

Lightsource Test Report

Product Information

Product Category: Track Linear Light 20W 4000K BL Product Number: 219

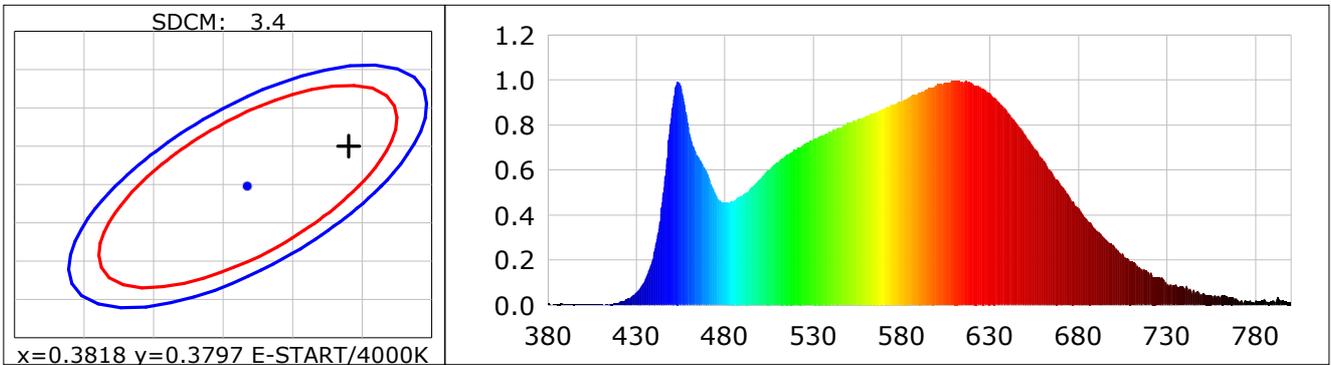
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3890$ $y=0.3849$ $u(u')=0.2275$ $v=0.3376$ $v'=0.5064$
CCT: $T_c=3837K$ ($duv=0.00138$) Color Ratio: $R=0.202$ $G=0.755$ $B=0.044$
Peak Wavelength: 610.4nm Half Bandwidth: 182.2nm
Dominant Wavelength: 579.0nm Color Purity: 0.323
CRI: $R_a=92.3$ TM30: $R_f=89$, $R_g=96$
GAI: $GAI_BB_8=93.2$, $GAI_BB_15=99.9$, $GAI_EES=70.9$

R1 =93	R2 =97	R3 =98	R4 =90	R5 =92	R6 =95	R7 =91	R8 =82
R9 =59	R10=93	R11=91	R12=72	R13=94	R14=100	R15=89	

Color Quality Scale: $Q_a=91.4$, $Q_f=91.5$, $Q_p=90.7$, $Q_g=95.0$

Q1 =87	Q2 =96	Q3 =90	Q4 =86	Q5 =88	Q6 =90	Q7 =93	Q8 =95
Q9 =98	Q10=97	Q11=96	Q12=95	Q13=94	Q14=88	Q15=89	



Photometric Parameters

Luminous Flux: 747.31 lm Efficiency: 36.37 lm/W Radiant Power: 2.479 W
EEI: 0.34 Energy Efficiency Class: B (EU 874-2012)

Electric Parameters

Voltage: 220.00V Current: 0.2000A Power: 20.55W
Power Factor: 0.4670 Frequency: 49.99Hz

Test Information

Scan Range: 380~800:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms ALC.: 1.0000 Photometric Condition: Sphere diameter: 1.50m, 4T
Max of Signal: 44418 (3699) CCD Integration Time: 535.65 ms