

## Spectral Test Report for Lamp

Product Type: GP-62-120  
Product No.: LED Linear Light  
Manufacture: FOJO Lighting Technology Co., LTD.

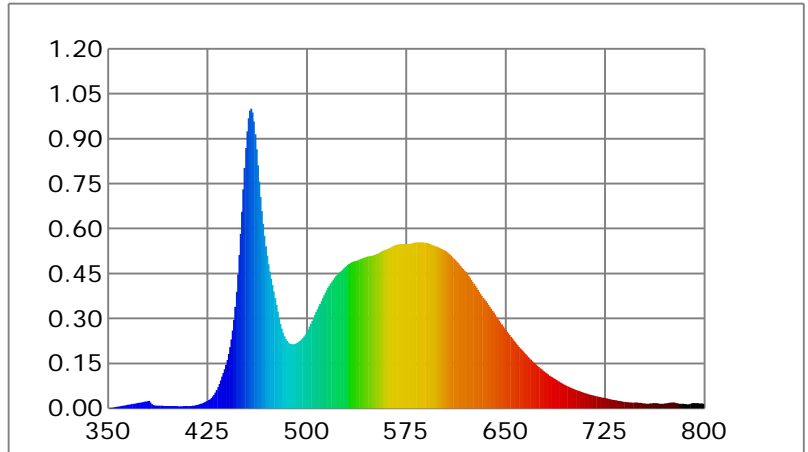
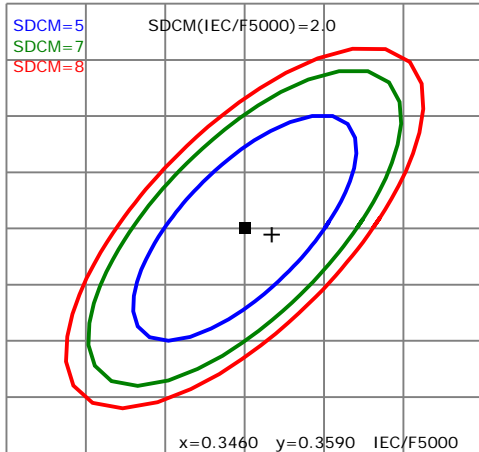
Operator:  
Test Equipment: SPEC-2000A Spectrometer  
Test Time: 2025-8-18 17:47:32

### CIE Color Parameter

Chromaticity Coordinates:  $x=0.3483$   $y=0.3584$   $u=0.2110$   $v=0.3256$   $u^*=0.2110$   $v^*=0.4884$   
Color Temperature: 4909 K ( $duv=+0.00209$ ) Color Difference:  $SDCM(IEC/F5000)=2.0$  Main WI:  $\lambda_d=484.3$  nm Purity: 0.254  
Peak Wavelength:  $\lambda_p=456.8$  FWHM:  $\Delta\lambda_p=21.2$  nm Color Ratio:  $R=0.171$   $G=0.784$   $B=0.045$

Color Rendering Index:  $R_a=81.64$  Color Fidelity:  $R_f=81.2$  Color Gamut:  $R_g=92.57$   $GAI:88.06$

$R1=78.9$   $R2=88.8$   $R3=95.2$   $R4=79.9$   $R5=80.7$   $R6=83.3$   $R7=83.1$   $R8=62.7$   
 $R9=6.2$   $R10=72.2$   $R11=77.5$   $R12=49.1$   $R13=81.8$   $R14=97.7$   $R15=72.9$



### Optical Parameter

Luminous Flux: 6987.825 lm  
Total Efficiency: 214.449 lm/W

luminous efficiency: 182.35 lm/w  
Energy Efficiency Class: A (EU 2019/2015)

Radiant flux: 21.892 W

### Electrical Parameter

Voltage(V): 219.40

Current(A): 0.1780

Power(W): 38.320

Power Factor: 0.9770

Temperature: 25.0 °C  
Test Range: 350-800nm : 1nm  
Preheat Time: 0(min)  
Absorption Coefficient: 1.0

Humidity: 65%  
Peak AD: 48451 (73.9%)  
Integral Time: 71.07 (ms)