

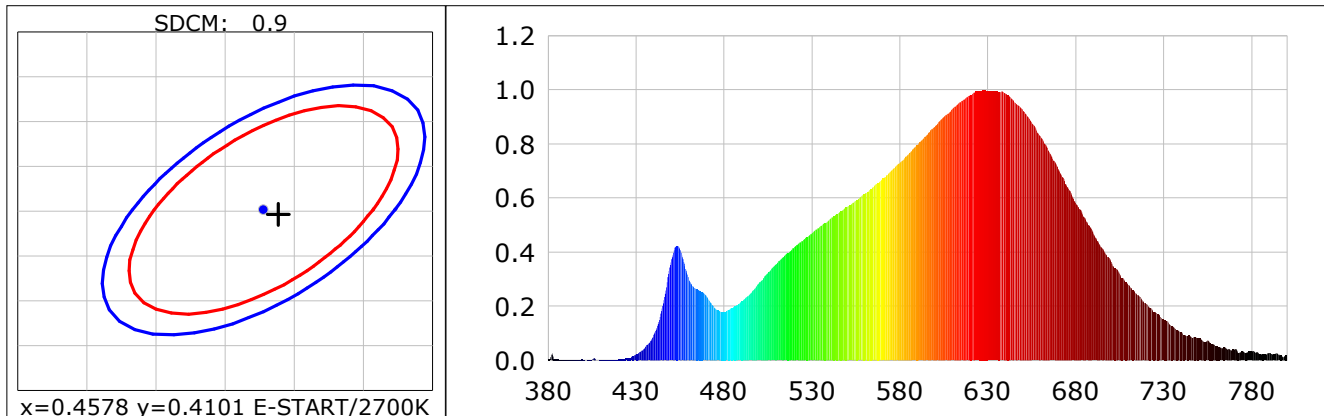
Lightsource Test Report

Product Information

Product Category: 2835 NEON Strip (Sample Product Type: UN-BJ-DC24-2835-140-15-927-1515-ZC-IP)
Product Number: 1 Manufacturer: Shenzhen Superlighting Electronic CO.,LTD
Submitted Unit: QC Center

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4589$ $y=0.4096$ $u(u')=0.2623$ $v=0.3512$ $v'(v)=0.5268$
CCT: $T_c=2706K$ ($duv=-0.00030$) Color Ratio: $R=0.264$ $G=0.712$ $B=0.025$
Peak Wavelength: 628.7nm Half Bandwidth: 152.0nm
Dominant Wavelength: 584.3nm Color Purity: 0.607
CRI: $R_a=93.6$ TM30: $R_f=91$, $R_g=99$
 $R1=94$ $R2=97$ $R3=98$ $R4=93$ $R5=94$ $R6=96$ $R7=93$ $R8=85$
 $R9=67$ $R10=91$ $R11=94$ $R12=81$ $R13=95$ $R14=98$ $R15=91$
Color Quality Scale: $Q_a=91.2$, $Q_f=93.1$, $Q_p=94.3$, $Q_g=96.2$
 $Q1=90$ $Q2=95$ $Q3=89$ $Q4=88$ $Q5=91$ $Q6=92$ $Q7=91$ $Q8=92$
 $Q9=97$ $Q10=94$ $Q11=93$ $Q12=93$ $Q13=93$ $Q14=89$ $Q15=89$



Photometric Parameters

Luminous Flux: 465.22 lm Efficiency: 46.60 lm/W Radiant Power: 1.682 W
EEI: 0.24 Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 24.000V Current: 0.4160A Power: 9.98W
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, 4π
Max of Signal: 45050 (3898) CCD Integration Time: 853.06 ms