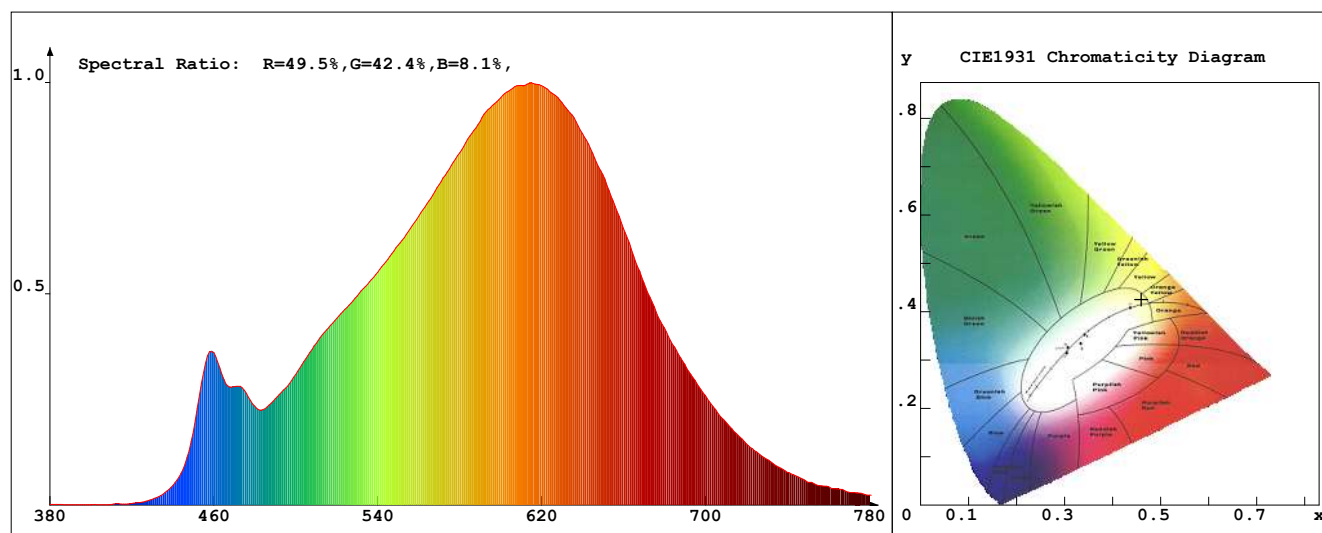
Temperature : 'C

Humidity : %

Operator :

Test Date : 13-04-22 14:22:05

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4595$ $y=0.4252$ $u=0.2559$ $v=0.3551$ $duv=0.0054$

CCT: 2816K Dominant Wave.: 582.0nm Purity: 65.6% Centre Wave: 600.6nm

Flux RGB Ratio: $R=23.5\%$, $G=74.9\%$, $B=1.6\%$ Peak Wave: 614.6nm Half Width: 140.9nm

Rendering Index: $R_a=86.5$ CRI= 83.1

$R_1=85$	$R_2=93$	$R_3=99$	$R_4=83$	$R_5=84$	$R_6=92$	$R_7=87$	$R_8=69$
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$R_9=31$	$R_{10}=83$	$R_{11}=82$	$R_{12}=71$	$R_{13}=87$	$R_{14}=99$	$R_{15}=78$	
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PPF: 22.272 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.5mW (400-700nm)

PAR: 4.0mW (400-700nm)

Photo Parameters

Flux: 1573.85lm Effi.: 90.9lm/W Radiant: 4762.7mW Iv: 0.0mcd

Scotopic Flux: 2010.2Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 23673.100 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=23.97\text{V}$ Current: $I=0.7220\text{A}$ Power: $P=17.320\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 94.941ms

VPeak: 13640

VDark: 1166

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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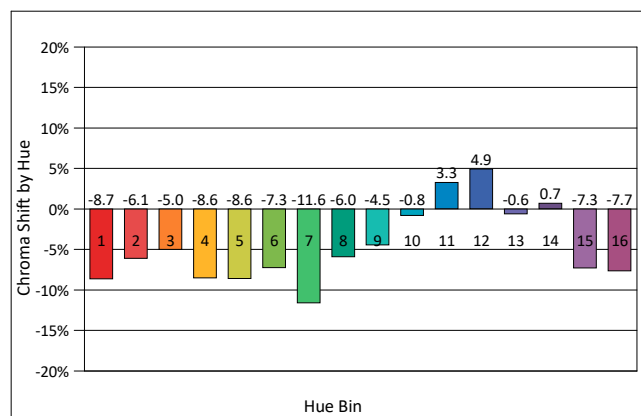
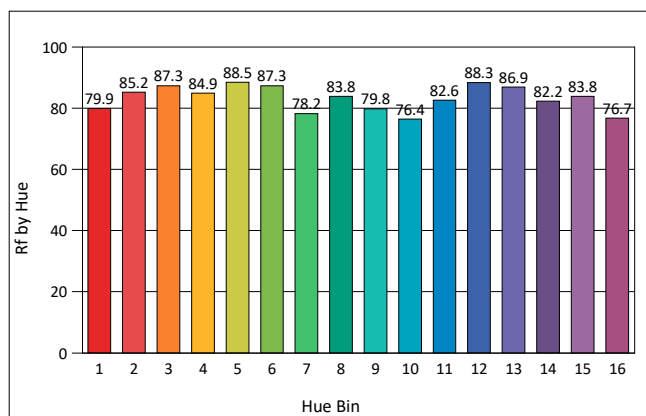
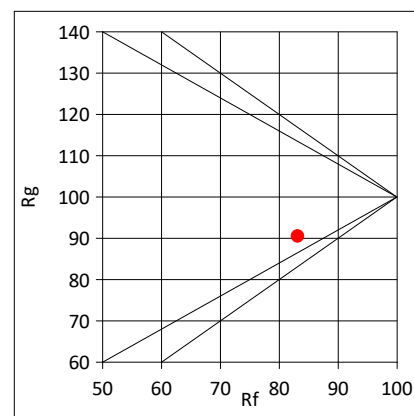
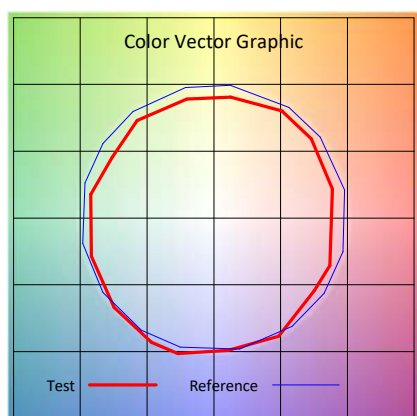
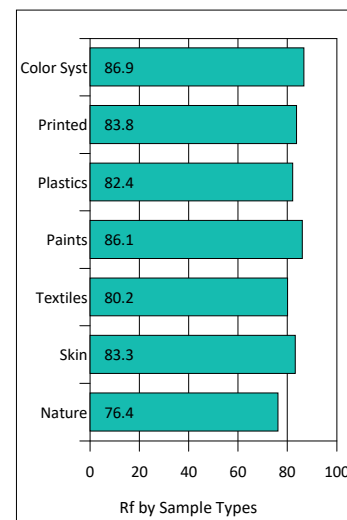
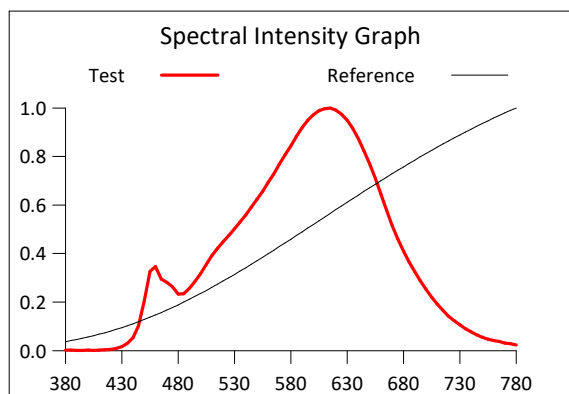
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Rf: 83.1 CCT(K): 2816 u': 0.2559
 Rg: 90.5 LER: 312.5 Duv: 0.0054 v': 0.3551

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	79.9	-8.7%	2.5%
2	85.2	-6.1%	2.7%
3	87.3	-5.0%	2.8%
4	84.9	-8.6%	-1.9%
5	88.5	-8.6%	0.9%
6	87.3	-7.3%	1.0%
7	78.2	-11.6%	4.9%
8	83.8	-6.0%	7.5%
9	79.8	-4.5%	10.7%
10	76.4	-0.8%	13.9%
11	82.6	3.3%	11.4%
12	88.3	4.9%	-0.9%
13	86.9	-0.6%	-8.7%
14	82.2	0.7%	-12.5%
15	83.8	-7.3%	-2.5%
16	76.7	-7.7%	-12.2%



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