

## Luminaire test report

### Product Mark

Product Type : Zoombar\_2.2\_24V\_562mA

Temperature : 22'C

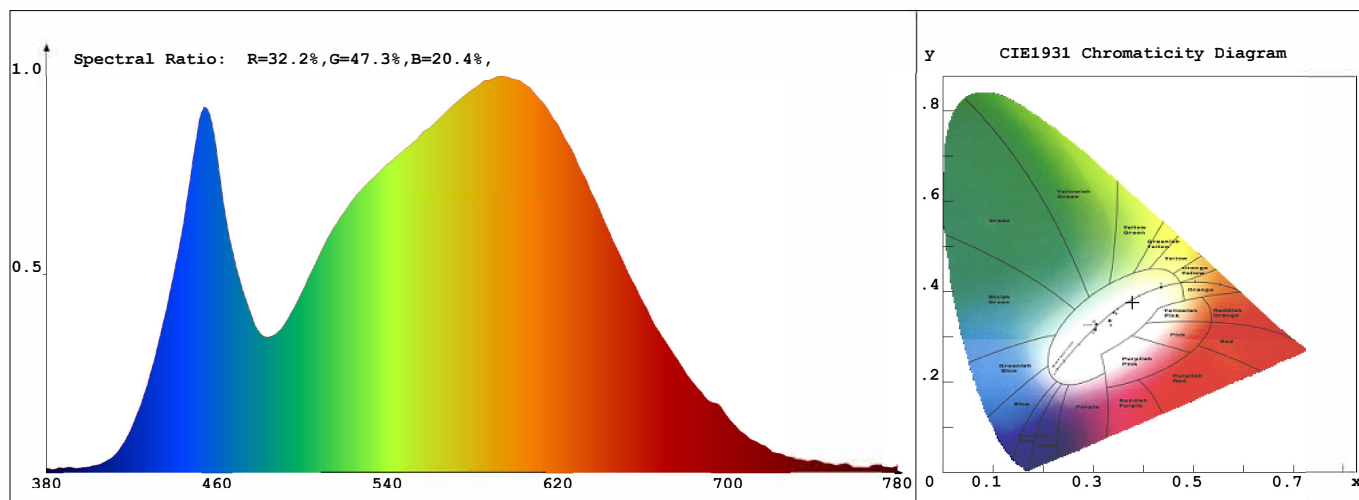
Operator : EL

Remark: LUWA 700mA 60DEG

Manufacturer : Lumen Warm Inc.

Humidity : 19%

Test Date : 2020-04-22 11:07:22



### Chroma Parameters

Chro.Coar.:x=0.3779 y=0.3763 u=0.2236 v=0.3340 duv=0.0005

CCT: 4066K Dominant Wave.:578.5nm Purity:26.4% Centre Wave:577.7nm

Flux RGB Ratio:R=17.4%,G=79.9%,B=2.6% Peak Wave:592.9nm Half Width:149.5nm

### Rendering Index:Ra= 83.4 CRI= 79.6

R1 =83

R2 =90

R3 =95

R4 =81

R5 =81

R6 =84

R7 =87

R8 =67

R9 =13

R10=75

R11=79

R12=65

R13=85

R14=97

R15=77

Fidelity Index(Rf)=83.0

Gamut Index(Rg)=95.3

### Photo Parameters

Flux:506.09lm

Effi.:37.5lm/W

Radiant:1417.3mW

Iv:0.0mcd

Efficiency:0.30

Effi Level:B (EU 874-2012)

### Ele. Parameters

Voltage:U=24.00V

Current:I=0.5620A

Power:P=13.480W

Power Factor:PF=1.000

### Instrument state

Instrument:Hopoo HP8000

Integral Time: 311.187ms

VPeak: 12825

VDark: 1227

Scan Range: 380-780nm

Product ID: 201901623

# IES TM-30-2015 Test Report

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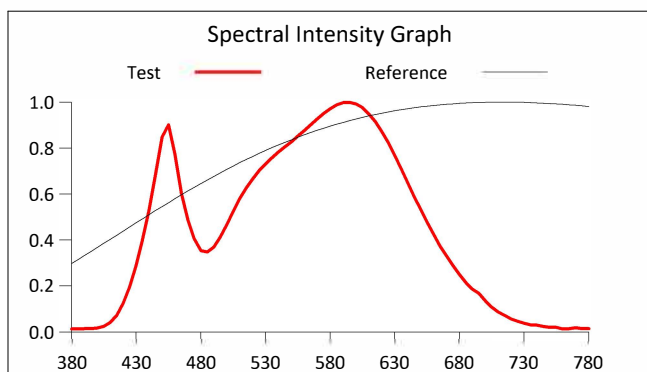
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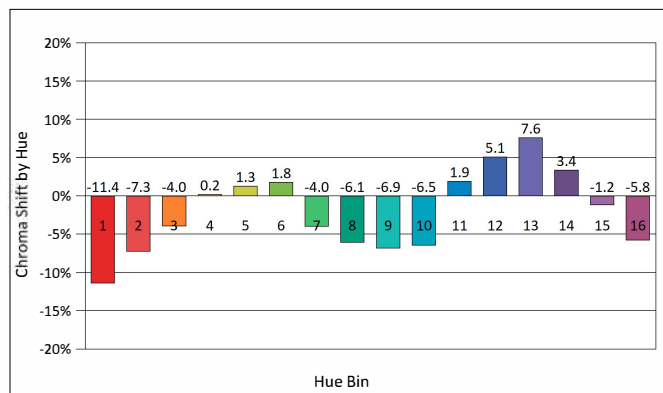
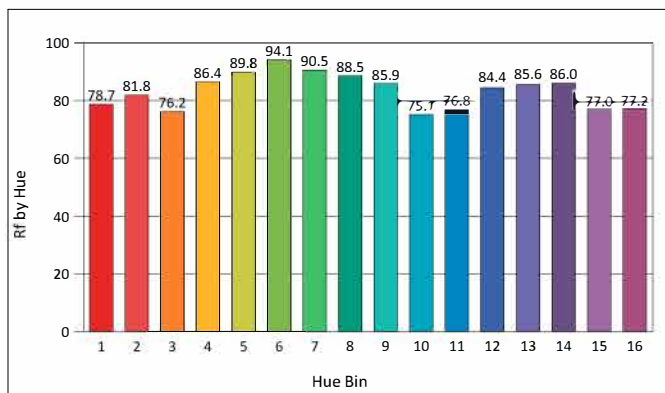
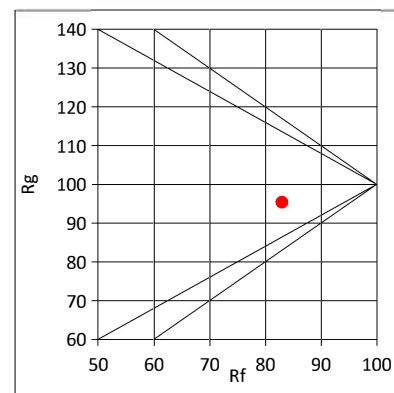
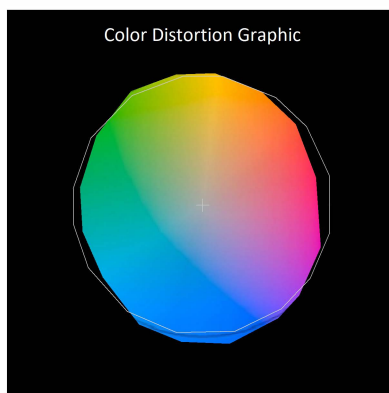
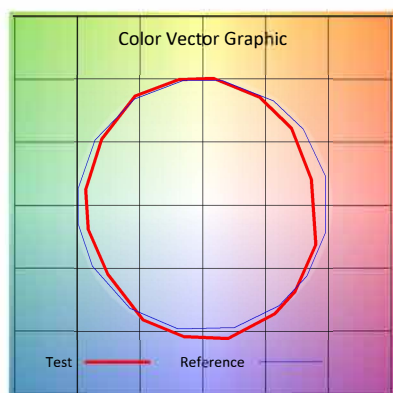
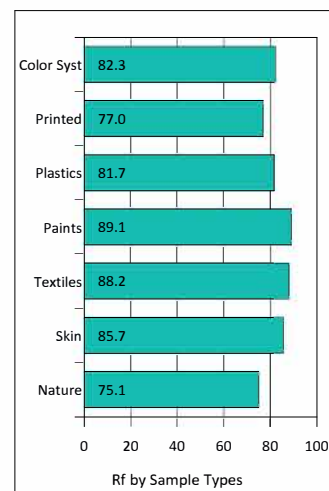
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Rf: 83.0 CCT(K): 4066 u': 0.2236  
 Rg: 95.3 LER: 325.0 Duv: 0.0005 v': 0.3340



Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	78.7	-11.4%	-0.5%
2	81.8	-7.3%	5.9%
3	76.2	-4.0%	10.7%
4	86.4	0.2%	7.3%
5	89.8	1.3%	4.0%
6	94.1	1.8%	-1.7%
7	90.5	-4.0%	-3.4%
8	88.5	-6.1%	-0.7%
9	85.9	-6.9%	5.7%
10	75.1	-6.5%	12.1%
11	76.8	1.9%	13.6%
12	84.4	5.1%	5.6%
13	85.6	7.6%	-6.7%
14	86.0	3.4%	-6.2%
15	77.0	-1.2%	-15.3%
16	77.2	-5.8%	-11.4%



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