

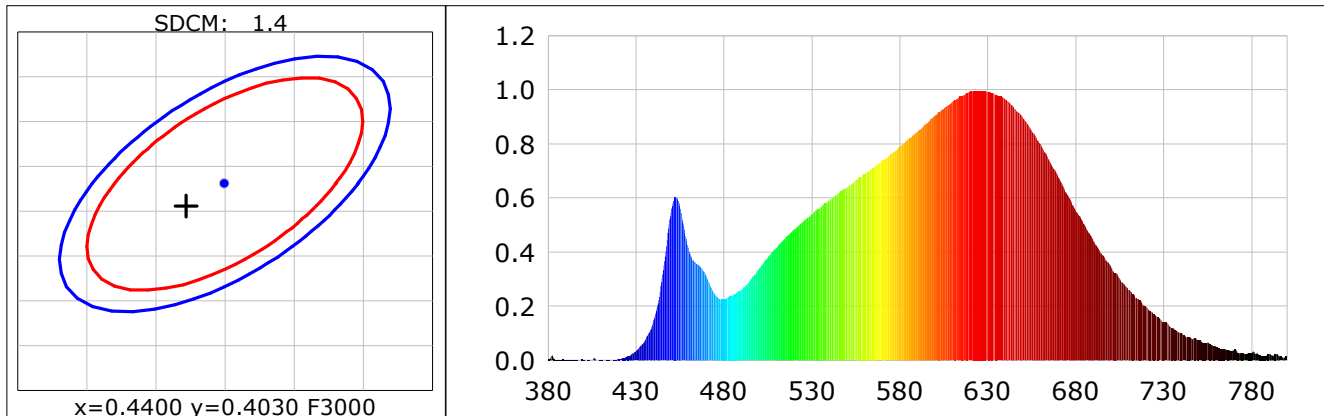
Lightsource Test Report

Product Information

Product Category: 2835 NEON Strip (Sample Product Type: UN-BJ-DC24-2835-140-12-930-1212-ZC-IP)
Product Number: 1 Manufacturer: Shenzhen Superlighting Electronic CO.,LTD
Submitted Unit: QC Center

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4372$ $y=0.4005$ $u(u')=0.2523$ $v=0.3467$ $v'(v)=0.5200$
CCT: $T_c=2967K$ ($duv=-0.00146$) Color Ratio: $R=0.245$ $G=0.726$ $B=0.029$
Peak Wavelength: 624.0nm Half Bandwidth: 162.7nm
Dominant Wavelength: 583.5nm Color Purity: 0.514
CRI: $R_a=93.1$ TM30: $R_f=90$, $R_g=99$
 $R_1=93$ $R_2=97$ $R_3=97$ $R_4=93$ $R_5=93$ $R_6=95$ $R_7=92$ $R_8=85$
 $R_9=66$ $R_{10}=90$ $R_{11}=92$ $R_{12}=78$ $R_{13}=94$ $R_{14}=98$ $R_{15}=91$
Color Quality Scale: $Q_a=90.6$, $Q_f=91.5$, $Q_p=93.7$, $Q_g=97.6$
 $Q_1=91$ $Q_2=96$ $Q_3=87$ $Q_4=86$ $Q_5=90$ $Q_6=91$ $Q_7=90$ $Q_8=92$
 $Q_9=97$ $Q_{10}=93$ $Q_{11}=92$ $Q_{12}=92$ $Q_{13}=92$ $Q_{14}=89$ $Q_{15}=90$



Photometric Parameters

Luminous Flux: 592.90 lm Efficiency: 57.83 lm/W Radiant Power: 2.089 W
EEI: 0.20 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 24.000V Current: 0.4272A Power: 10.25W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Min Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 45162 (3891) CCD Integration Time: 701.73 ms

Condition: $T_x=34.1^\circ C$, $T_i=32.4^\circ C$, R.H.:60% Test Device: Inventfine CMS-2S (Plus)
Test Lab: Shenzhen Superlighting Electronic CO.,LTD Test Time: 2023-07-28 16:43:36
Operator: JACK and DAVID Inspector: