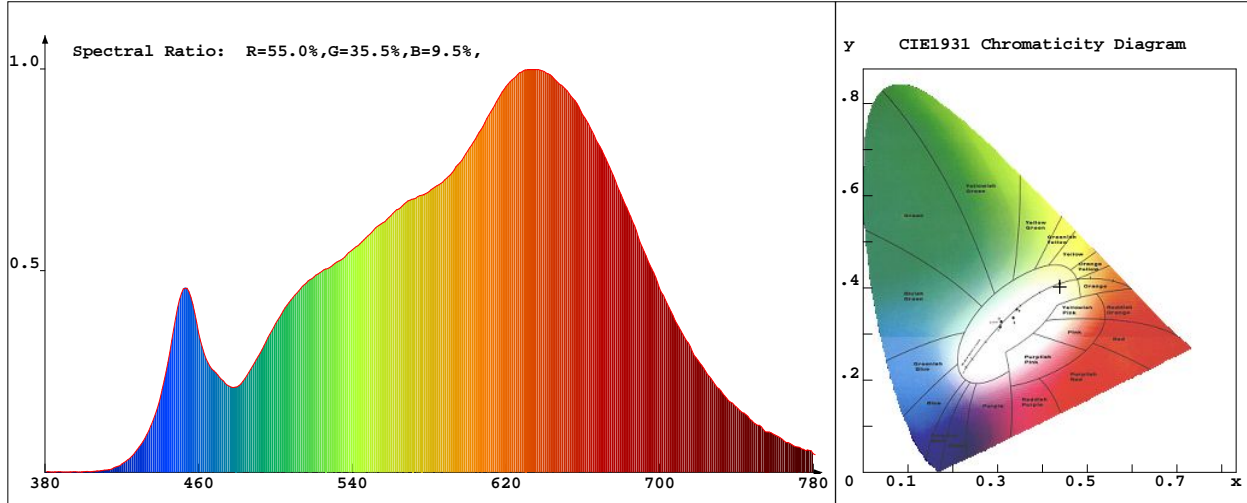


# LED Test Report

**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 12:03:54



**Chroma Parameters**

Chro.Coor.:x=0.4389 y=0.4025 u=0.2525 v=0.3474 duv=-0.0009  
 CCT: 2954K Dominant Wave.:583.3nm Purity:52.6% Centre Wave:609.9nm  
 Flux RGB Ratio:R=24.5%,G=73.7%,B=1.8% Peak Wave:631.7nm Half Width:170.6nm

**Rendering Index:Ra= 98.1 CRI= 96.9**

R1 =100 R2 =99 R3 =97 R4 =98 R5 =99 R6 =98 R7 =98 R8 =97  
 R9 =92 R10=97 R11=97 R12=88 R13=100 R14=97 R15=99  
 Fidelity Index(Rf)=95.0 Gamut Index(Rg)=101.6

**Photo Parameters**

Flux:774.22lm Effi.:41.4lm/W Radiant:6710.6mW Iv:0.0mcd  
 Efficiency:0.000 Effi Level:A++ (EU 874-2012)

**Ele. Parameters**

Voltage:U=23.95V Current:I=0.7800A  
 Power:P=0.005W Power Factor:PF=1.000

**Instrument state**

Instrument:Hopoo HP8000S Integral Time: 166.872ms VPeak: 14840  
 VDark: 1325 Scan Range: 380-780nm Product ID: 201212248

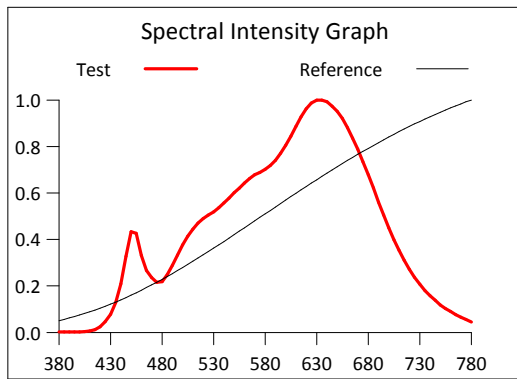
# IES TM-30-2015 Test Report

**Product Mark**

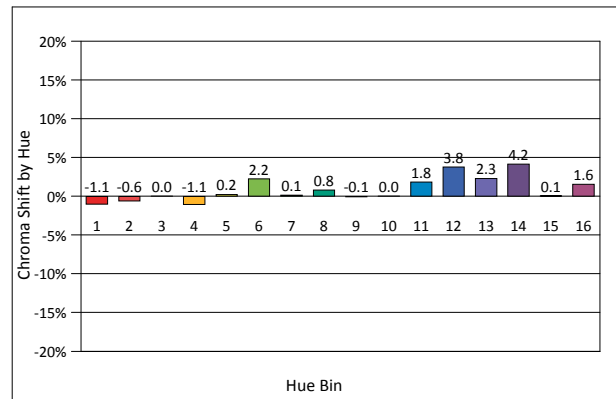
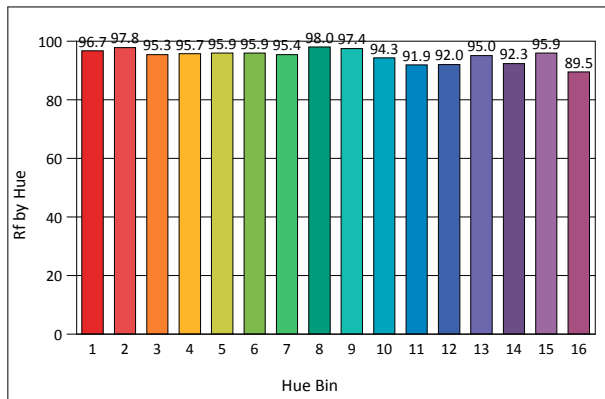
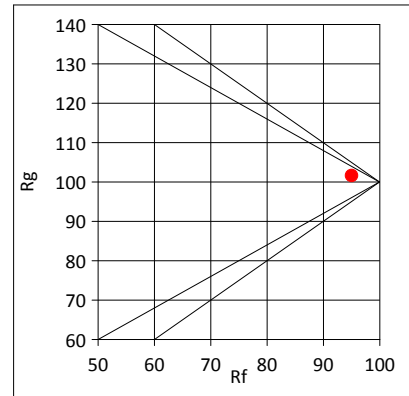
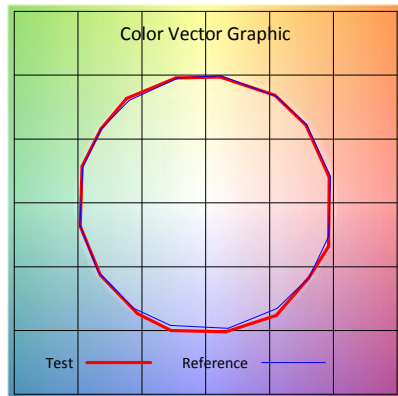
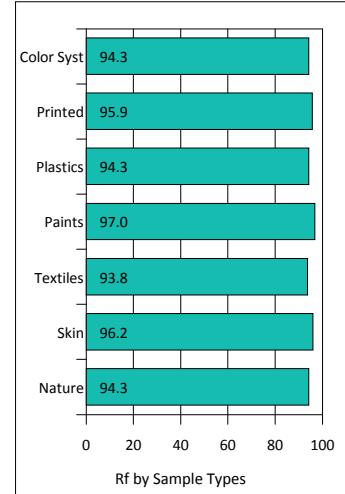
Product Type : 3528 3000K 1M  
 Temperature : TECHNOLOGY'C  
 Operator : 002  
 Remark: BIN:303 VF:2.8-3.0V

Manufacturer : SHENZHEN HULKLED TECHNOLOGY CO.,LTD  
 Humidity : 50%  
 Test Date : 2018-09-03 12:03:54

Rf: 95.0 CCT(K): 2954 u': 0.2525  
 Rg: 101.6 LER: 261.9 Duv: -0.0009 v': 0.3474



Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	96.7	-1.1%	-0.4%
2	97.8	-0.6%	0.4%
3	95.3	0.0%	1.9%
4	95.7	-1.1%	0.3%
5	95.9	0.2%	1.8%
6	95.9	2.2%	0.7%
7	95.4	0.1%	-0.1%
8	98.0	0.8%	-0.6%
9	97.4	-0.1%	1.1%
10	94.3	0.0%	3.2%
11	91.9	1.8%	5.1%
12	92.0	3.8%	1.2%
13	95.0	2.3%	-2.2%
14	92.3	4.2%	-3.7%
15	95.9	0.1%	-1.4%
16	89.5	1.6%	-7.6%



# 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 12:03:54

