

Lightsource Test Report

Product Information

Product Number: FI 135 18LED 0,3A 36W 4000K matovyj

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3746$ $y=0.3735$ $u(u')=0.2225$ $v=0.3328$ $v'=0.4993$

CCT: $T_c=4142K$ ($duv=0.00024$)

Color Ratio: $R=0.179$ $G=0.783$ $B=0.038$

Peak Wavelength: 450.6nm

Half Bandwidth: 22.5nm

Dominant Wavelength: 578.4nm

Color Purity: 0.245

CRI: $R_a=83.5$

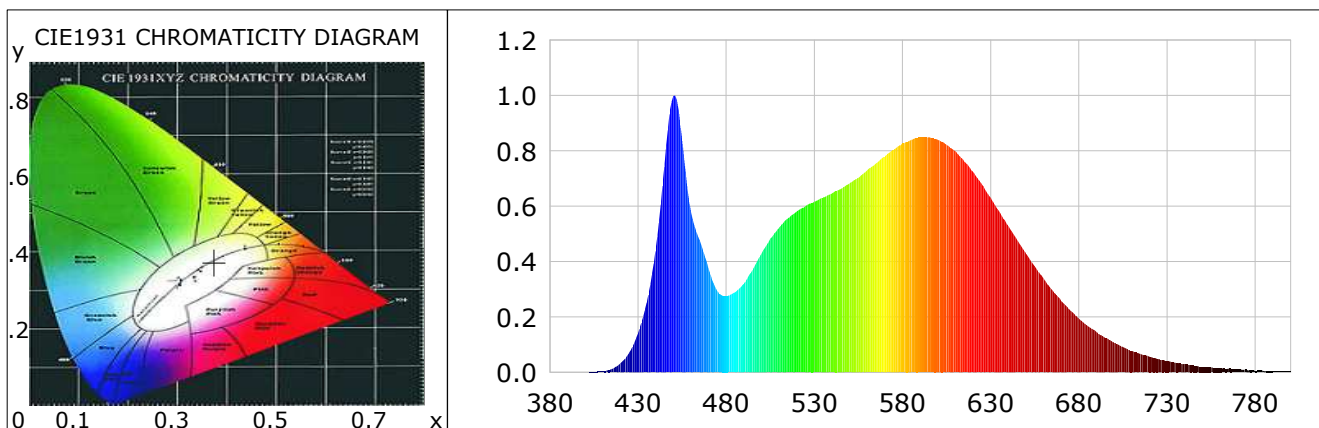
$R_1=82$ $R_2=90$ $R_3=95$ $R_4=83$ $R_5=82$ $R_6=86$ $R_7=86$ $R_8=65$

$R_9=9$ $R_{10}=75$ $R_{11}=82$ $R_{12}=63$ $R_{13}=84$ $R_{14}=98$ $R_{15}=76$

Color Quality Scale: $Q_a=83.1$, $Q_f=83.3$, $Q_p=82.9$, $Q_g=92.6$

$Q_1=82$ $Q_2=98$ $Q_3=80$ $Q_4=77$ $Q_5=82$ $Q_6=84$ $Q_7=86$ $Q_8=89$

$Q_9=98$ $Q_{10}=89$ $Q_{11}=86$ $Q_{12}=84$ $Q_{13}=84$ $Q_{14}=73$ $Q_{15}=76$



Photometric Parameters

Luminous Flux: 3941.64 lm

Efficiency: 108.14 lm/W

Radiant Power: 12.020 W

Electric Parameters

Voltage: 219.80V

Current: 0.1710A

Power: 36.45W

Power Factor: 0.9700

Frequency: 50.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 Sec

Max of Signal: 51840 (3058)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 170.00 ms

Condition: $T_x=24.1^\circ C$, $T_i=22.0^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Lisun LMS-9000A(Plus)

Test Time: 2019-10-22 11:42:07

Inspector: