

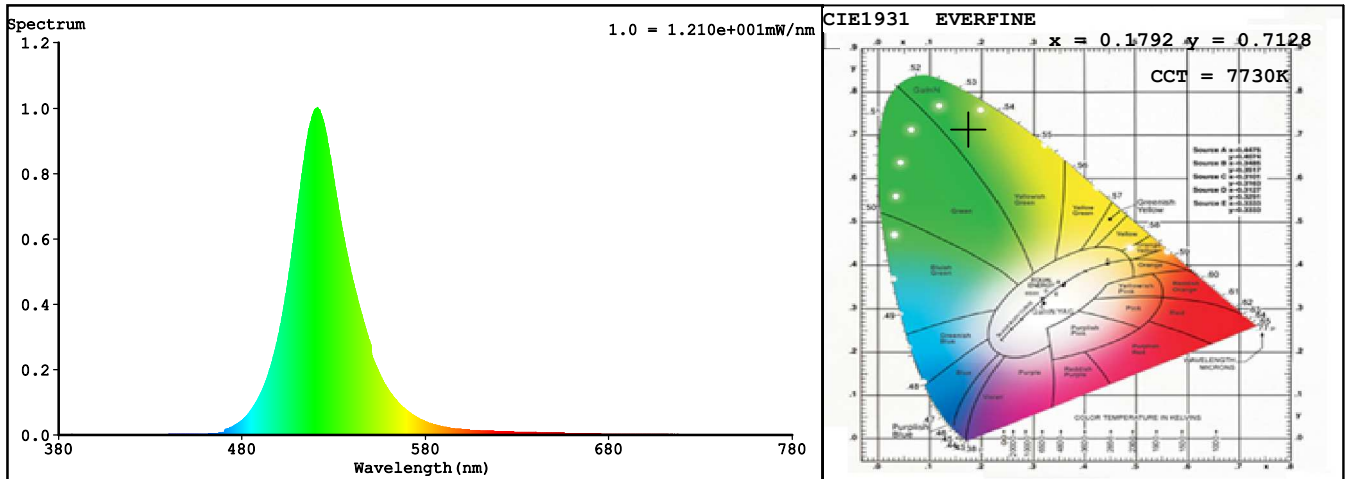
## Spectrum Test Report

Sample : DM5602410NO	Date : 2019-05-22 09:37:12
Specification : DM5602410NO-0RGBWNSI0200XC0100	Sam. Status : 1M
Sample No. : 1	Standard :
Manufacturer : COLORS	Instrument : HaasSuite(EVERFINE)
Remark : G	Test by : JYH

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 47781 (73%)
Test Mode : Accuracy Test	T : 254 ms
Sensitivity : High	

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1792$   $y = 0.7128$  /  $u' = 0.0640$   $v' = 0.5730$  ( $duv=1.53e-01$ )  
 CCT= 7730K Prcp WL:  $L_d=527.8nm$  Purity=78.7%  
 Peak WL:  $L_p=521nm$  FWHM: =33.4nm Ratio:R=0.7% G=97.0% B=2.3%

Render Index:  $R_a = 0.0$  TM30:Rf=1 Rg=10

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=43 R15=0  
 LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 236.86 lm Eff. : 39.75 lm/W Fe = 490.16 mW

### Electrical parameters

V = 24.00 V I = 0.2483 A P = 5.959 W PF = 1.000 F=0.00 Hz

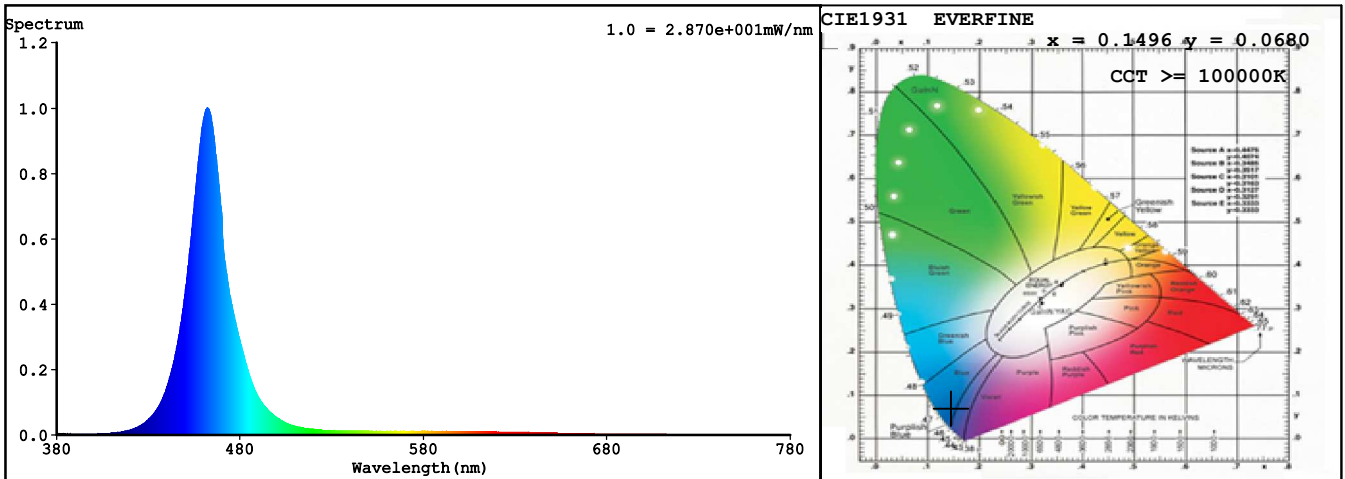
## Spectrum Test Report

Sample : DM5602410NO	Date : 2019-05-22 09:38:35
Specification : DM5602410NO-0RGBWNSI0200XC0100	Sam. Status : 1M
Sample No. : 1	Standard :
Manufacturer : COLORS	Instrument : HaasSuite(EVERFINE)
Remark : B	Test by : JYH

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 48939 (75%)
Test Mode : Accuracy Test	T : 176 ms
Sensitivity : High	

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.1496$   $y = 0.0680$  /  $u' = 0.1701$   $v' = 0.1741$  ( $duv=1.50e-01$ )  
 CCT>=100000K Prcp WL: Ld=466.3nm Purity=91.6%  
 Peak WL: Lp=462nm FWHM: =21.1nm Ratio:R=4.8% G=32.5% B=62.7%

Render Index: Ra = 13.2 TM30:Rf=0 Rg=248

R1 =51 R2 =0 R3 =0 R4 =0 R5 =55 R6 =0 R7 =0  
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=28 R14=0 R15=46  
 LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 65.464 lm Eff. : 10.98 lm/W Fe = 834.32 mW

### Electrical parameters

V = 24.00 V I = 0.2485 A P = 5.964 W PF = 1.000 F=0.00 Hz

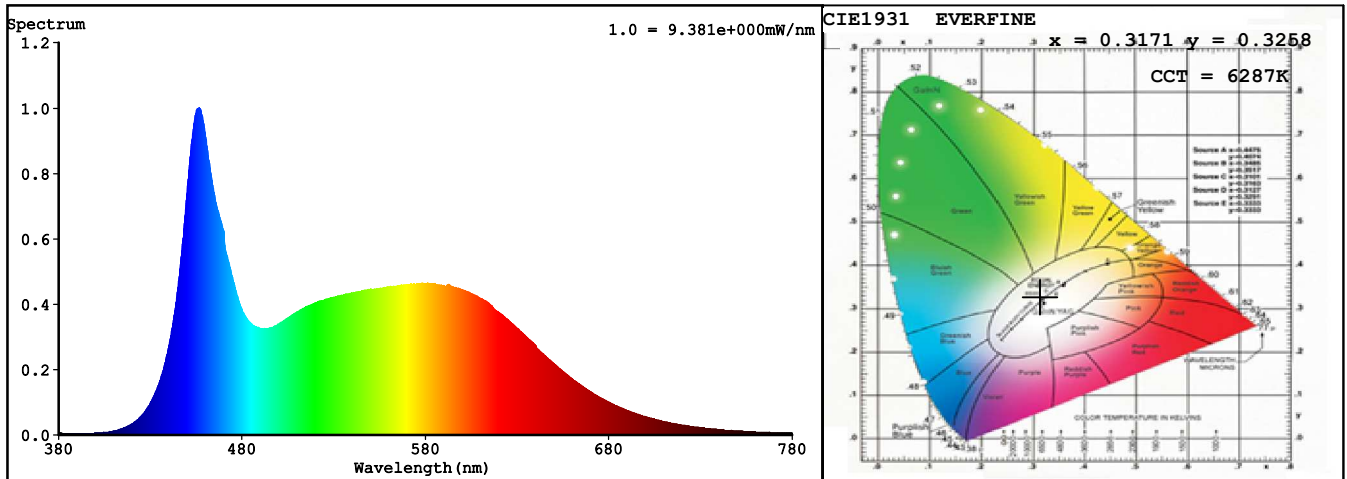
## Spectrum Test Report

Sample	: DM5602410NO	Date	: 2019-05-22 09:39:26
Specification	: DM5602410NO-0RGBWNSI0200XC0100	Sam. Status	: 1M
Sample No.	: 1	Standard	:
Manufacturer	: COLORS	Instrument	: HaasSuite(EVERFINE)
Remark	: W	Test by	: JYH

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 47447 (72%)
Test Mode	: Accuracy Test	T	: 541 ms
Sensitivity	: High		

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3171$   $y = 0.3258$  /  $u' = 0.2021$   $v' = 0.4673$  ( $duv = -6.58e-04$ )

CCT= 6287K Prcp WL:  $L_d = 485.5nm$  Purity=6.1%

Peak WL:  $L_p = 457nm$  FWHM: =28.0nm Ratio:R=15.0% G=78.1% B=6.9%

Render Index:  $R_a = 88.5$  TM30:Rf=84 Rg=95

R1 =90 R2 =98 R3 =95 R4 =84 R5 =88 R6 =91 R7 =87

R8 =76 R9 =39 R10=92 R11=85 R12=66 R13=94 R14=98 R15=87

LEVEL:OUT WHITE:ANSI\_6500K

### Photometric & Radiometric Parameters

Flux = 289.12 lm Eff. : 48.70 lm/W  $F_e = 972.79$  mW

### Electrical parameters

V = 24.00 V I = 0.2474 A P = 5.937 W PF = 1.000 F=0.00 Hz

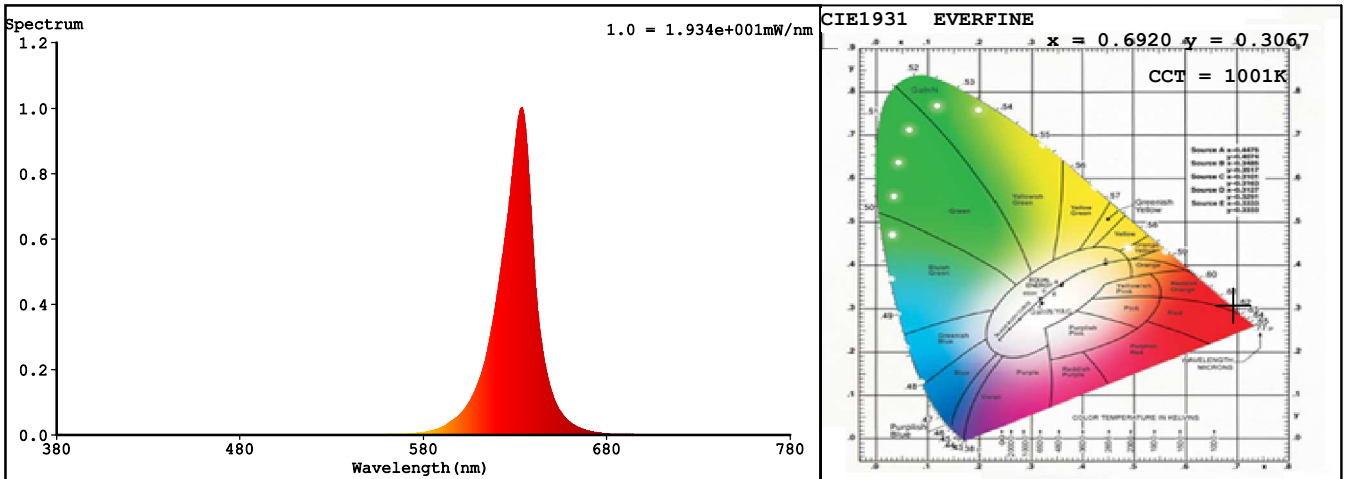
## Spectrum Test Report

Sample : DM5602410NO	Date : 2019-05-22 09:40:22
Specification : DM5602410NO-0RGBWNSI0200XC0100	Sam. Status : 1M
Sample No. :	Standard :
Manufacturer : COLORS	Instrument : HaasSuite(EVERFINE)
Remark : R	Test by : JYH

### Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 49867 (76%)
Test Mode : Accuracy Test	T : 135 ms
Sensitivity : High	

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.6920$   $y = 0.3067$  /  $u' = 0.5226$   $v' = 0.5212$  ( $duv = -7.50e-02$ )  
 CCT= 1001K Prcp WL:  $L_d = 620.9 \text{ nm}$  Purity=99.6%  
 Peak WL:  $L_p = 633 \text{ nm}$  FWHM: =18.6nm Ratio:R=93.3% G=6.6% B=0.0%

Render Index:  $R_a = 30.8$  TM30:Rf=22 Rg=-1

R1 =13 R2 =78 R3 =39 R4 =0 R5 =10 R6 =88 R7 =18  
 R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=33 R14=65 R15=0  
 LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 87.606 lm Eff. : 14.65 lm/W  $F_e = 452.81 \text{ mW}$

### Electrical parameters

V = 24.00 V I = 0.2492 A P = 5.980 W PF = 1.000 F=0.00 Hz

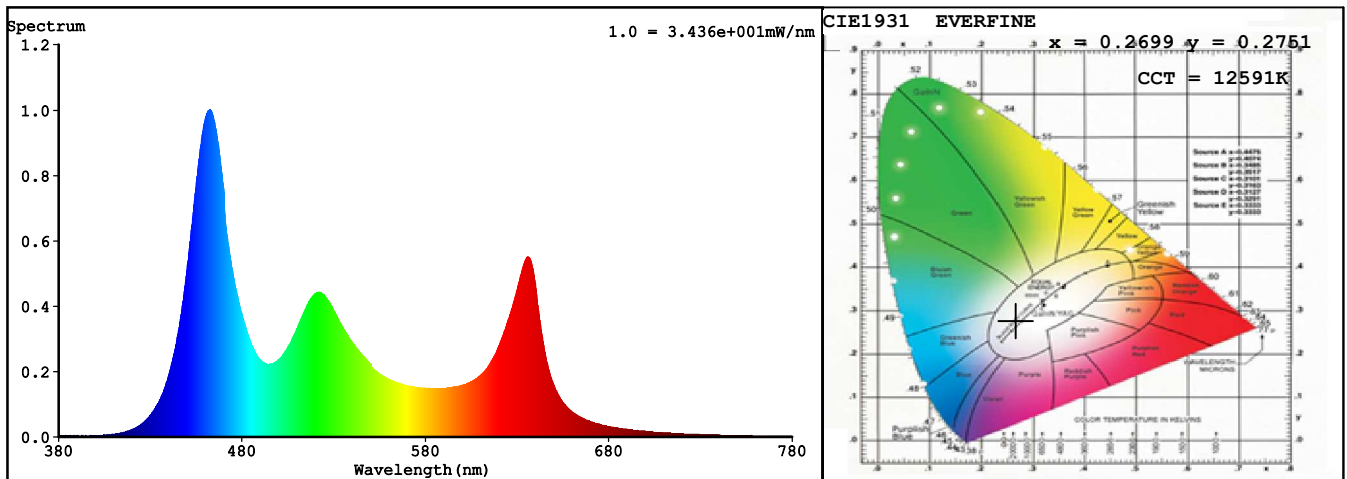
## Spectrum Test Report

Sample	: DM5602410NO	Date	: 2019-05-22 09:57:40
Specification	: DM5602410NO-0RGBWNSI0200XC0100	Sam. Status	: 1M
Sample No.	: 1	Standard	:
Manufacturer	: COLORS	Instrument	: HaasSuite(EVERFINE)
Remark	: RGBW	Test by	: JYH

### Test Condition

Temperature	: 25.3Deg	RH	: 65.0%
WL Range	: 380nm-780nm	IP	: 48277 (74%)
Test Mode	: Accuracy Test	T	: 135 ms
Sensitivity	: High		

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.2699$   $y = 0.2751$  /  $u' = 0.1874$   $v' = 0.4297$  ( $duv = -8.06e-05$ )

CCT= 12591K Prcp WL:  $L_d = 478.5nm$  Purity=26.9%

Peak WL:  $L_p = 463nm$  FWHM: =25.3nm Ratio:R=17.6% G=72.1% B=10.3%

Render Index:  $R_a = 74.3$  TM30:Rf=73 Rg=109

R1 =65 R2 =79 R3 =92 R4 =75 R5 =75 R6 =80 R7 =79

R8 =50 R9 =0 R10=57 R11=73 R12=66 R13=66 R14=92 R15=53

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 638.20 lm Eff. : 36.37 lm/W  $F_e = 2.6003$  W

### Electrical parameters

V = 24.00 V I = 0.7313 A P = 17.55 W PF = 1.000 F=0.00 Hz