

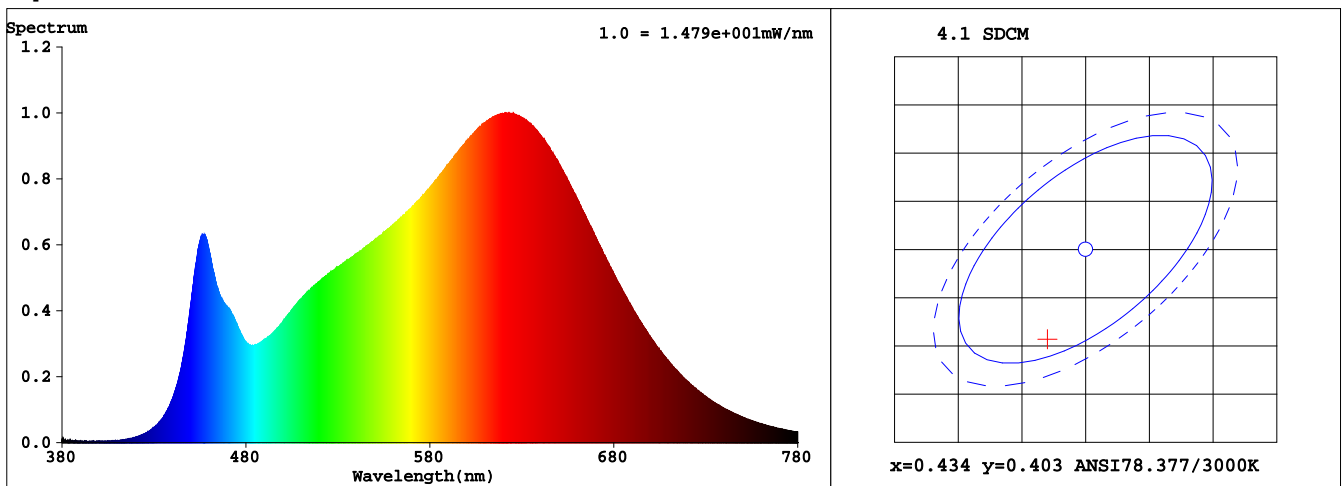
## Spectrum Test Report

|               |                                   |            |                       |
|---------------|-----------------------------------|------------|-----------------------|
| Sample        | : E24N160W30                      | Date       | : 2023-07-17 11:52:35 |
| Specification |                                   |            | : First sample test   |
| Sample No.    | :                                 | Standard   | :                     |
| Manufacturer  | :                                 | Instrument | : HaasSuite(EVERFINE) |
| Assessor      | : Gaoyifei                        |            |                       |
| Remark        | : LD180-RL2835-3000K-24-IP20-0.5M | Test by    | : Sun ren fang        |
| Device SN     | : HS-2000                         |            |                       |

### Test Condition

|             |               |    |               |
|-------------|---------------|----|---------------|
| Temperature | : 25Deg       | RH | : 60.0%       |
| WL Range    | : 380nm-780nm | IP | : 50663 (77%) |
| Test Mode   | : Fast Test   | T  | : 302 ms      |
| Sensitivity | : High        |    |               |

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4308$   $y = 0.3937$  /  $u' = 0.2511$   $v' = 0.5163$  ( $duv = -3.37e-03$ )  $Dx, Dy: -0.0048, -0.0099$   
 CCT= 3019K Prcp WL:  $L_d = 584.0nm$  Purity=47.5%  
 Peak WL:  $L_p = 621nm$  FWHM: =158.7nm Ratio:R=24.7% G=71.9% B=3.4%  
 Render Index:  $R_a = 93.9$  CRI = 92.4 TM30:Rf=91 Rg=100

EEl: 0.12321 A+

R1 =96 R2 =99 R3 =97 R4 =93 R5 =96 R6 =95 R7 =91  
 R8 =84 R9 =69 R10=99 R11=95 R12=81 R13=98 R14=99 R15=93

LEVEL:OUT

### Photometric & Radiometric Parameters

Flux = 725.74 lm Eff. : 99.38 lm/W  $F_e = 2.5673 W$

### Electrical parameters

V = 24.00 V I = 0.3043 A P = 7.303 W PF = 1.000 F=0.00 Hz