

Lightsource Test Report

Product Information

Product Category: 2835 Strip 100cm
Product Spec: 3000K R90
Submitted Unit: QC

Product Type: 2001339
Product Number: 2

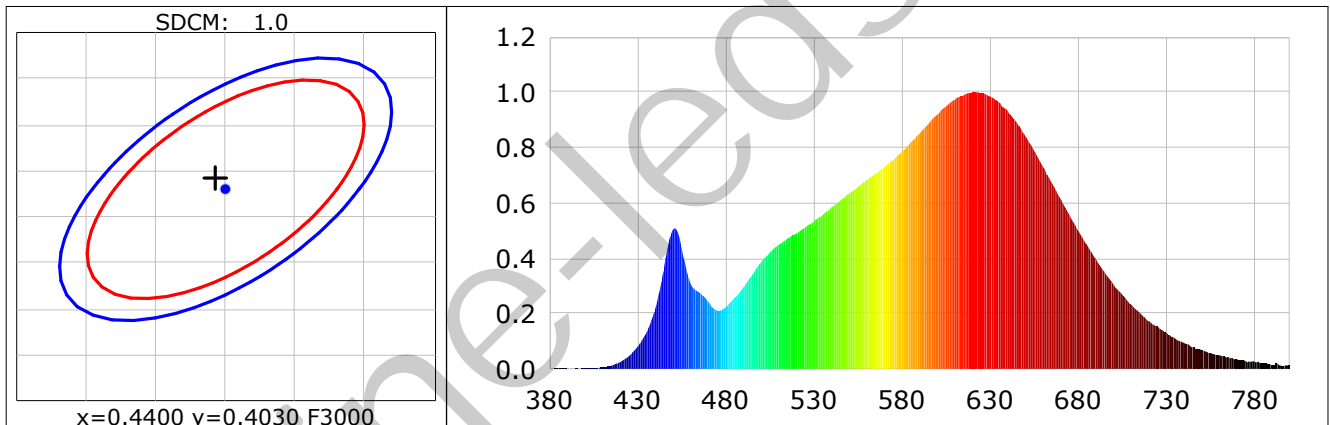
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4392$ $y=0.4042$ $u(u')=0.2520$ $v=0.3479$ $v'=0.5218$
 CCT: $T_c=2963K$ ($duv=-0.00026$) Color Ratio: $R=0.245$ $G=0.726$ $B=0.029$
 Peak Wavelength: 622.9nm Half Bandwidth: 157.4nm
 Dominant Wavelength: 583.1nm Color Purity: 0.532
 CRI: $R_a=92.9$ TM30: $R_f=91$, $R_g=99$

R1 =93	R2 =96	R3 =98	R4 =93	R5 =93	R6 =96	R7 =92	R8 =82
R9 =60	R10=91	R11=94	R12=84	R13=94	R14=98	R15=89	

 Color Quality Scale: $Q_a=91.4$, $Q_f=92.8$, $Q_p=93.5$, $Q_g=96.4$

Q1 =89	Q2 =96	Q3 =90	Q4 =90	Q5 =92	Q6 =93	Q7 =92	Q8 =93
Q9 =97	Q10=94	Q11=93	Q12=93	Q13=92	Q14=87	Q15=88	



Photometric Parameters

Luminous Flux: 1402.19 lm
EEI: 0.11

Efficiency: 123.63 lm/W

Radiant Power: 4.823 W

Energy Efficiency Class: A+ (EU 874-2012)

Electric Parameters

Voltage: 24.001V
Power Factor: 1.0000

Current: 0.4726A
Frequency: 0.00Hz

Power: 11.34W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Min
Max of Signal: 48208 (3200)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 488.40 ms

Condition: $T_x=25.5^{\circ}C$, $T_i=23.1^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2018-01-23 17:34:24
Inspector: