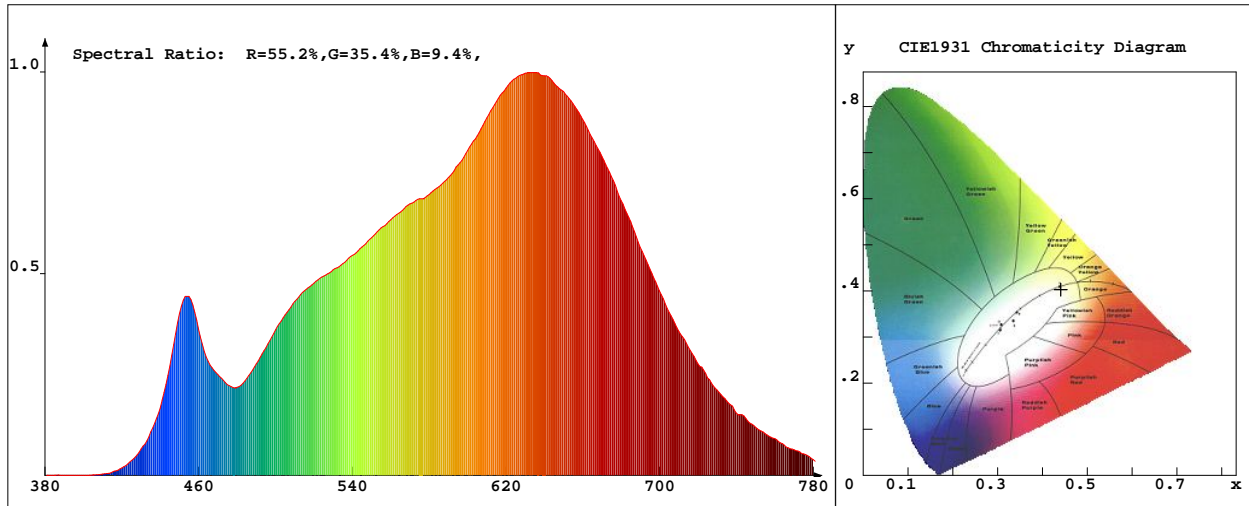


# LED Test Report

**Product Mark**

Product Type : 3528 3000K 1M  
 Temperature : TECHNOLOGY'C  
 Operator : 002  
 Remark: BIN:303 VF:2.8-3.0V

Manufacturer : SHENZHEN HULKLED TECHNOLOGY CO.,LTD  
 Humidity : 50%  
 Test Date : 2018-09-03 12:00:46



**Chroma Parameters**

Chro.Coor.:x=0.4409 y=0.4030 u=0.2536 v=0.3477 duv=-0.0010  
 CCT: 2925K Dominant Wave.:583.5nm Purity:53.3% Centre Wave:610.8nm  
 Flux RGB Ratio:R=24.7%,G=73.5%,B=1.8% Peak Wave:631.7nm Half Width:168.5nm

**Rendering Index:Ra= 98.0 CRI= 96.8**

R1 =99 R2 =99 R3 =97 R4 =99 R5 =99 R6 =98 R7 =98 R8 =95  
 R9 =89 R10=97 R11=97 R12=88 R13=99 R14=98 R15=98  
 Fidelity Index(Rf)=94.7 Gamut Index(Rg)=101.2

**Photo Parameters**

Flux:723.65lm Effi.:38.7lm/W Radiant:6066.0mW Iv:0.0mcd  
 Efficiency:0.000 Effi Level:A++ (EU 874-2012)

**Ele. Parameters**

Voltage:U=23.98V Current:I=0.7800A  
 Power:P=0.005W Power Factor:PF=1.000

**Instrument state**

Instrument:Hopoo HP8000S Integral Time: 166.872ms VPeak: 13752  
 VDark: 1332 Scan Range: 380-780nm Product ID: 201212248

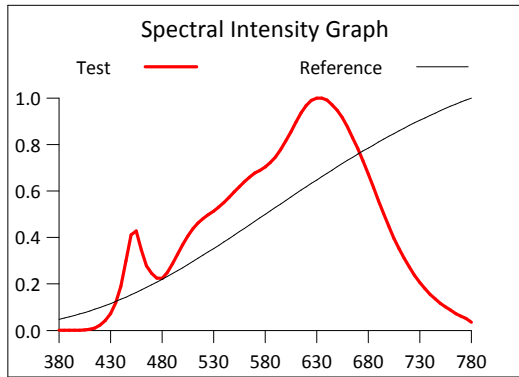
# IES TM-30-2015 Test Report

**Product Mark**

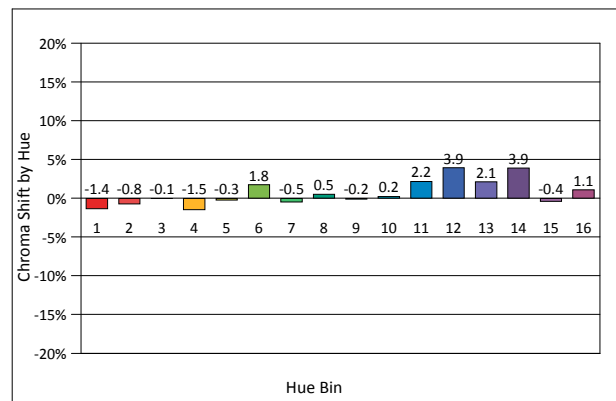
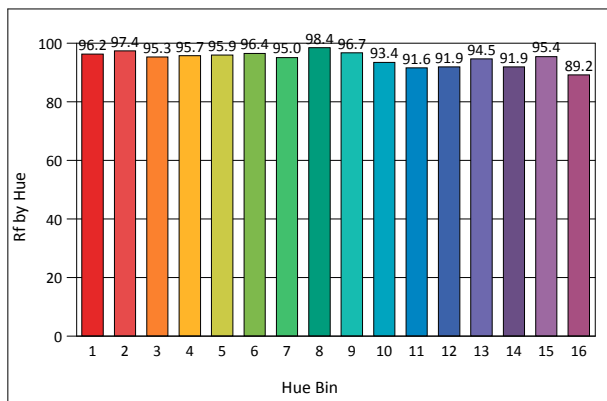
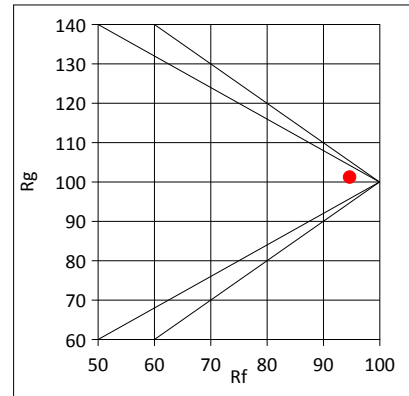
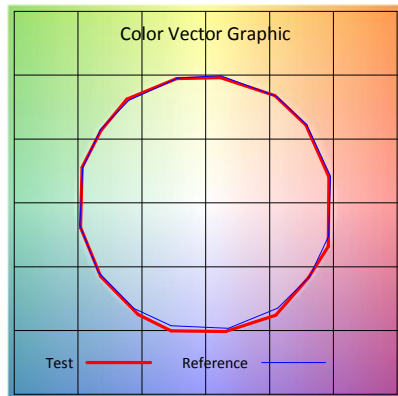
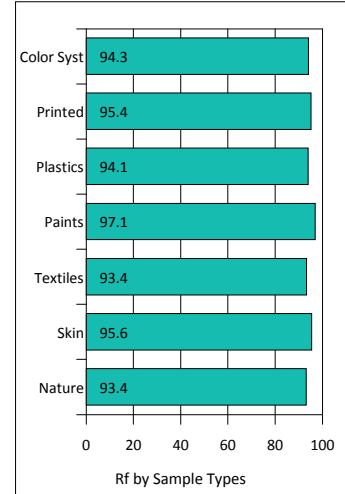
Product Type : 3528 3000K 1M  
 Temperature : TECHNOLOGY'C  
 Operator : 002  
 Remark: BIN:303 VF:2.8-3.0V

Manufacturer : SHENZHEN HULKLED TECHNOLOGY CO.,LTD  
 Humidity : 50%  
 Test Date : 2018-09-03 12:00:46

Rf: 94.7 CCT(K): 2925 u': 0.2536  
 Rg: 101.2 LER: 262.6 Duv: -0.0010 v': 0.3477



Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	96.2	-1.4%	-0.1%
2	97.4	-0.8%	0.5%
3	95.3	-0.1%	1.8%
4	95.7	-1.5%	-0.0%
5	95.9	-0.3%	1.5%
6	96.4	1.8%	0.6%
7	95.0	-0.5%	0.3%
8	98.4	0.5%	-0.2%
9	96.7	-0.2%	1.8%
10	93.4	0.2%	3.8%
11	91.6	2.2%	5.3%
12	91.9	3.9%	0.8%
13	94.5	2.1%	-2.8%
14	91.9	3.9%	-4.3%
15	95.4	-0.4%	-1.4%
16	89.2	1.1%	-7.8%



# IES TM-30-2015 Test Report

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Product Type : 3528 3000K 1M  
 Temperature : TECHNOLOGY'C  
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