

Lightsource Test Report

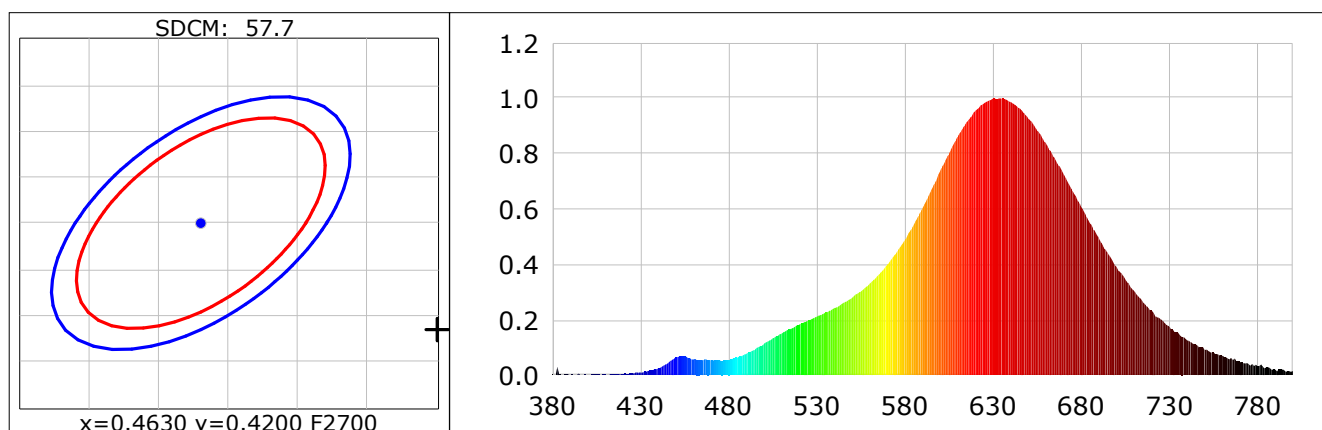
Product Information

Product Category: 3014 LED Strip
Product Spec: 1800K R90 24V 120D 12W
Submitted Unit: QC

Product Type: 6494-18K/40K-24V-CRI90

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5448$ $y=0.4084$ $u(u')=0.3199$ $v=0.3598$ $v'=0.5397$
CCT: $T_c=1833K$ ($duv=-0.00028$) Color Ratio: $R=0.378$ $G=0.611$ $B=0.011$
Peak Wavelength: 634.1nm Half Bandwidth: 108.4nm
Dominant Wavelength: 590.6nm Color Purity: 0.862
CRI: $R_a=90.6$ TM30: $R_f=90$, $R_g=98$
 $R1=92$ $R2=98$ $R3=96$ $R4=93$ $R5=94$ $R6=95$ $R7=85$ $R8=73$
 $R9=50$ $R10=96$ $R11=98$ $R12=92$ $R13=94$ $R14=99$ $R15=84$
Color Quality Scale: $Q_a=75.6$, $Q_f=92.8$, $Q_p=94.2$, $Q_g=78.8$
 $Q1=71$ $Q2=76$ $Q3=80$ $Q4=79$ $Q5=79$ $Q6=78$ $Q7=77$ $Q8=76$
 $Q9=78$ $Q10=80$ $Q11=79$ $Q12=77$ $Q13=76$ $Q14=71$ $Q15=71$



Photometric Parameters

Luminous Flux: 349.57 lm
EEI: 0.18

Efficiency: 57.19 lm/W

Radiant Power: 1.490 W

Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 24.000V
Power Factor: 1.0000

Current: 0.2547A
Frequency: 0.00Hz

Power: 6.11W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Min
Max of Signal: 45126 (3810)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 1265.53 ms

Lightsource Test Report

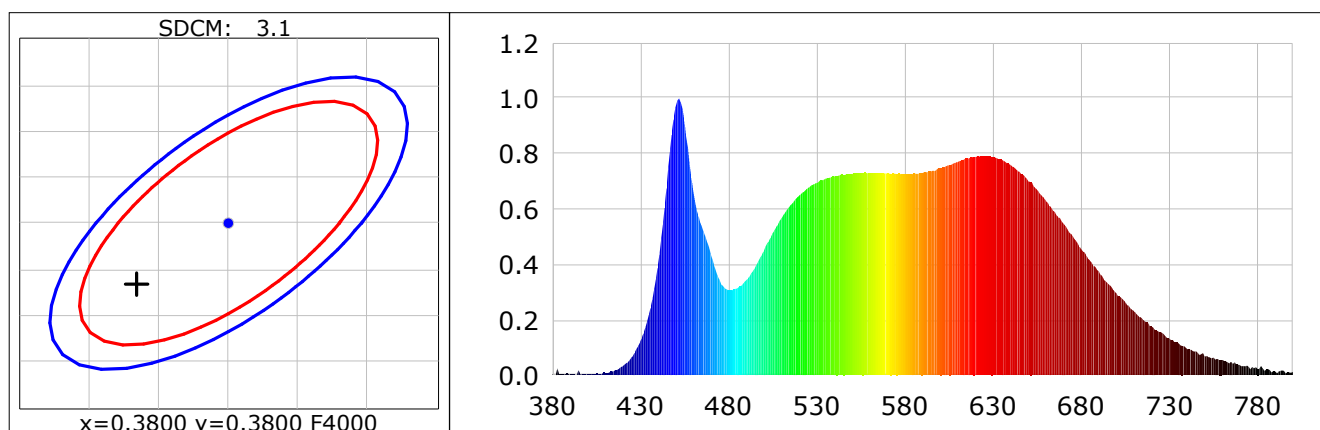
Product Information

Product Category: 3014 LED Strip
Product Spec: 4000K R90 24V 120D 12W
Submitted Unit: QC

Product Type: 6494-18K/40K-24V-CRI90

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3734$ $y=0.3734$ $u(u')=0.2218$ $v=0.3327$ $v'=0.4990$
CCT: $T_c=4176K$ ($duv=0.00056$) Color Ratio: $R=0.193$ $G=0.767$ $B=0.040$
Peak Wavelength: 451.8nm Half Bandwidth: 24.9nm
Dominant Wavelength: 578.0nm Color Purity: 0.241
CRI: $R_a=93.6$ TM30: $R_f=90$, $R_g=100$
 $R1=95$ $R2=94$ $R3=92$ $R4=94$ $R5=93$ $R6=91$ $R7=97$ $R8=93$
 $R9=79$ $R10=85$ $R11=93$ $R12=68$ $R13=95$ $R14=95$ $R15=94$
Color Quality Scale: $Q_a=92.1$, $Q_f=91.5$, $Q_p=93.2$, $Q_g=99.6$
 $Q1=95$ $Q2=99$ $Q3=85$ $Q4=84$ $Q5=90$ $Q6=92$ $Q7=93$ $Q8=96$
 $Q9=96$ $Q10=93$ $Q11=93$ $Q12=95$ $Q13=96$ $Q14=94$ $Q15=95$



Photometric Parameters

Luminous Flux: 485.42 lm
EEI: 0.14

Efficiency: 79.63 lm/W Radiant Power: 1.701 W
Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 24.000V
Power Factor: 1.0000

Current: 0.2540A
Frequency: 0.00Hz

Power: 6.10W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Min
Max of Signal: 42962 (3813)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4 π
CCD Integration Time: 1265.53 ms

Lightsource Test Report

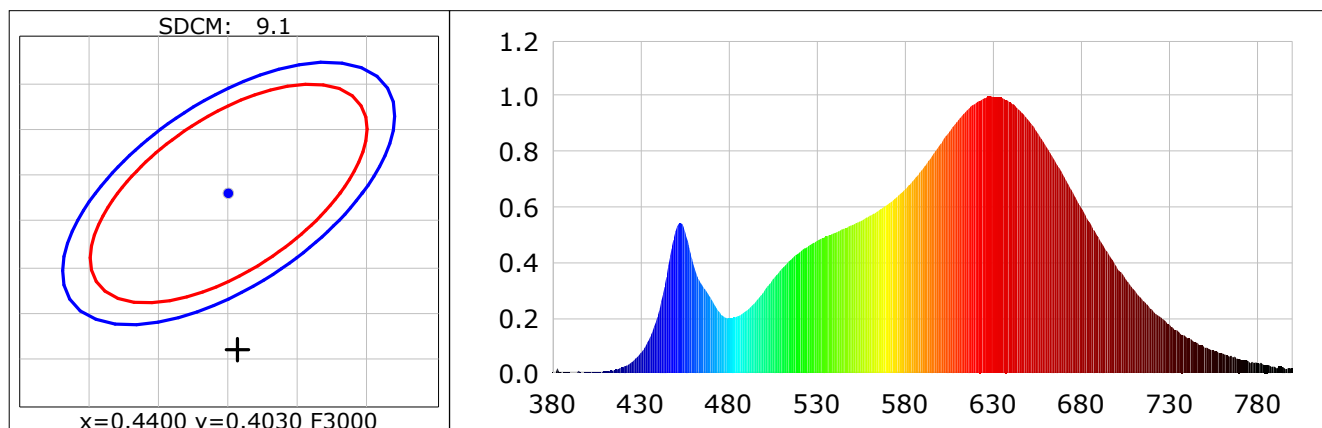
Product Information

Product Category: 3014 LED Strip
Product Spec: 1800+4000K R90 24V 120D
Submitted Unit: QC

Product Type: 6494-18K/40K-24V-CRI90

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4406$ $y=0.3861$ $u(u')=0.2610$ $v=0.3431$ $v'=0.5146$
CCT: $T_c=2788K$ ($duv=-0.00769$) Color Ratio: $R=0.270$ $G=0.701$ $B=0.029$
Peak Wavelength: 628.8nm Half Bandwidth: 150.8nm
Dominant Wavelength: 586.9nm Color Purity: 0.481
CRI: $R_a=95.7$ TM30: $R_f=92$, $R_g=105$
 $R1=98$ $R2=97$ $R3=98$ $R4=96$ $R5=98$ $R6=93$ $R7=93$ $R8=93$
 $R9=87$ $R10=96$ $R11=94$ $R12=88$ $R13=97$ $R14=98$ $R15=99$
Color Quality Scale: $Q_a=91.4$, $Q_f=88.5$, $Q_p=100.9$, $Q_g=105.3$
 $Q1=93$ $Q2=97$ $Q3=88$ $Q4=91$ $Q5=96$ $Q6=91$ $Q7=86$ $Q8=90$
 $Q9=98$ $Q10=93$ $Q11=92$ $Q12=91$ $Q13=92$ $Q14=92$ $Q15=94$



Photometric Parameters

Luminous Flux: 817.96 lm
EEI: 0.19

Efficiency: 66.79 lm/W Radiant Power: 3.134 W
Energy Efficiency Class: A (EU 874-2012)

Electric Parameters

Voltage: 24.001V
Power Factor: 1.0000

Current: 0.5103A
Frequency: 0.00Hz

Power: 12.25W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Min
Max of Signal: 45183 (3630)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 769.46 ms