

LED Test Report

Product Mark

Product Type : F52-300-240CA2-W3 BIN WP4 LOManufacturer :

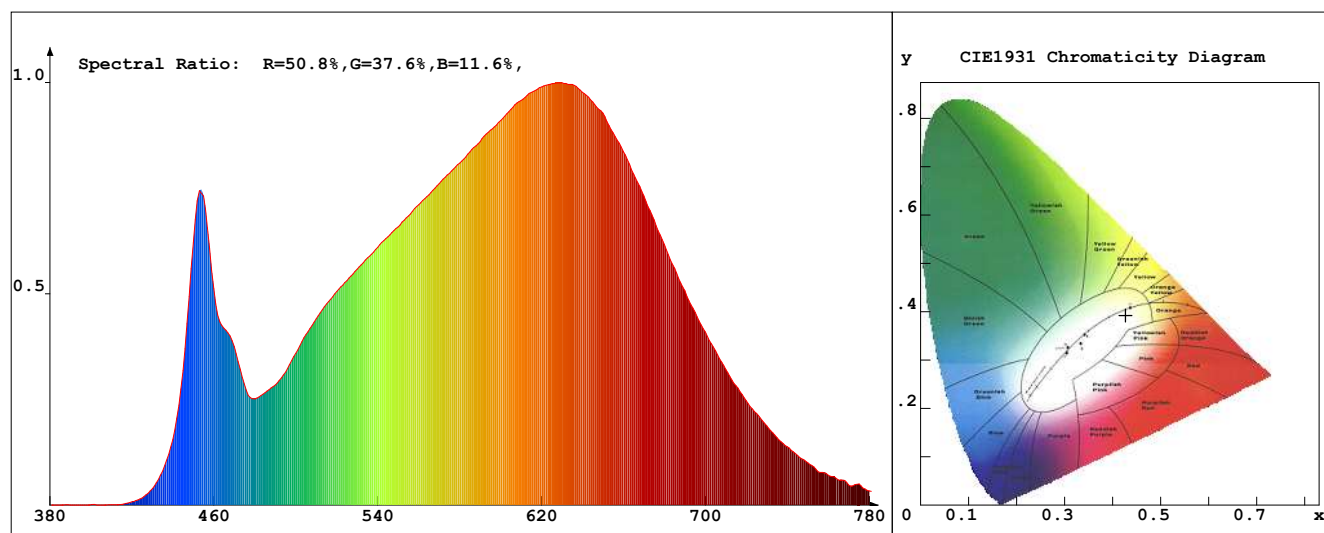
Temperature : 'C

Humidity : %

Operator :

Test Date : 31-01-23 01:48:10

Remark:



Chroma Parameters

Chro.Coord.:x=0.4271 y=0.3924 u=0.2492 v=0.3435 duv=-0.0033

CCT: 3075K Dominant Wave.:583.8nm Purity:46.0% Centre Wave:604.2nm

Flux RGB Ratio:R=23.2%,G=74.7%,B=2.1% Peak Wave:626.5nm Half Width:170.7nm

Rendering Index:Ra= 93.8 CRI= 91.7

R1 =94 R2 =97 R3 =97 R4 =93 R5 =94 R6 =95 R7 =93 R8 =86

R9 =71 R10=92 R11=93 R12=79 R13=95 R14=98 R15=93

PPF:6.719umol/s (400-700nm)

PRF:1.4mW (400-700nm)

PAR:1.2mW (400-700nm)

Photo Parameters

Flux:432.50lm Effi.:86.3lm/W Radiant:1475.9mW Iv:0.0mcd

Scotopic Flux:635.0Plm Effi.:0.0Plm/W S/P:1.5

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:7336.600umol/s (380-780nm)

Ele. Parameters

Voltage:U=23.98V

Current:I=0.2090A

Power:P=5.020W

Power Factor:PF=1.000

Instrument state

Instrument:Lisun

Integral Time: 337.897ms

VPeak: 13848

VDark: 1401

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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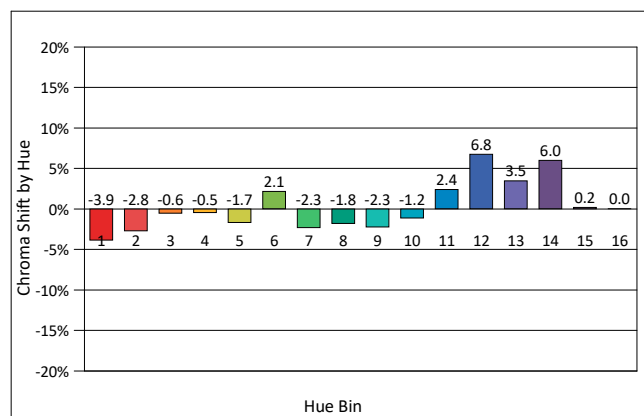
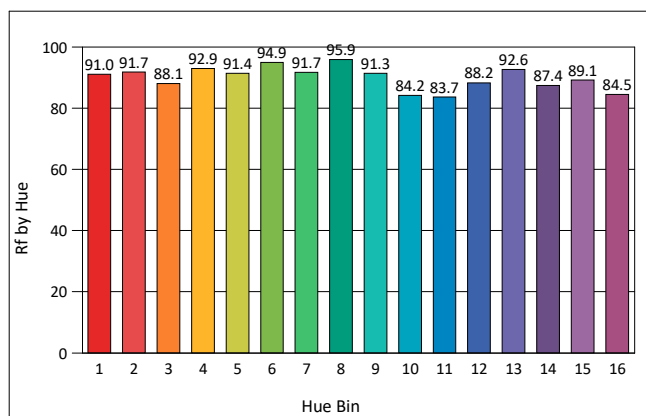
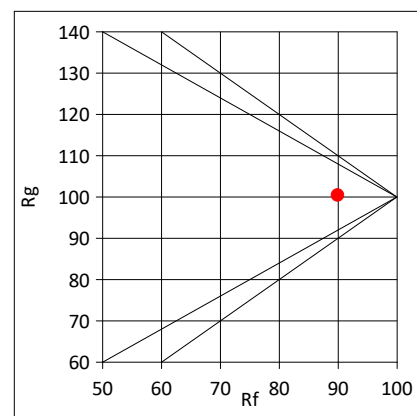
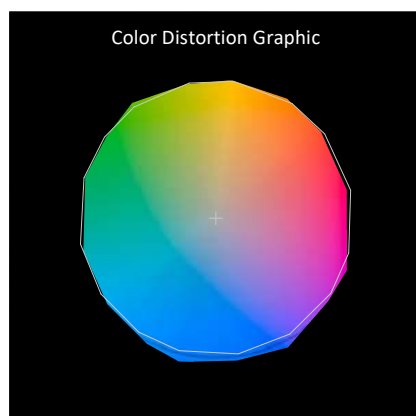
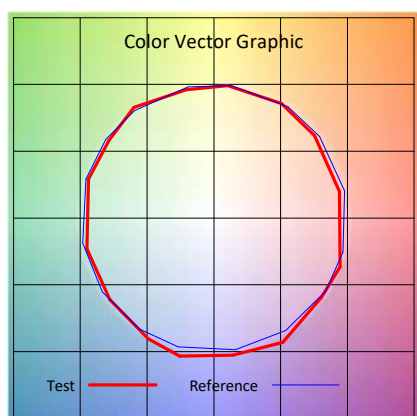
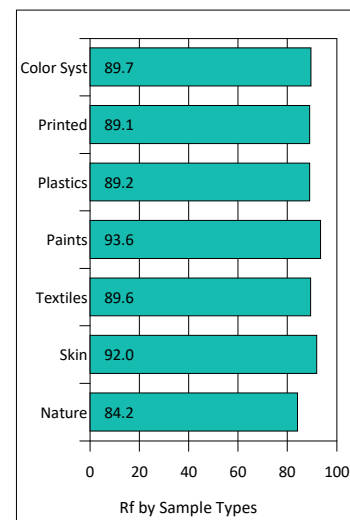
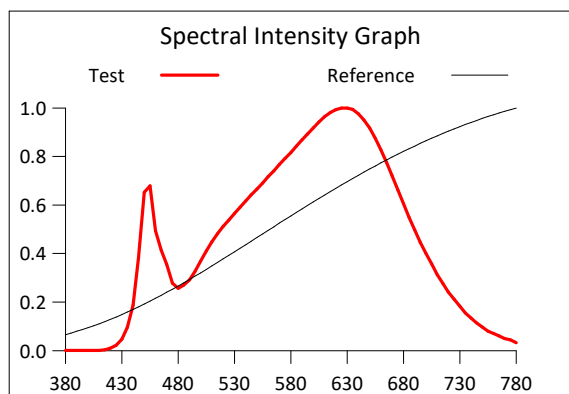
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Rf: 89.9 CCT(K): 3075 u': 0.2492
Rg: 100.4 LER: 276.3 Duv: -0.0033 v': 0.3435

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	91.0	-3.9%	0.4%
2	91.7	-2.8%	2.7%
3	88.1	-0.6%	5.3%
4	92.9	-0.5%	2.5%
5	91.4	-1.7%	1.9%
6	94.9	2.1%	-0.8%
7	91.7	-2.3%	-0.9%
8	95.9	-1.8%	-0.5%
9	91.3	-2.3%	4.7%
10	84.2	-1.2%	8.2%
11	83.7	2.4%	9.9%
12	88.2	6.8%	2.7%
13	92.6	3.5%	-2.9%
14	87.4	6.0%	-6.8%
15	89.1	0.2%	-5.5%
16	84.5	0.0%	-11.2%



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