

Date : 2025-07-24 17:02:44  
Specification : AL-LS-SPSPI-24-35W-RGBW  
Sample No. : 610\*305MM RGBW R

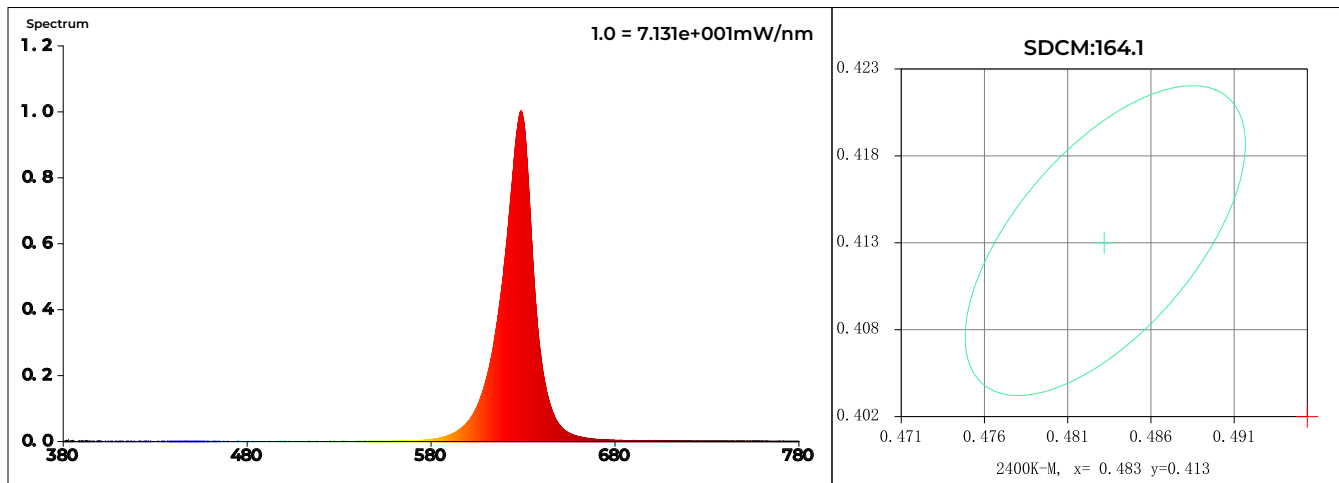
Instrument : HaasSuite(EVERFINE)  
Test by : EV  
Remark : SMT

## Test Condition

Temperature : 25.3°C  
WL Range : 380nm-780nm  
Test Mode : Fast Test High

RH : 65.0%  
IP : 53592 (82%)  
T : 52 ms

## Spectrum



## Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.6893$   $y = 0.3093$  /  $u' = 0.5171$   $v' = 0.5220$  ( $duv = -6.95e-02$ )  $Dx, Dy: 0.0366, -0.0353$

CCT  $\leq$  1000K Prcp WL:  $L_d = 619.5\text{nm}$  Purity = 99.6%

Peak WL:  $L_p = 628\text{nm}$  FWHM:  $\approx 16.7\text{nm}$  Ratio: R=94.4% G=5.6% B=0.0%

Render Index:  $R_a = 28.4$  AvgR = 31.4 TM30:Rf=0 Rg=0

TLCI=3.78

R1 =11 R2 =79 R3 =33 R4 =0 R5 =6 R6 =90 R7 =9

R8 =0 R9 =0 R10=73 R11=0 R12=78 R13=32 R14=61 R15=0

LEVEL:OUT WHITE:OUT

## Photometric & Radiometric Parameters

Flux = 323.00 lm Eff. : 31.04 lm/W  $F_e = 1.4985\text{ W}$

## Electrical parameters

V = 24.00 V I = 0.4336 A P = 10.41 W PF = 1.000 F=0.00 Hz

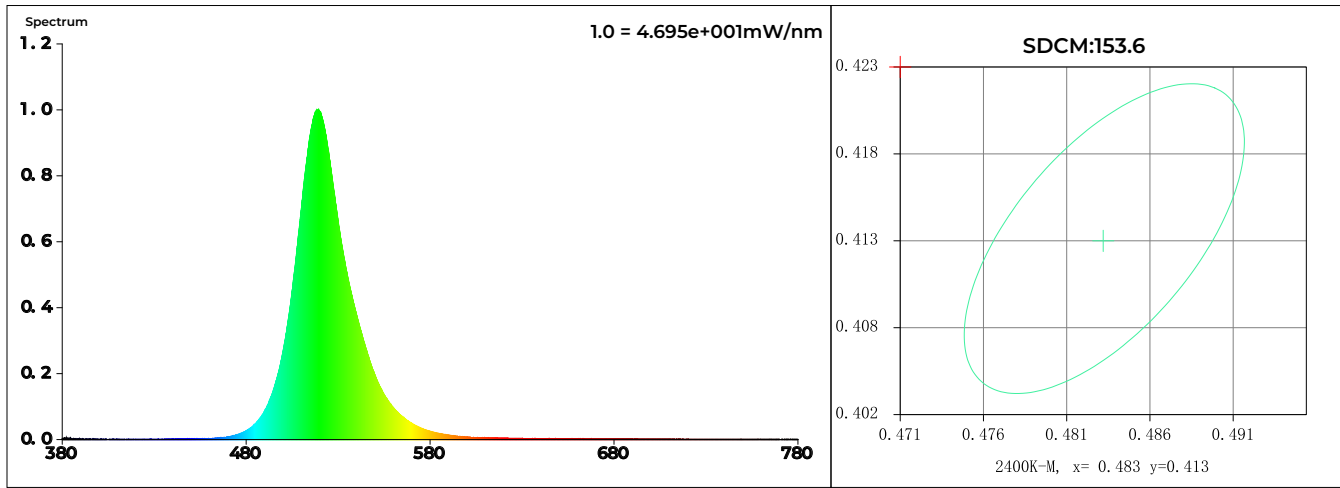
Date : 2025-07-24 17:03:04  
Specification : AL-LS-SPSPI-24-35W-RGBW  
Sample No. : 610\*305MM RGBW G

Instrument : HaasSuite(EVERFINE)  
Test by : EV  
Remark : SMT

### Test Condition

Temperature : 25.3°C  
RH : 65.0%  
WL Range : 380nm-780nm  
IP : 53589 (82%)  
Test Mode : Fast Test High  
T : 83 ms

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1579$   $y = 0.7293$  /  $u' = 0.0552$   $v' = 0.5740$  ( $duv=1.61e-01$ )  $Dx,Dy:-0.1373,0.4244$

CCT= 7998K Prcp WL: Ld=525.1nm Purity=80.4%

Peak WL: Lp=521nm FWHM: =29.0nm Ratio:R=0.3% G=97.6% B=2.0%

Render Index: Ra = 0.0 AvgR = 2.5 TM30:Rf=1 Rg=7

TLCI=2.98

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0  
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=37 R15=0

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 794.69 lm Eff. : 76.23 lm/W Fe = 1.6654 W

### Electrical parameters

V = 24.00 V I = 0.4344 A P = 10.42 W PF = 1.000 F=0.00 Hz



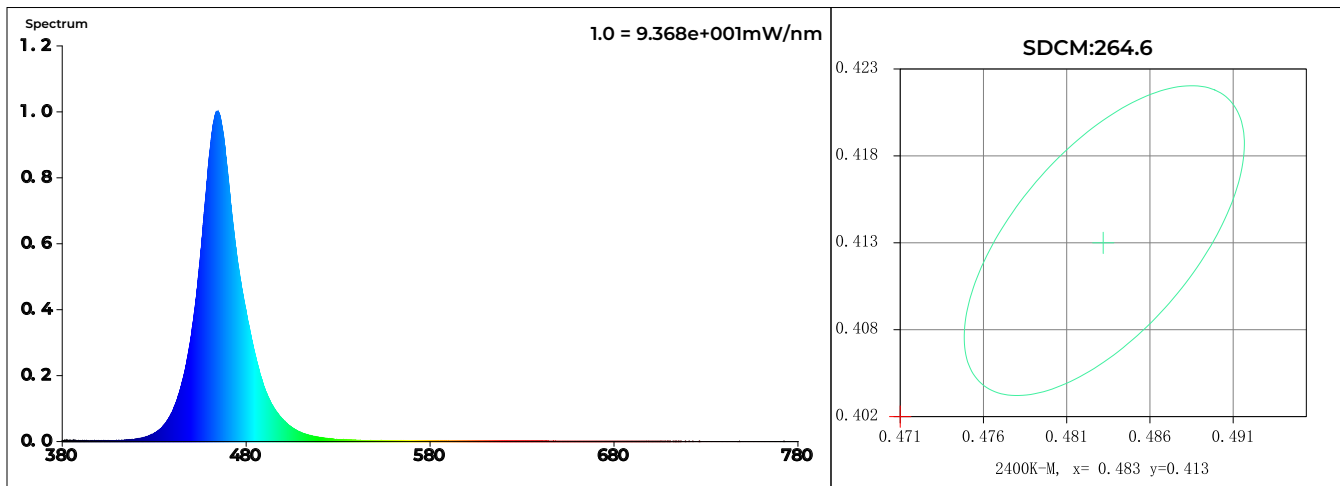
Date : 2025-07-24 17:03:13  
Specification : AL-LS-SPSPI-24-35W-RGBW  
Sample No. : 610\*305MM RGBW B

Instrument : HaasSuite(EVERFINE)  
Test by : EV  
Remark : SMT

### Test Condition

Temperature : 25.3°C  
RH : 65.0%  
WL Range : 380nm-780nm  
IP : 55599 (85%)  
Test Mode : Fast Test High  
T : 66 ms

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1341$   $y = 0.0636$  /  $u' = 0.1535$   $v' = 0.1637$  ( $duv=-1.59e-01$ )  $Dx,Dy:-0.1085,-0.1746$

CCT $\geq$ 100000K Prcp WL:  $L_d=469.0nm$  Purity=96.4%

Peak WL:  $L_p=465nm$  FWHM: =22.6nm Ratio:R=0.6% G=17.0% B=82.4%

Render Index:  $R_a = 0.6$  AvgR = 0.5 TM30:Rf=0 Rg=-101

TLCI=0.98

R1 =0 R2 =0 R3 =0 R4 =0 R5 =5 R6 =0 R7 =0  
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=2

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 185.13 lm Eff. : 17.79 lm/W  $F_e = 2.6274 W$

### Electrical parameters

V = 24.00 V I = 0.4337 A P = 10.41 W PF = 1.000 F=0.00 Hz



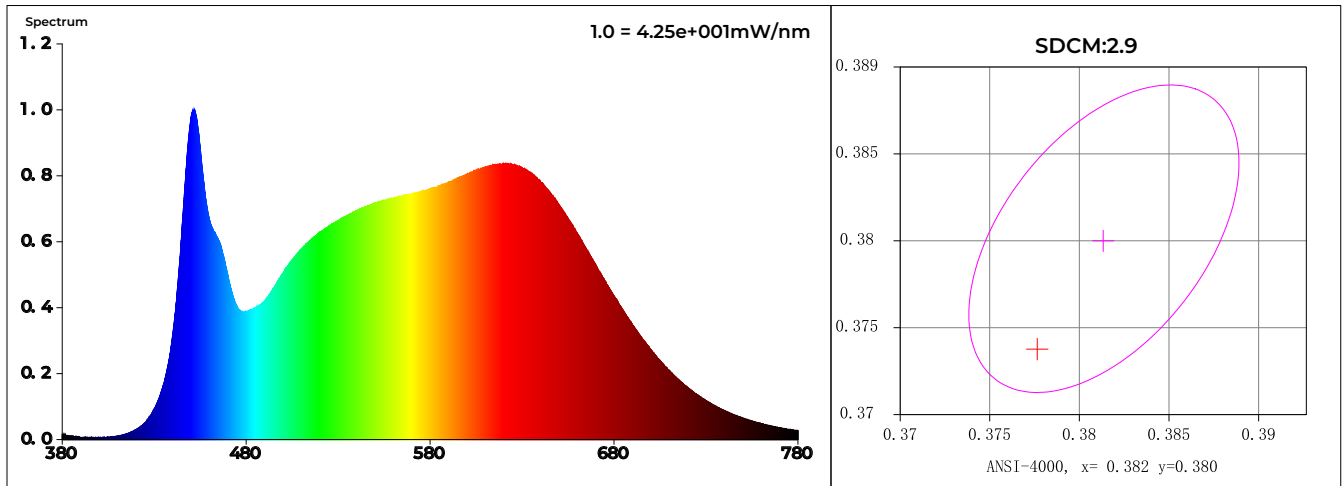
Date : 2025-07-24 17:03:25  
 Specification : AL-LS-SPSPI-24-35W-RGBW  
 Sample No. : 610\*305MM RGBW W

Instrument : HaasSuite(EVERFINE)  
 Test by : QXF  
 Remark : SMT

**Test Condition**

Temperature : 25.3°C  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test High  
 RH : 65.0%  
 IP : 52373 (80%)  
 T : 290 ms

**Spectrum**



**Colorimetric Parameters**

Chromaticity Coordinate:  $x = 0.3781$   $y = 0.3737$  /  $u' = 0.2248$   $v' = 0.4999$  ( $duv = -7.78e-04$ )  $Dx, Dy: -0.0005, -0.0020$   
 CCT= 4041K Prcp WL:  $L_d = 579.4nm$  Purity=25.6%  
 Peak WL:  $L_p = 574nm$  FWHM: =26.8nm Ratio:R=19.9% G=75.6% B=4.5%  
 Render Index:  $R_a = 95.1$  AvgR = 92.5 TM30:Rf=92 Rg=99  
 TLCI=95.12  
 R1 =96 R2 =98 R3 =97 R4 =95 R5 =95 R6 =95 R7 =95  
 R8 =90 R9 =77 R10=93 R11=95 R12=73 R13=97 R14=98 R15=94  
 LEVEL:OUT WHITE:ANSI\_4000K

**Photometric & Radiometric Parameters**

Flux = 734.44 lm Eff. : 70.86 lm/W  $F_e = 2.5556 W$

**Electrical parameters**

V = 24.00 V I = 0.4319 A P = 10.36 W PF = 1.000 F=0.00 Hz



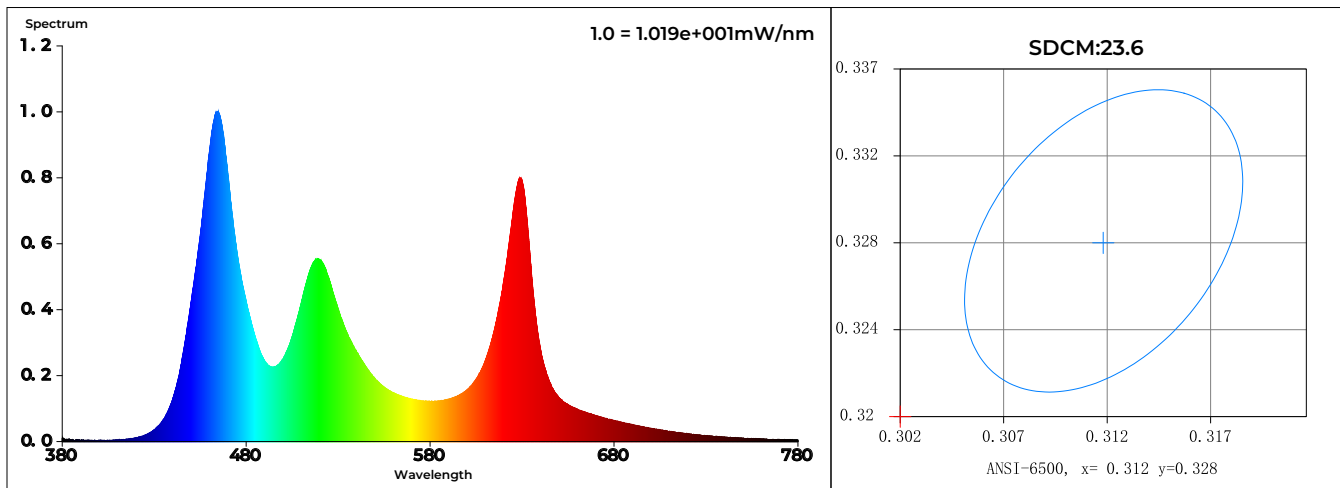
Date : 2025-07-24 17:03:35  
Specification : AL-LS-SPSPI-24-35W-RGBW  
Sample No. : 610\*305MM RGBW

Instrument : HaasSuite(EVERFINE)  
Test by : EV  
Remark : SMT

### Test Condition

Temperature : 25.3°C  
WL Range : 380nm-780nm  
Test Mode : Fast Test High  
RH : 65.0%  
IP : 54093 (83%)  
T : 46 ms

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.2879$   $y = 0.2901$  /  $u' = 0.1950$   $v' = 0.4421$  ( $duv = -3.55e-03$ )  $Dx, Dy: 0.0019, -0.0044$

CCT= 9145K Prcp WL:  $L_d = 477.9nm$  Purity=19.4%

Peak WL:  $L_p = 465nm$  FWHM: =25.2nm Ratio:R=22.2% G=67.9% B=9.9%

Render Index:  $R_a = 57.0$  AvgR = 49.8 TM30:Rf=65 Rg=112

TLCI=38.96

R1 =41 R2 =66 R3 =84 R4 =54 R5 =55 R6 =60 R7 =70

R8 =26 R9 =0 R10=24 R11=44 R12=60 R13=45 R14=88 R15=31

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 2009.7 lm Eff. : 60.70 lm/W  $F_e = 8.2368 W$

### Electrical parameters

V = 24.00 V I = 1.380 A P = 33.11 W PF = 1.000 F=0.00 Hz

