

**Spectrum Test Report**

Product : 2835-252D-24V-IP20-4000K  
 Sample No. : 2835-252D-24V-IP20-4000K

Date : 2024-07-05  
 Instrument : HAAS-2000(EVERFINE)

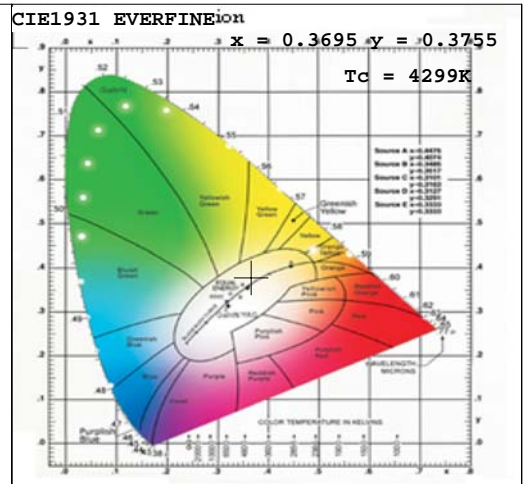
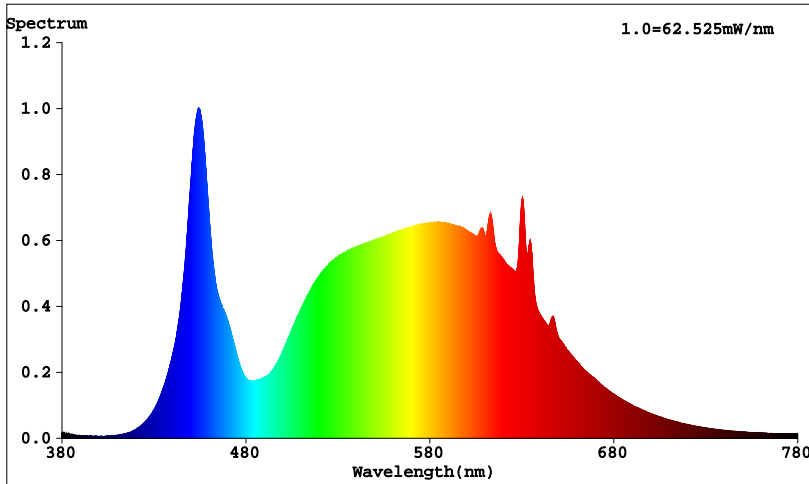
**Test Condition**

Temperature : 25.3Deg  
 Scan Range : 380nm-780nm

RH : 65.0%  
 IP : 58101 (89%)  
 T : 26 ms  
 Delicacy : High

Test Type : Fast Test

**Spectroradiometric Parameters**



Spectral Distribution

CIE1931 Chromaticity Diagram

**CIE Color Parameters:**

Chromaticity Coordinate:  $x=0.3695$   $y=0.3755$ / $u'=0.2184$   $v'=0.4994$ ( $duv=2.78e-03$ )  
 CCT: $T_c= 4299K$  Prcp WaveL:  $\lambda_p=576.2nm$  Purity=23.6%  
 Peak WaveL: $\lambda_p=455nm$  Half Width:  $\Delta\lambda_p=16.5nm$  Ratio: $R=18.6\%$   $G=78.2\%$   $B=3.2\%$

Render Index: $R_a=81.4$

$R_1=80$   $R_2=87$   $R_3=91$   $R_4=80$   $R_5=78$   $R_6=80$   $R_7=88$   
 $R_8=67$   $R_9=10$   $R_{10}=67$   $R_{11}=77$   $R_{12}=49$   $R_{13}=81$   $R_{14}=95$   $R_{15}=75$

LEVEL: WHITE:ANSI\_4000K

**Photo Parameters:**

Flux = 2530 lm Eff. : 198.54 lm/W  $F_e = 7.540 W$

**Electrical parameters:**

$V = 24.00 V$   $I = 0.5310 A$   $P = 12.74 W$   $PF = 1.000$