

Luminaire test report

Product Mark

Product Type : Dynamic Ruban

Manufacturer : Lumen Warm Inc.

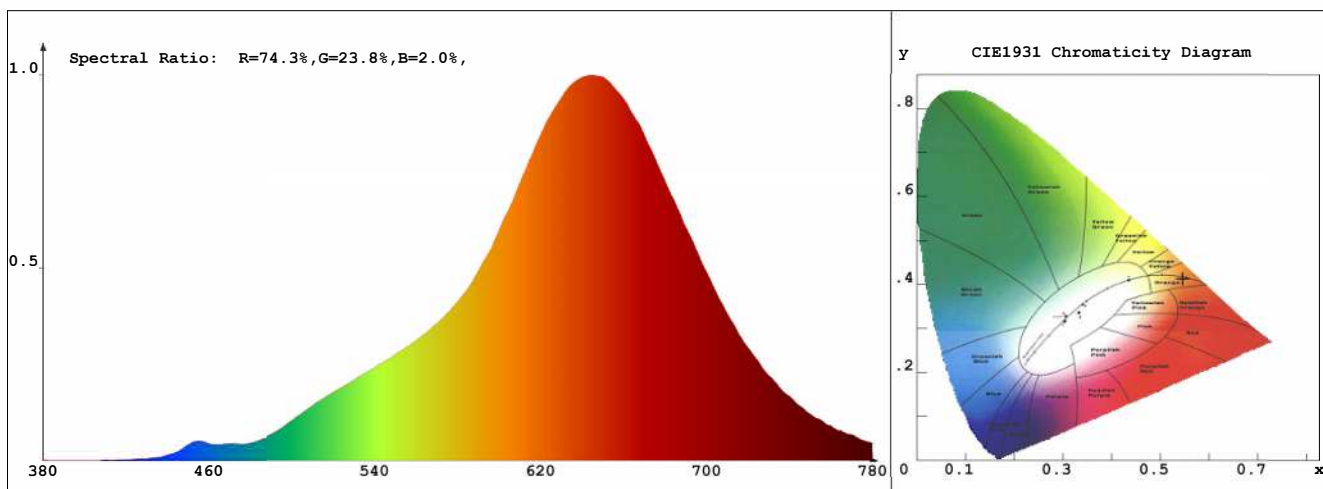
Temperature : 20'C

Humidity : 18%

Operator : NDR

Test Date : 2020-01-17

Remark: Test N.1A: no aluminum profile. Connection + -ww



Chroma Parameters

Chro.Coor.:x=0.5461 y=0.4128 u=0.3184 v=0.3610 duv=0.0010

CCT: 1848K Dominant Wave.:590.1nm Purity:87.8% Centre Wave:644.2nm

Flux RGB Ratio:R=36.9%,G=62.5%,B=0.6% Peak Wave:644.7nm Half Width:107.9nm

Rendering Index:Ra= 95.5 CRI= 94.3

R1 =99	R2 =99	R3 =96	R4 =96	R5 =97	R6 =93	R7 =94	R8 =90
R9 =81	R10=98	R11=91	R12=91	R13=99	R14=96	R15=94	

Fidelity Index (Rf)=94.0 Gamut Index (Rg)=97.4

Photo Parameters

Flux:656.25lm Effi.:58.0lm/W Radiant:2527.4mW Iv:0.0mcd
 Efficiency:0.21 Effi Level:A (EU 874-2012)

Ele. Parameters

Voltage:U=24.00V Current:I=0.4710A
 Power:P=11.280W Power Factor:PF=1.000

Instrument state

Instrument:Hopoo HP8000 Integral Time: 146.525ms VPeak: 14729
 VDark: 1317 Scan Range: 380-780nm Product ID: 201901623

IES TM-30-2015 Test Report

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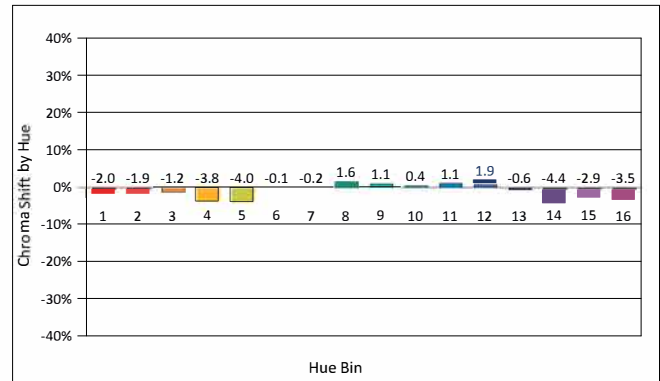
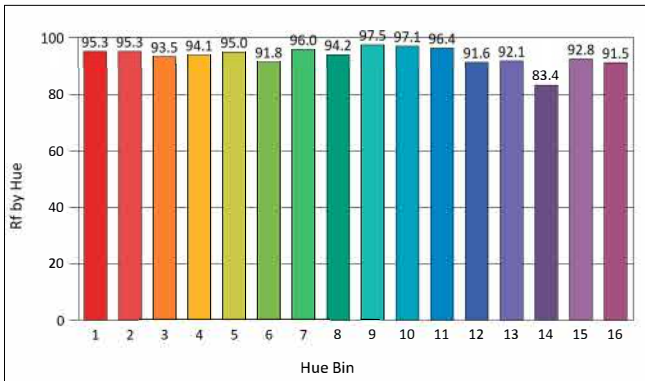
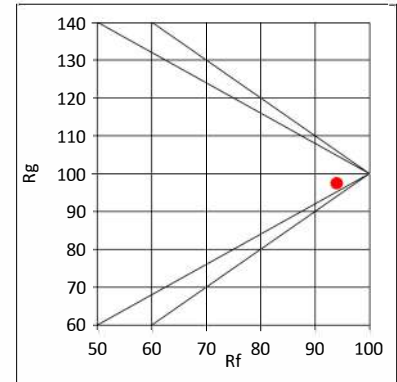
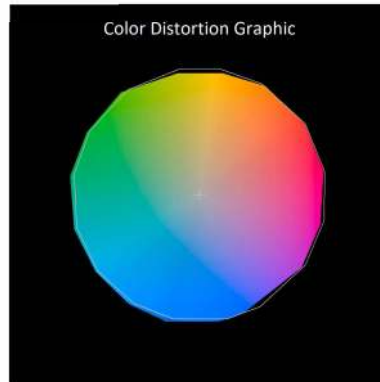
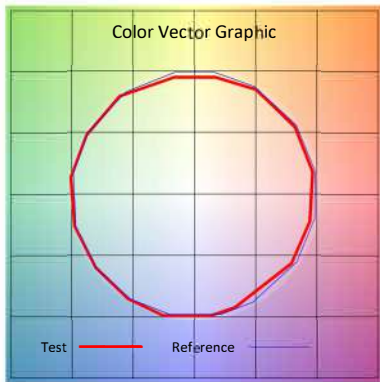
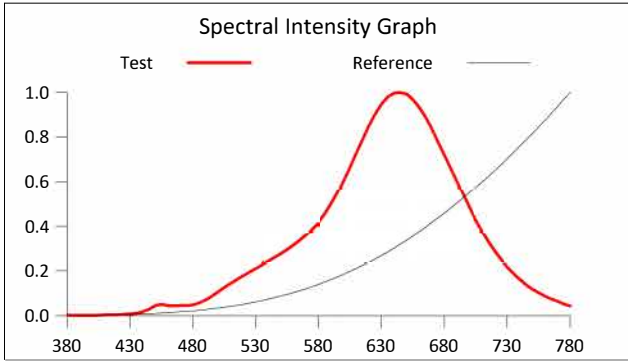
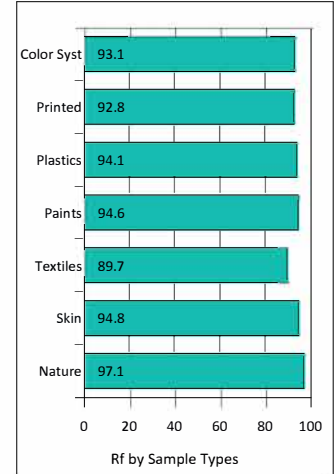
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Rf: 94.0 CCT(K): 1848 u': 0.3184
 Rg: 97.4 LER: 212.0 Duv: 0.0010 v': 0.3610

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	95.3	-2.0%	-0.0%
2	95.3	-1.9%	-0.5%
3	93.5	-1.2%	-2.9%
4	94.1	-3.8%	-1.7%
5	95.0	-4.0%	1.3%
6	91.8	-0.1%	5.9%
7	96.0	-0.2%	2.4%
8	94.2	1.6%	2.9%
9	97.5	1.1%	0.2%
10	97.1	0.4%	-0.7%
11	96.4	1.1%	-1.7%
12	91.6	1.9%	-4.9%
13	92.1	-0.6%	-8.1%
14	83.4	-4.4%	-14.2%
15	92.8	-2.9%	-3.5%
16	91.5	-3.5%	-2.9%



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