

Lightsource Test Report

Product Information

Product Category: 2835 LED Strip
 Product Spec: 6000K R90 S5

Product Type: 24V 240LED 15W/M IP63 1M
 Submitted Unit: QC

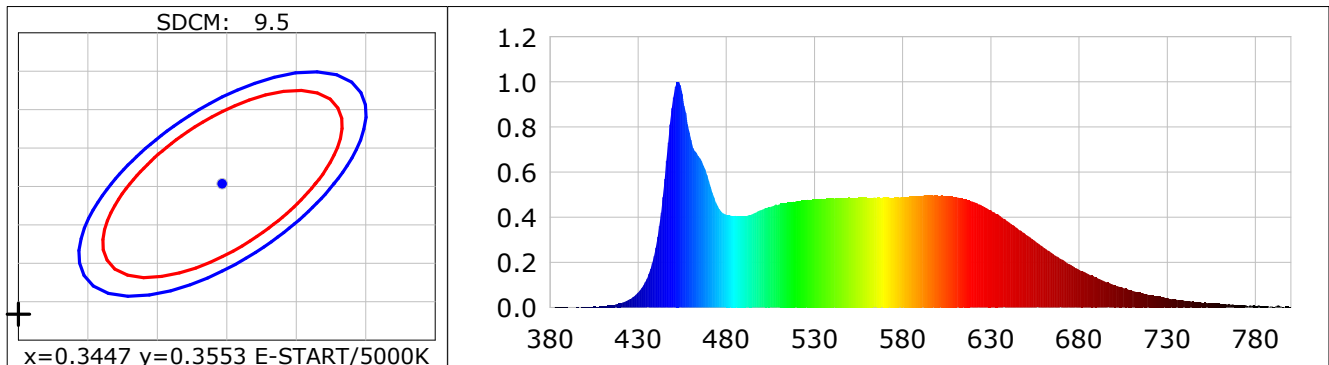
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3285$ $y=0.3383$ $u(u')=0.2052$ $v=0.3170$ $v'=0.4756$
 CCT: $T_c=5680K$ ($duv=0.00039$) Color Ratio: $R=0.164$ $G=0.769$ $B=0.066$
 Peak Wavelength: 452.6nm Half Bandwidth: 28.4nm
 Dominant Wavelength: 506.1nm Color Purity: 0.015
 Central Wave: 458.3nm Gravity Wave: 456.5nm
 CRI: $R_a=93.2$ TM30: $R_f=89$, $R_g=96$
 GAI: $GAI_BB_8=97.5$, $GAI_BB_15=101.7$, $GAI_EES=90.9$

R1 =95	R2 =99	R3 =96	R4 =92	R5 =94	R6 =94	R7 =90	R8 =85
R9 =67	R10=99	R11=94	R12=72	R13=98	R14=99	R15=93	

Color Quality Scale: $Q_a=91.3$, $Q_f=91.1$, $Q_p=91.0$, $Q_g=96.3$

Q1 =87	Q2 =97	Q3 =90	Q4 =85	Q5 =88	Q6 =90	Q7 =95	Q8 =96
Q9 =99	Q10=98	Q11=95	Q12=94	Q13=93	Q14=89	Q15=89	



Photometric Parameters

Luminous Flux: 1850.1 lm Efficiency: 124.91 lm/W Radiant Power: 6.367 W
 Total mains efficacy: 124.91 lm/W Energy Efficiency Class: E (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.6170A Power: 14.81W
 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: 47447 (3563) CCD Integration Time: 283.70 ms

Condition: $T_x:26.1^\circ C$, $T_i:22.8^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: CMS-2S (Plus)
 Test Time: 2023-03-28 16:41:18
 Inspector: