

Lightsource Test Report

Product Information

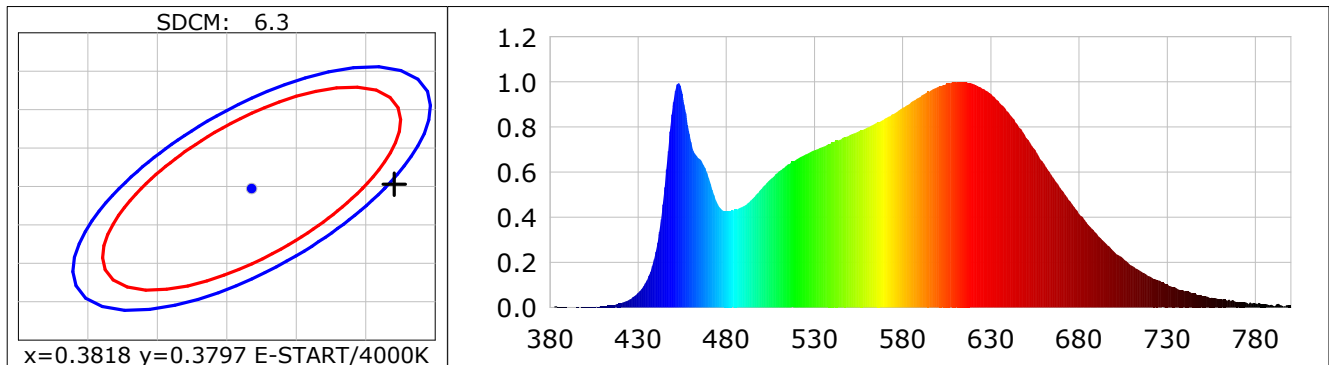
Product Category: 2835 LED Strip
 Product Spec: 4000K R90 S5

Product Type: 24V 240LED 11W/M IP63 1M
 Submitted Unit: QC

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3921$ $y=0.3803$ $u(u')=0.2313$ $v=0.3366$ $v'=0.5048$
 CCT: $T_c=3724K$ ($duv=-0.00156$) Color Ratio: $R=0.209$ $G=0.748$ $B=0.043$
 Peak Wavelength: 611.3nm Half Bandwidth: 175.3nm
 Dominant Wavelength: 580.9nm Color Purity: 0.318
 Central Wave: 584.5nm Gravity Wave: 593.3nm
 CRI: $R_a=93.1$ TM30: $R_f=90$, $R_g=97$
 GAI: $GAI_BB_8=98.8$, $GAI_BB_15=104.9$, $GAI_EES=73.2$

R1 =94	R2 =99	R3 =98	R4 =92	R5 =94	R6 =95	R7 =91	R8 =83
R9 =61	R10=95	R11=93	R12=75	R13=96	R14=100	R15=91	
Color Quality Scale: $Q_a=91.8$, $Q_f=91.6$, $Q_p=91.9$, $Q_g=96.8$							
Q1 =89	Q2 =97	Q3 =90	Q4 =87	Q5 =90	Q6 =92	Q7 =94	Q8 =95
Q9 =99	Q10=97	Q11=95	Q12=94	Q13=94	Q14=89	Q15=89	



Photometric Parameters

Luminous Flux: 1473.1 lm Efficiency: 132.75 lm/W Radiant Power: 4.924 W
 Total mains efficacy: 132.75 lm/W Energy Efficiency Class: E (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.4599A Power: 11.10W
 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, 4π
Max of Signal: 48561 (4104)	CCD Integration Time: 608.33 ms

Condition: $T_x:26.8^{\circ}C$, $T_i:24.2^{\circ}C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: CMS-2S (Plus)
 Test Time: 2023-03-15 10:57:25
 Inspector: