

Luminaire test report

Product Mark

Product Type : Dynamic Ruban

Manufacturer : Lumen Warm Inc.

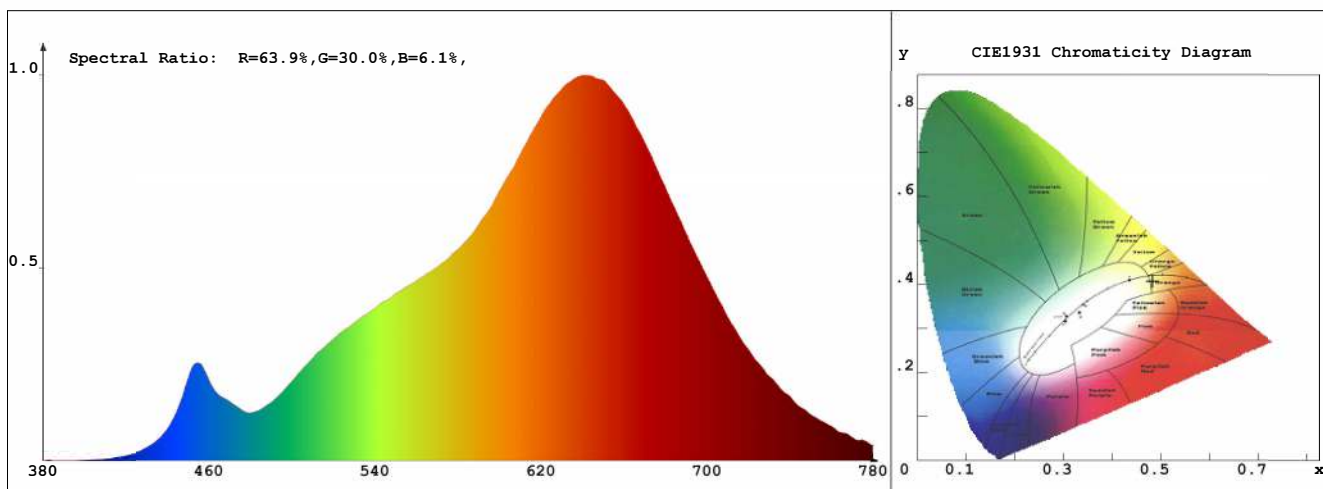
Temperature : 20'C

Humidity : 18%

Operator : NDR

Test Date : 2020-01-17

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



Chroma Parameters

Chro.Coor.:x=0.4831 y=0.4076 u=0.2790 v=0.3532 duv=-0.0023

CCT: 2384K Dominant Wave.:586.7nm Purity:67.4% Centre Wave:633.0nm

Flux RGB Ratio:R=29.5%,G=69.2%,B=1.3% Peak Wave:642.7nm Half Width:128.3nm

Rendering Index:Ra= 96.5 CRI= 96.1

R1 =98	R2 =99	R3 =97	R4 =97	R5 =97	R6 =94	R7 =95	R8 =95
R9 =93	R10=99	R11=94	R12=89	R13=98	R14=97	R15=99	
Fidelity Index (Rf)=94.1				Gamut Index (Rg)=104.3			

Photo Parameters

Flux:1518.87lm Effi.:67.2lm/W Radiant:5099.1mW Iv:0.0mcd
 Efficiency:0.20 Effi Level:A (EU 874-2012)

Ele. Parameters

Voltage:U=24.00V Current:I=0.9420A
 Power:P=22.610W Power Factor:PF=1.000

Instrument state

Instrument:Hopoo HP8000 Integral Time: 85.759ms VPeak: 15081
 VDark: 1324 Scan Range: 380-780nm Product ID: 201901623

IES TM-30-2015 Test Report

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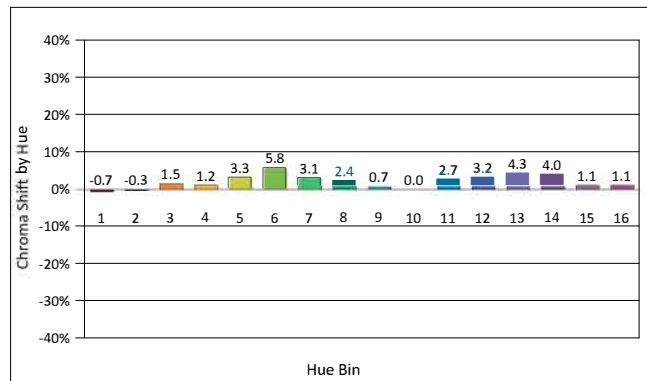
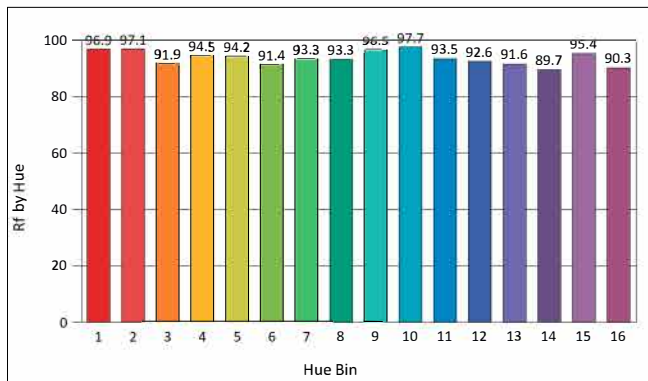
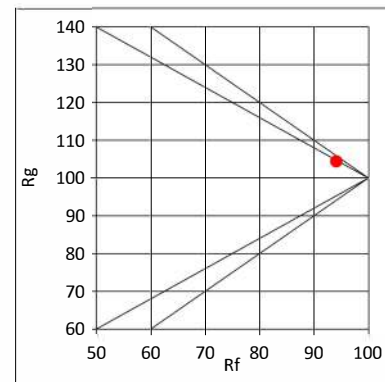
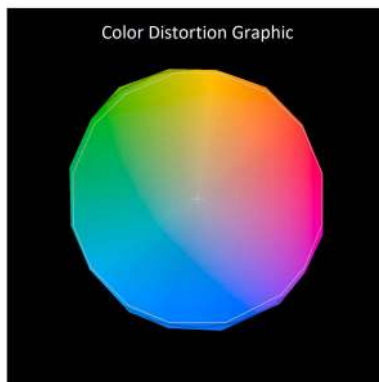
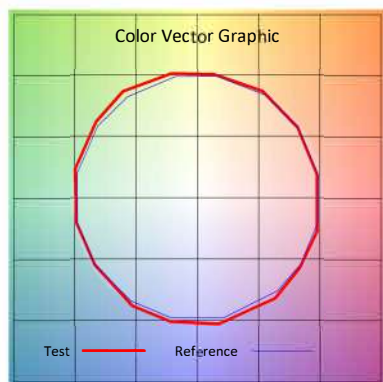
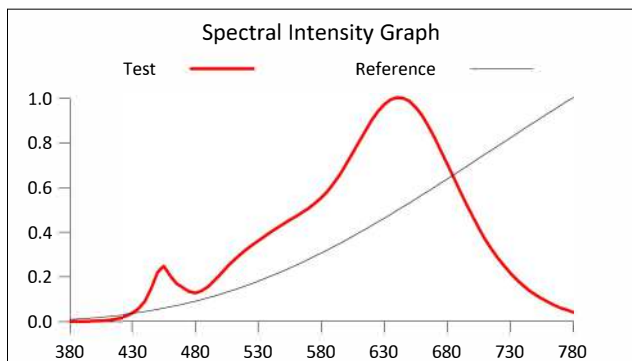
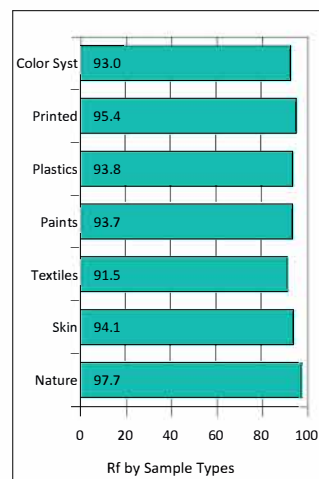
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Rf: 94.1 CCT(K): 2384 u': 0.2790
 Rg: 104.3 LER: 239.4 Duv: -0.0023 v': 0.3532

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	96.9	-0.7%	-0.1%
2	97.1	-0.3%	0.9%
3	91.9	1.5%	3.2%
4	94.5	1.2%	1.3%
5	94.2	3.3%	2.4%
6	91.4	5.8%	0.7%
7	93.3	3.1%	-2.3%
8	93.3	2.4%	-3.4%
9	96.5	0.7%	-0.9%
10	97.7	0.0%	0.9%
11	93.5	2.7%	3.2%
12	92.6	3.2%	0.3%
13	91.6	4.3%	-5.5%
14	89.7	4.0%	-5.1%
15	95.4	1.1%	-2.6%
16	90.3	1.1%	-6.5%



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