

## LEDTech RGBCW LED Downlighter DMX

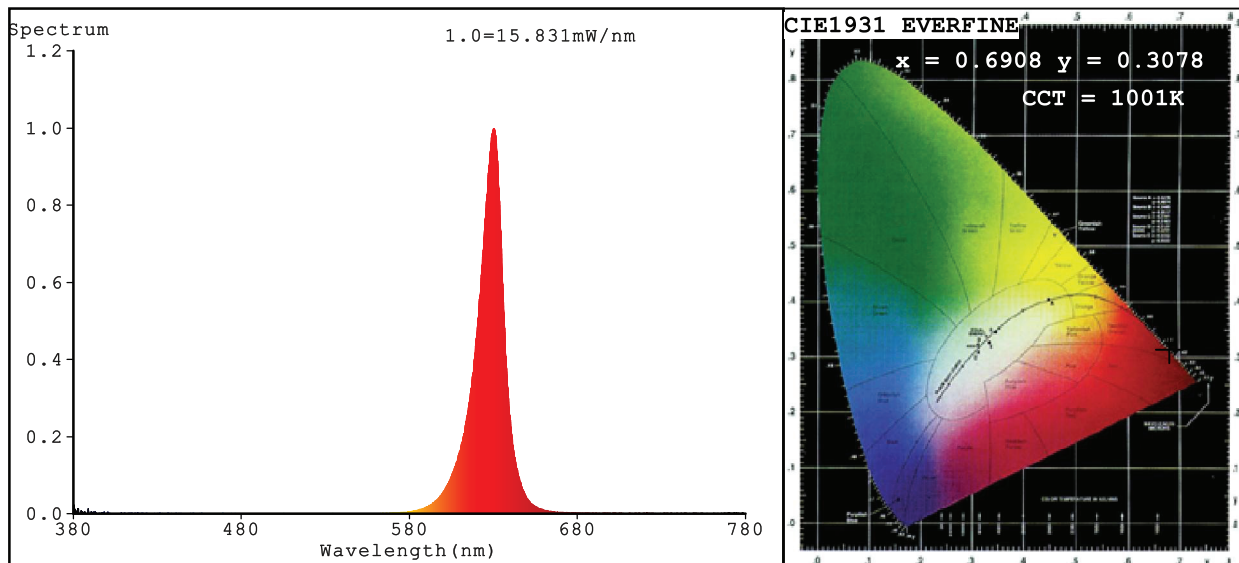
ImageObject Trial Version



EVERFINE CAS-200 Test Report

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### Spectrum Test Report



#### Color Parameters:

Chromaticity Coordinate:  $x=0.6908$   $y=0.3078$   $u'=0.5201$   $v'=0.5215$

CCT=1001K (Duv=-0.0726) Dominant WL:Ld =620.3nm Purity=99.6%

Ratio:R=94.8% G=5.1% B=0.0% Peak WL:Lp=630.3nm FWHM=15.7nm

Render Index:Ra=27.6

R1 =9 R2 =79 R3 =31 R4 =0 R5 =4 R6 =90 R7 =8

R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=31 R14=60 R15=0

#### Photo Parameters:

Flux = 66.42 lm Eff. : 40.33 lm/W Fe = 314.4 mW

Photosynthetic:PPF:1.6364umol/m2/s PAR WATT:312.73mW/m2 (400-700nm)

#### Electrical parameters:

V = 24.008 V I = 0.06860 A P = 1.647 W PF = 1.000

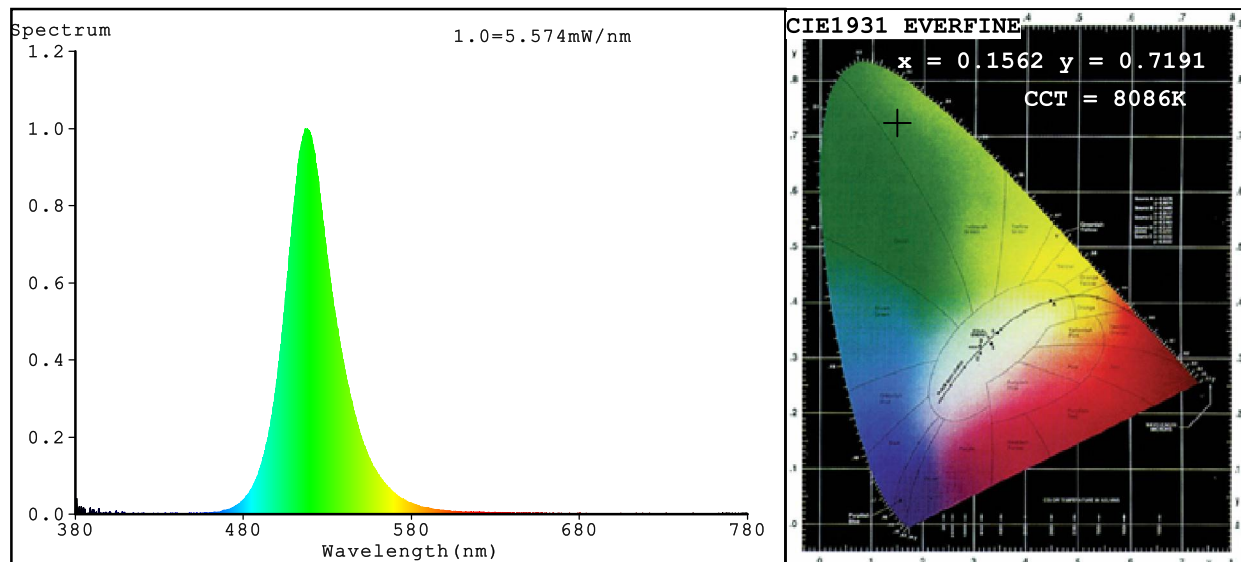
LEVEL:OUT WHITE:OUT

Status: Integral T = 247 ms Ip = 34072 (52%)

Model:RGBW-5 24VDC  
Tester:JOE  
Temperature:23.5Deg  
Manufacturer:

Number:399  
Date:2019-03-08  
Humidity:65.0%  
Remarks:

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.1562$   $y=0.7191$   $u'=0.0552$   $v'=0.5719$

CCT=8086K (Duv=0.1606) Dominant WL:  $L_d = 524.0nm$  Purity=77.8%

Ratio: R=0.4% G=97.0% B=2.6% Peak WL:  $L_p = 516.9nm$  FWHM=31.5nm

Render Index:  $R_a = 0.0$

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 = 39	R15 = 0

## Photo Parameters:

Flux = 98.09 lm Eff. : 49.17 lm/W  $F_e = 211.4$  mW

Photosynthetic: PPF: 0.91993  $\mu mol/m^2/s$  PAR WATT: 210.49 mW/m<sup>2</sup> (400-700nm)

## Electrical parameters:

V = 24.008 V I = 0.08310 A P = 1.995 W PF = 1.000

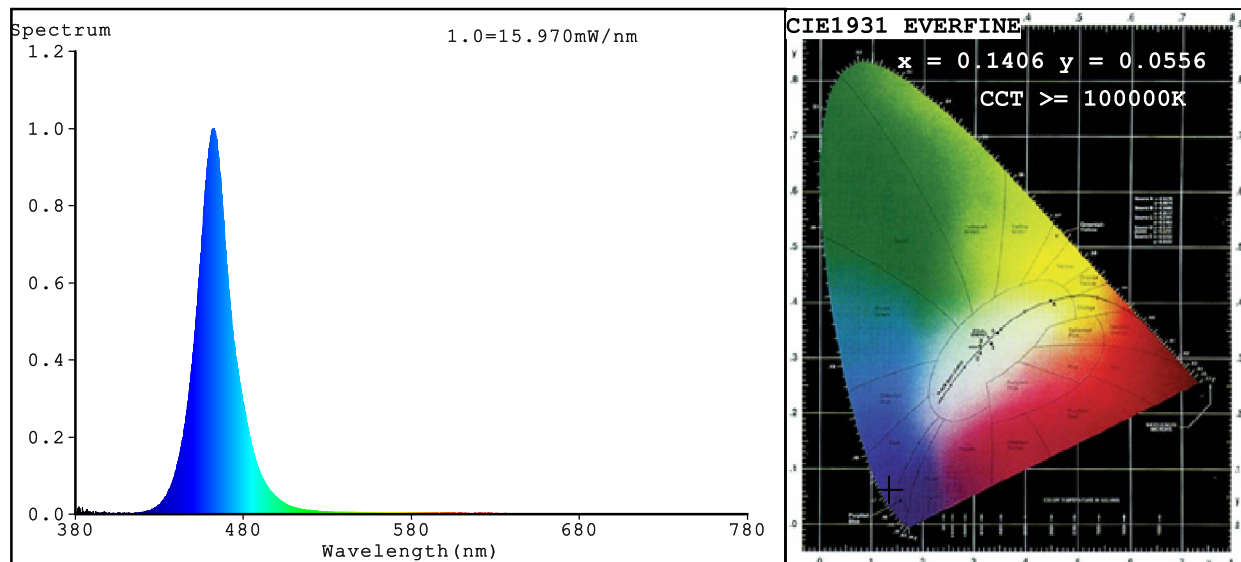
LEVEL: OUT WHITE: OUT

Status: Integral T = 715 ms  $I_p = 43749$  (67%)

Model: RGBW-5 24VDC  
Tester: JOE  
Temperature: 23.5 Deg  
Manufacturer:

Number: 400  
Date: 2019-03-08  
Humidity: 65.0%  
Remarks:

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.1406$   $y=0.0556$   $u'=0.1661$   $v'=0.1477$

CCT=100000K(Duv=0.1681) Dominant WL:Ld =466.4nm Purity=96.0%

Ratio:R=1.6% G=18.5% B=79.9% Peak WL:Lp=462.1nm FWHM=21.2nm

Render Index:Ra=2.8

R1 =5	R2 =0	R3 =0	R4 =0	R5 =18	R6 =0	R7 =0	
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=0	R15=15

## Photo Parameters:

Flux = 27.84 lm Eff. : 13.13 lm/W Fe = 428.7 mW

Photosynthetic:PPF:1.6628umol/m2/s PAR WATT:427.1mW/m2(400-700nm)

## Electrical parameters:

V = 24.008 V I = 0.08830 A P = 2.120 W PF = 1.000

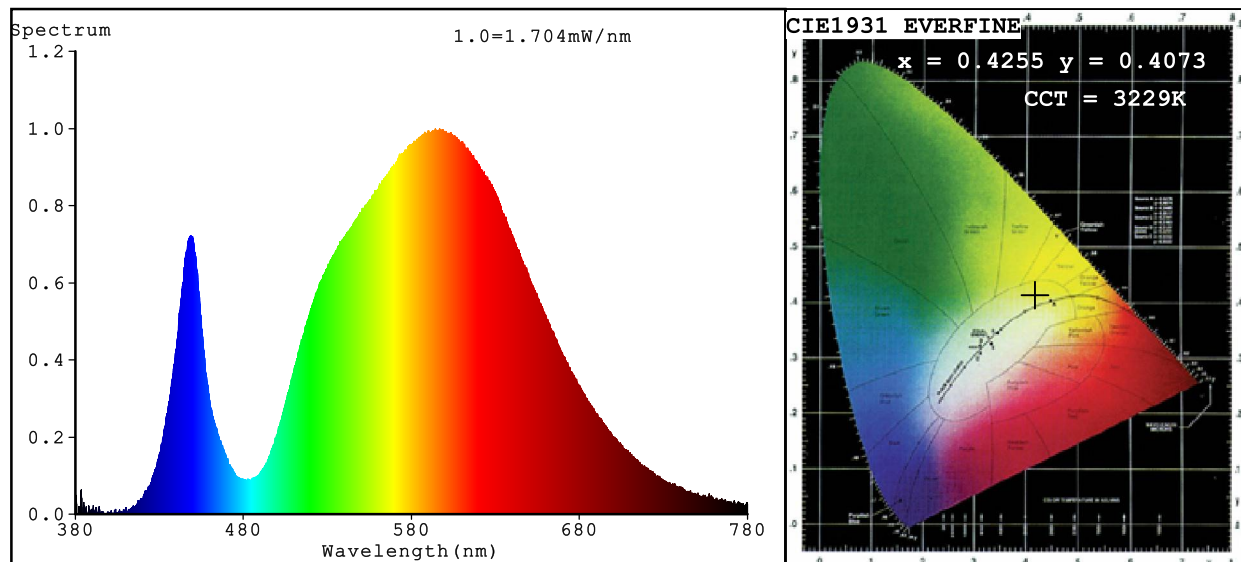
LEVEL:OUT WHITE:OUT

Status: Integral T = 357 ms Ip = 39514 (60%)

Model:RGBW-5 24VDC  
Tester:JOE  
Temperature:23.5Deg  
Manufacturer:

Number:401  
Date:2019-03-08  
Humidity:65.0%  
Remarks:

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4255$   $y=0.4073$   $u'=0.2418$   $v'=0.5210$

$CCT=3229K$  ( $Duv=0.0031$ ) Dominant WL:  $L_d = 580.8nm$  Purity=50.0%

Ratio:  $R=20.4\%$   $G=77.9\%$   $B=1.6\%$  Peak WL:  $L_p=596.9nm$  FWHM=143.7nm

Render Index:  $R_a=75.6$

$R1 = 74$   $R2 = 81$   $R3 = 87$   $R4 = 75$   $R5 = 72$   $R6 = 72$   $R7 = 84$

$R8 = 60$   $R9 = 0$   $R10=54$   $R11=71$   $R12=44$   $R13=74$   $R14=92$   $R15=69$

## Photo Parameters:

Flux = 92.52 lm Eff. : 47.87 lm/W Fe = 276.8 mW

Photosynthetic: PPF: 1.2771  $\mu mol/m^2/s$  PAR WATT: 265.41 mW/m<sup>2</sup> (400-700nm)

## Electrical parameters:

$V = 24.008 V$   $I = 0.08050 A$   $P = 1.933 W$  PF = 1.000

LEVEL: OUT WHITE: ANSI\_3500K

Status: Integral T = 1957 ms  $I_p = 35909$  (55%)

Model: RGBW-5 24VDC  
Tester: JOE  
Temperature: 23.5Deg  
Manufacturer:

Number: 402  
Date: 2019-03-08  
Humidity: 65.0%  
Remarks: