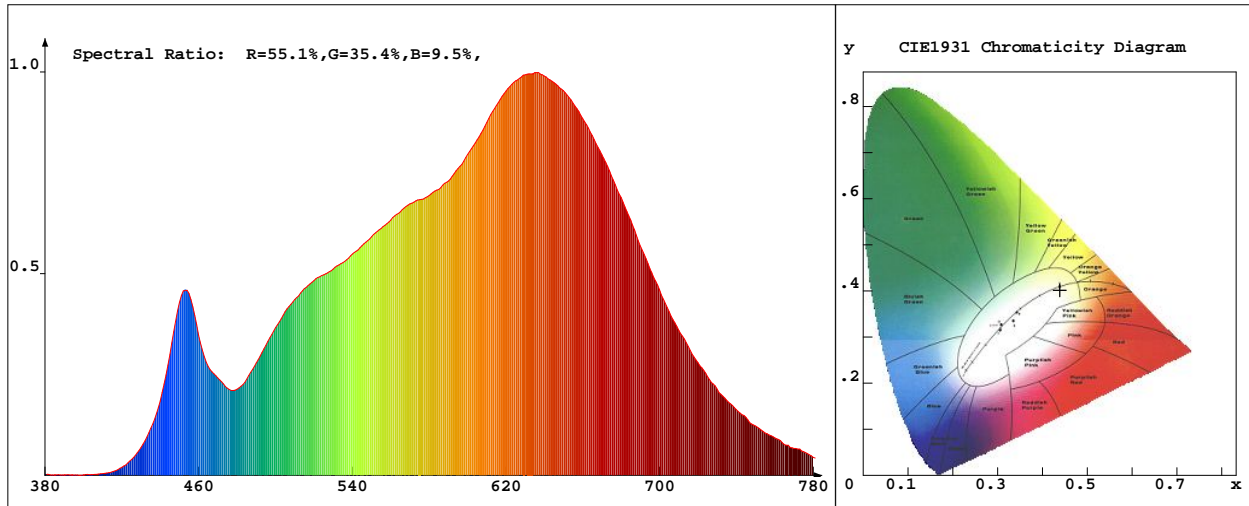


LED Test Report

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 12:06:01



Chroma Parameters

Chro.Coor.:x=0.4388 y=0.4020 u=0.2527 v=0.3472 duv=-0.0011
 CCT: 2951K Dominant Wave.:583.4nm Purity:52.4% Centre Wave:610.8nm
 Flux RGB Ratio:R=24.5%,G=73.6%,B=1.8% Peak Wave:634.7nm Half Width:168.5nm

Rendering Index:Ra= 98.1 CRI= 97.0

R1 =100 R2 =99 R3 =97 R4 =98 R5 =100 R6 =98 R7 =98 R8 =97
 R9 =92 R10=97 R11=96 R12=89 R13=100 R14=97 R15=99
 Fidelity Index(Rf)=94.9 Gamut Index(Rg)=101.7

Photo Parameters

Flux:762.71lm Effi.:40.8lm/W Radiant:6671.5mW 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: 14808
 VDark: 1327 Scan Range: 380-780nm Product ID: 201212248

IES TM-30-2015 Test Report

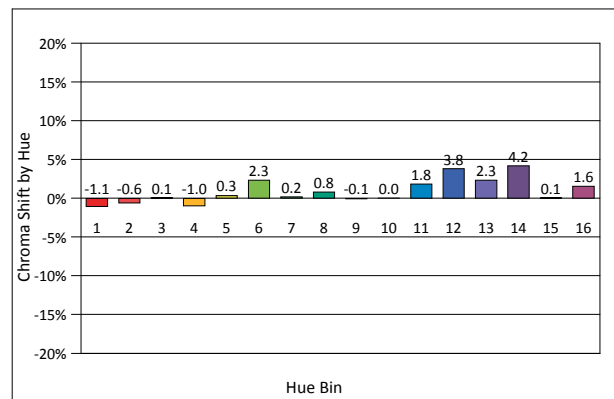
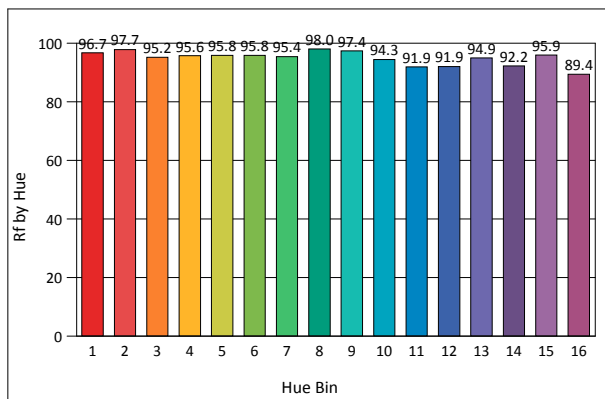
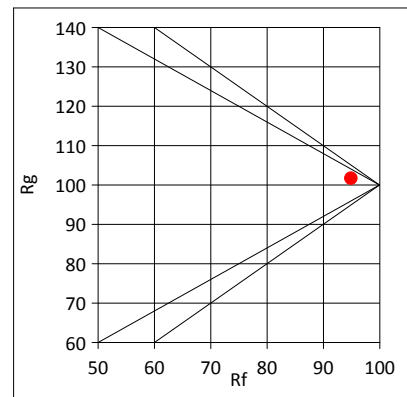
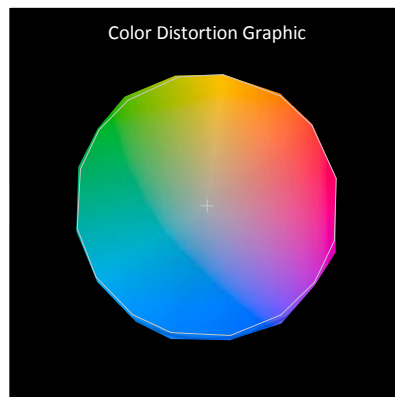
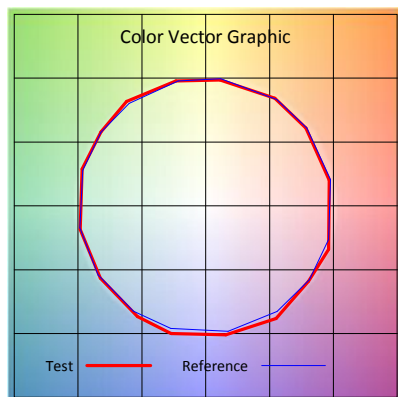
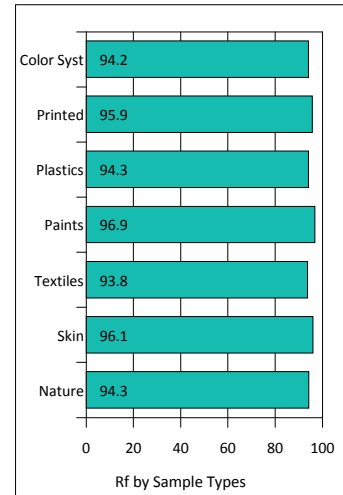
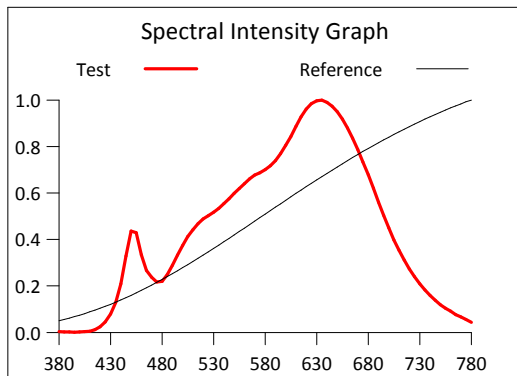
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Rf: 94.9 CCT(K): 2951 u': 0.2527
 Rg: 101.7 LER: 261.5 Duv: -0.0011 v': 0.3472

| Hue Bin | Rf | Graphic Shifts (%) | |
|---------|------|--------------------|-------|
| | | Chroma | Hue |
| 1 | 96.7 | -1.1% | -0.4% |
| 2 | 97.7 | -0.6% | 0.4% |
| 3 | 95.2 | 0.1% | 2.0% |
| 4 | 95.6 | -1.0% | 0.4% |
| 5 | 95.8 | 0.3% | 1.8% |
| 6 | 95.8 | 2.3% | 0.6% |
| 7 | 95.4 | 0.2% | -0.2% |
| 8 | 98.0 | 0.8% | -0.7% |
| 9 | 97.4 | -0.1% | 1.1% |
| 10 | 94.3 | 0.0% | 3.2% |
| 11 | 91.9 | 1.8% | 5.1% |
| 12 | 91.9 | 3.8% | 1.2% |
| 13 | 94.9 | 2.3% | -2.2% |
| 14 | 92.2 | 4.2% | -3.8% |
| 15 | 95.9 | 0.1% | -1.5% |
| 16 | 89.4 | 1.6% | -7.6% |



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