

LED Test Report

Product Mark

Product Type : M52-400-240D22 17.3W

Manufacturer :

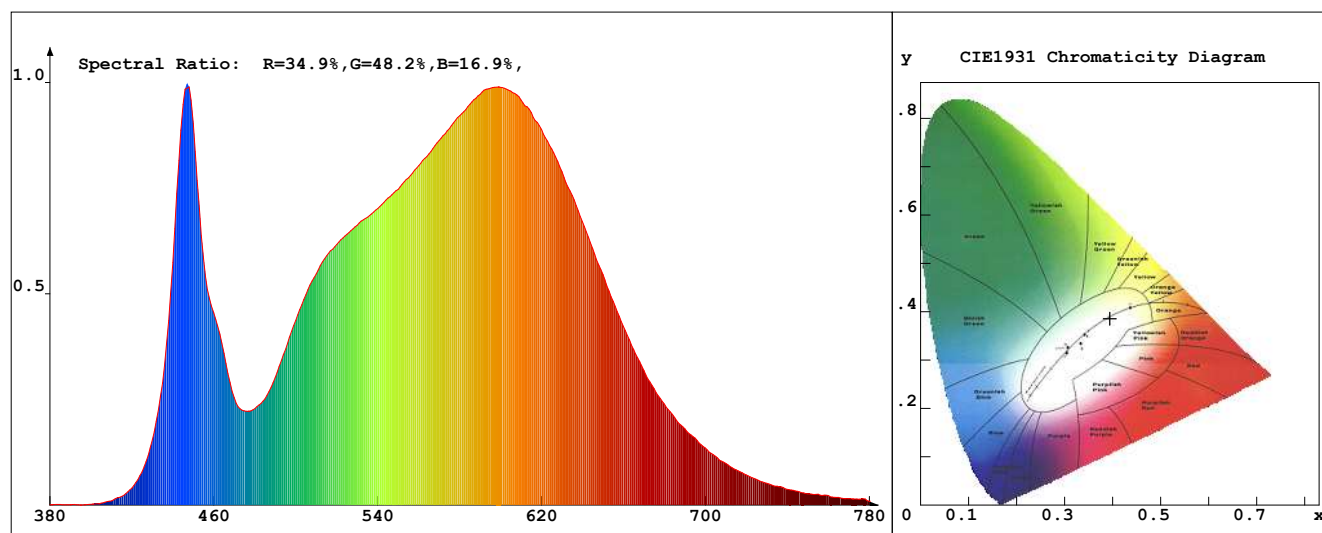
Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 00:13:44

Remark:



Chroma Parameters

Chro.Coord.: $x=0.3942$ $y=0.3857$ $u=0.2305$ $v=0.3383$ $duv=0.0004$

CCT: 3715K Dominant Wave.: 579.9nm Purity: 34.1% Centre Wave: 447.1nm

Flux RGB Ratio: $R=18.6\%$, $G=79.4\%$, $B=2.0\%$ Peak Wave: 445.6nm Half Width: 18.1nm

Rendering Index: $R_a=83.0$ CRI= 79.3

$R_1=81$	$R_2=88$	$R_3=94$	$R_4=83$	$R_5=82$	$R_6=85$	$R_7=86$	$R_8=65$
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$R_9=10$	$R_{10}=73$	$R_{11}=83$	$R_{12}=67$	$R_{13}=83$	$R_{14}=97$	$R_{15}=75$	
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PPF: 23.718 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.0mW (400-700nm)

PAR: 4.4mW (400-700nm)

Photo Parameters

Flux: 1767.99lm Effi.: 102.3lm/W Radiant: 5152.8mW Iv: 0.0mcd

Scotopic Flux: 2793.4Plm Effi.: 0.0Plm/W S/P: 1.6

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 24428.301 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=24.25\text{V}$ Current: $I=0.7130\text{A}$ Power: $P=17.311\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 96.319ms

VPeak: 15512

VDark: 1227

Scan Range: 380-780nm

Product ID: 201508924

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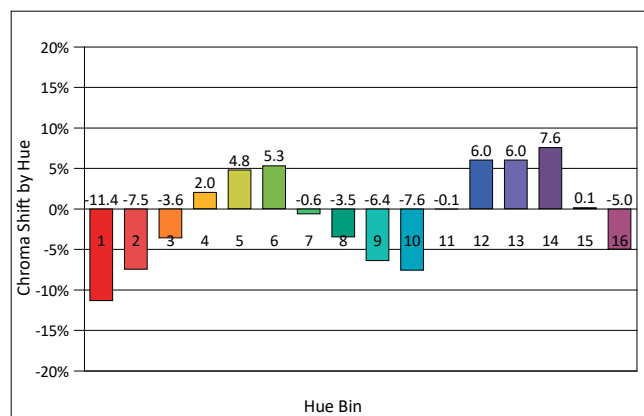
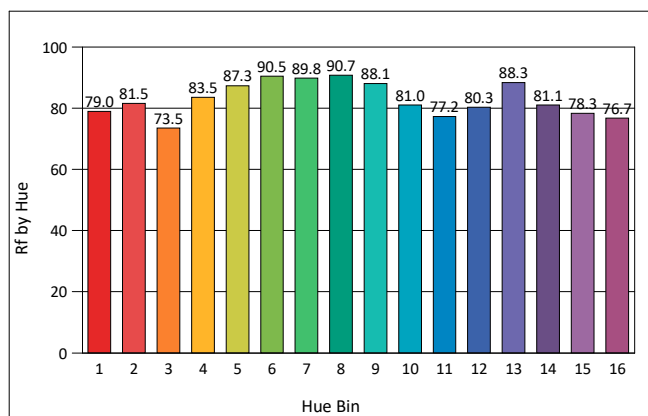
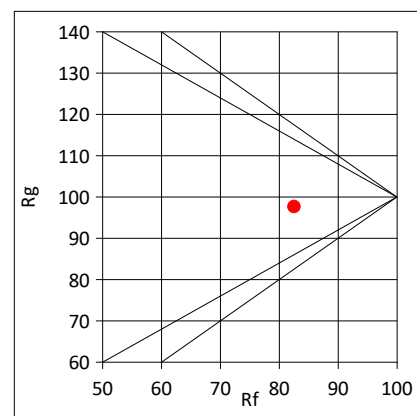
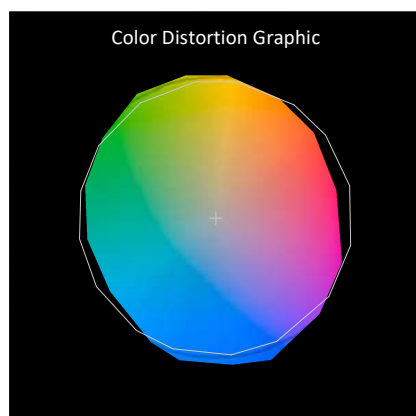
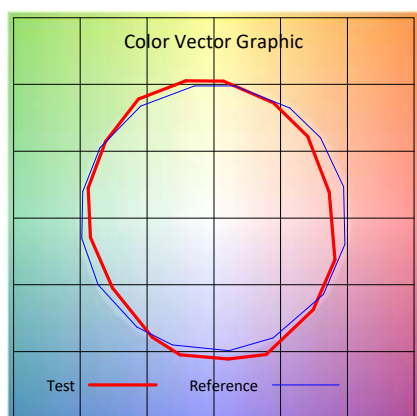
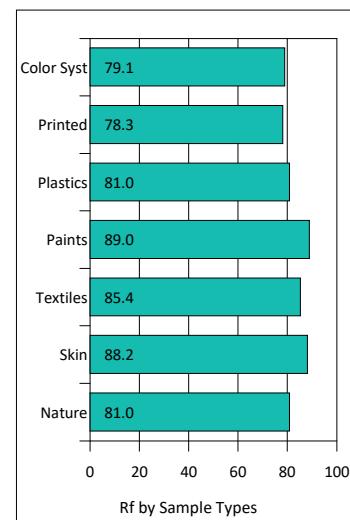
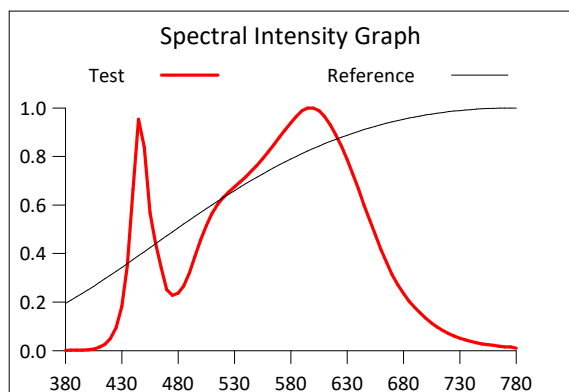
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Rf: 82.5 CCT(K): 3715 u': 0.2305
Rg: 97.6 LER: 331.6 Duv: 0.0004 v': 0.3383

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	79.0	-11.4%	-1.8%
2	81.5	-7.5%	6.0%
3	73.5	-3.6%	12.3%
4	83.5	2.0%	9.1%
5	87.3	4.8%	5.5%
6	90.5	5.3%	-1.6%
7	89.8	-0.6%	-6.0%
8	90.7	-3.5%	-3.4%
9	88.1	-6.4%	0.6%
10	81.0	-7.6%	7.9%
11	77.2	-0.1%	13.8%
12	80.3	6.0%	7.1%
13	88.3	6.0%	-1.8%
14	81.1	7.6%	-11.3%
15	78.3	0.1%	-13.9%
16	76.7	-5.0%	-12.5%



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