

LENS LED Sheet Testing Report

Product Model

: FLS-24V-White-2835-LENS

Manufacturer

: SuperlightingLED

Test Date

: 2025-03-13

Test Machine

: HAAS-2000(EVERFINE)

Test conditions

Temperature

: 25.3Deg

Range

: 380nm-780nm

Test Mode

: Rapid Test

Humidity

: 65.0%

Peak IP

: 58905 (90%)

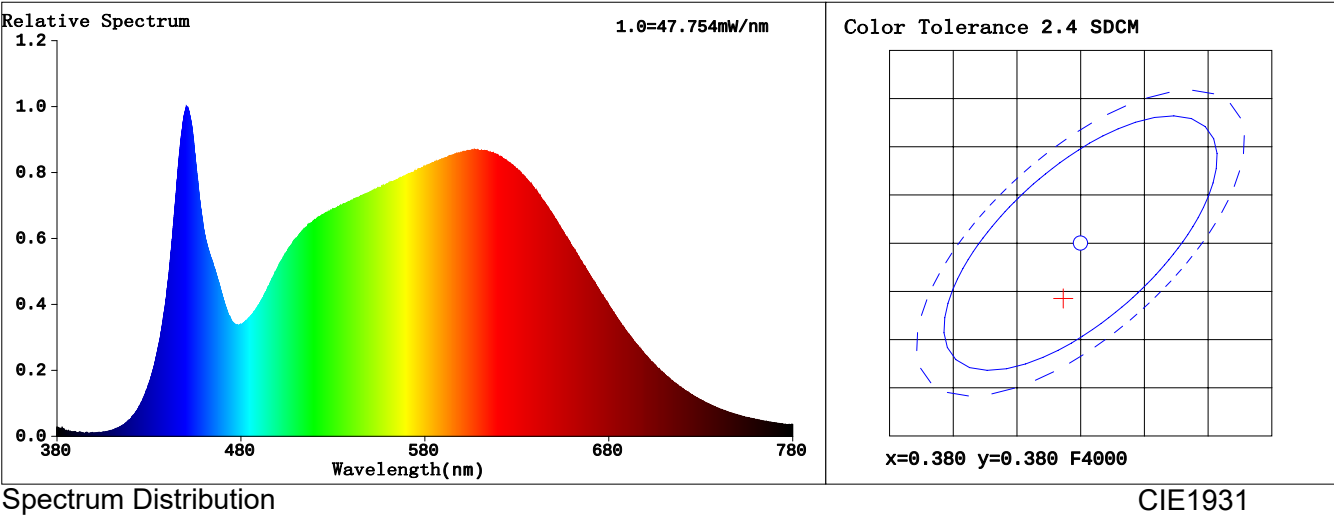
Time

: 29 ms

Sensitivity

: High

Spectral Parameter



CIE Color Parameters:

Color Coordinates: $x = 0.3786$ $y = 0.3742$ / $u' = 0.2249$ $v' = 0.5002$ ($duv=-6.55e-04$)
Color Temperature: $T_c=4031K$ Dominant Wavelength: $\lambda_d=579.3nm$ Purity=25.9%
Peak Wavelength: $\lambda_p=450nm$ Half-width: $\Delta\lambda_p=25.1nm$ Color Ratio: $R=20.9\%$ $G=75.4\%$ $B=3.7\%$

Ra=91.9

R1 =92	R2 =95	R3 =96	R4 =92	R5 =91	R6 =92	R7 =93	
R8 =84	R9 =59	R10=87	R11=92	R12=73	R13=93	R14=97	R15=89

White Light Category:ANSI_4000K

Optical Parameter:

Luminous Flux $\Phi = 2558 lm$ Light Efficiency : 85.20 lm/W Radiation Flux $\Phi_e = 8.654 W$

Electrical Parameter:

V = 24.00 V I= 1.251 A P = 30.02 W PF = 1.000