

Lightsource Test Report

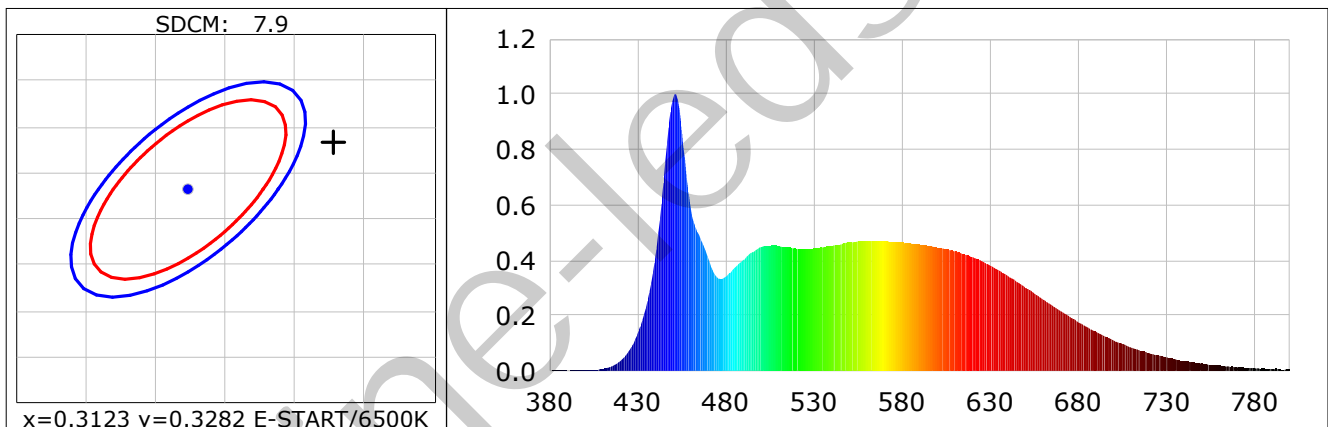
Product Information

Product Category: 2835 Strip 100cm
Product Spec: 6000K R90
Submitted Unit: QC

Product Type: 2001338
Product Number: 3

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3227$ $y=0.3333$ $u(u')=0.2032$ $v=0.3147$ $v'=0.4721$
CCT: $T_c=5964K$ ($duv=0.00049$) Color Ratio: $R=0.157$ $G=0.778$ $B=0.065$
Peak Wavelength: 451.6nm Half Bandwidth: 22.3nm
Dominant Wavelength: 491.7nm Color Purity: 0.036
CRI: $R_a=94.3$ TM30: $R_f=88$, $R_g=97$
R1 =94 R2 =95 R3 =91 R4 =96 R5 =93 R6 =90 R7 =99 R8 =95
R9 =81 R10=87 R11=96 R12=67 R13=96 R14=95 R15=97
Color Quality Scale: $Q_a=91.0$, $Q_f=90.8$, $Q_p=90.9$, $Q_g=96.8$
Q1 =90 Q2 =98 Q3 =88 Q4 =83 Q5 =87 Q6 =90 Q7 =95 Q8 =98
Q9 =98 Q10=96 Q11=93 Q12=91 Q13=91 Q14=92 Q15=92



Photometric Parameters

Luminous Flux: 2696.80 lm
EEI: 0.10

Efficiency: 133.84 lm/W

Radiant Power: 9.467 W

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

Electric Parameters

Voltage: 24.000V
Power Factor: 1.0000

Current: 0.8396A
Frequency: 0.00Hz

Power: 20.15W

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 1 Min
Max of Signal: 46728 (2849)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4T
CCD Integration Time: 147.96 ms

Condition: $T_x:25.5^{\circ}C$, $T_i:23.0^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2018-01-23 17:38:48
Inspector: