

Lightsource Test Report

Product Information

Product Category: 2835 LED Strip
 Product Spec: 6500K R90 S5 1M
 Submitted Unit: QC

Product Type: 24V 240LED/M 15W/M
 Product Number: 4

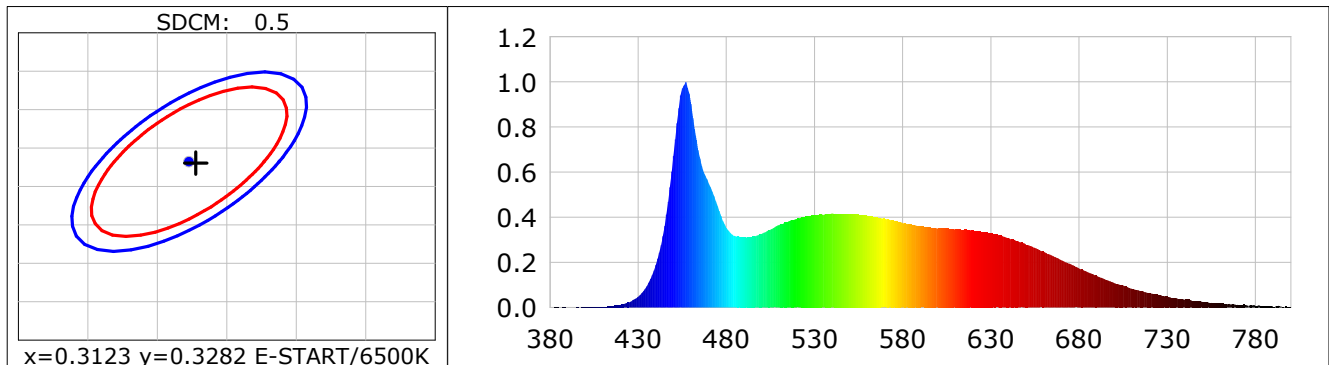
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3128$ $y=0.3280$ $u(u')=0.1982$ $v=0.3119$ $v'=0.4678$
 CCT: $T_c=6510K$ ($duv=0.00266$) Color Ratio: $R=0.152$ $G=0.777$ $B=0.071$
 Peak Wavelength: 456.9nm Half Bandwidth: 25.2nm
 Dominant Wavelength: 488.4nm Color Purity: 0.073
 Central Wave: 460.1nm Gravity Wave: 459.1nm
 CRI: $R_a=93.0$ TM30: $R_f=87$, $R_g=95$
 GAI: $GAI_BB_8=95.4$, $GAI_BB_15=100.7$, $GAI_EES=93.1$

R1 =95	R2 =99	R3 =97	R4 =88	R5 =91	R6 =94	R7 =91	R8 =89
R9 =82	R10=97	R11=89	R12=64	R13=98	R14=99	R15=93	

Color Quality Scale: $Q_a=89.9$, $Q_f=89.6$, $Q_p=89.5$, $Q_g=95.8$

Q1 =86	Q2 =95	Q3 =89	Q4 =81	Q5 =83	Q6 =84	Q7 =92	Q8 =95
Q9 =99	Q10=98	Q11=95	Q12=95	Q13=95	Q14=94	Q15=92	



Photometric Parameters

Luminous Flux: 1988.3 lm Efficiency: 135.81 lm/W Radiant Power: 7.168 W
 Total mains efficacy: 135.81 lm/W Energy Efficiency Class: D (EU 2019/2015)
 Auxiliary lamp correction factor: 1.00

Electric Parameters

Voltage: 24.000V Current: 0.6100A Power: 14.64W
 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: 46241 (4366) CCD Integration Time: 212.66 ms

Condition: $T_x:29.1^\circ C$, $T_i:26.2^\circ C$, R.H.:60%
 Test Lab:
 Operator:

Test Device: CMS-2S (Plus)
 Test Time: 2023-03-20 17:57:19
 Inspector: