

Lightsource Test Report

Product Information

Product Category: 2835 LED Strip
 Product Number: 3000K

Product Spec: 3000K CRI90 24V 240LED 11W/M
 Submitted Unit: QC1

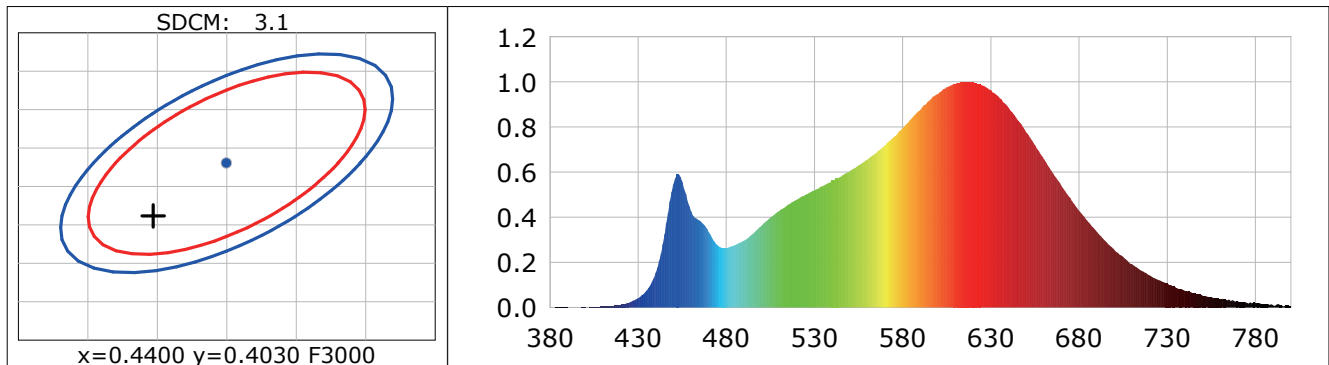
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4347$ $y=0.3962$ $u(u')=0.2526$ $v=0.3453$ $v'=0.5179$
 CCT: $T_c=2972K$ ($duv=-0.00289$) Color Ratio: $R=0.246$ $G=0.723$ $B=0.032$
 Peak Wavelength: 617.7nm Half Bandwidth: 148.4nm
 Dominant Wavelength: 603.4nm Color Purity: 0.494
 Central Wave: 599.3nm Gravity Wave: 605.5nm
 CRI: $R_a=91.5$ TM30: $R_f=90$, $R_g=98$
 GAI: $GAI_BB_8=104.9$, $GAI_BB_15=110.9$, $GAI_EES=59.4$

R1 =93	R2 =98	R3 =97	R4 =91	R5 =93	R6 =96	R7 =88	R8 =77
R9 =52	R10=95	R11=92	R12=82	R13=94	R14=99	R15=88	

Color Quality Scale: $Q_a=89.7$, $Q_f=90.7$, $Q_p=92.8$, $Q_g=96.4$

Q1 =87	Q2 =95	Q3 =89	Q4 =87	Q5 =90	Q6 =92	Q7 =91	Q8 =91
Q9 =96	Q10=94	Q11=92	Q12=90	Q13=90	Q14=85	Q15=86	



Photometric Parameters

Luminous Flux: 1513.2 lm Efficiency: 137.59 lm/W Radiant Power: 5.104 W
 Total mains efficacy: 137.59 lm/W Energy Efficiency Class: D (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.4581A Power: 11.00W
 Power Factor: 1.0000 Frequency: 0.00Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
 Stabilization Time: 1 Min ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T
 Max of Signal: 52967 (3534) CCD Integration Time: 577.12 ms

Condition: $T_x:24.3^{\circ}C$, $T_i:22.0^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: CMS-2S (Plus)
 Test Time: 2023-03-01 20:45:13
 Inspector: