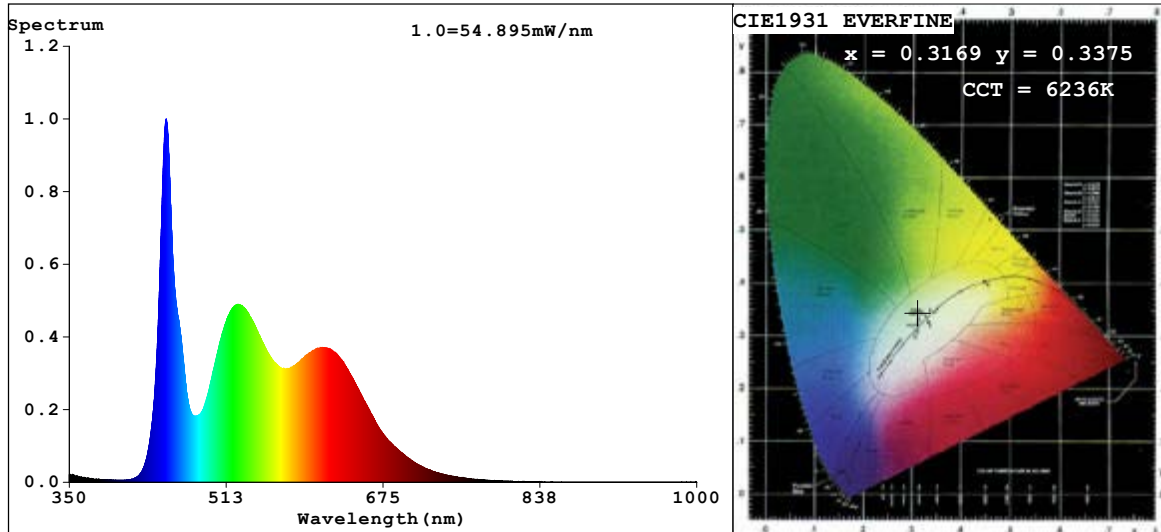


# Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3169$   $y=0.3375$  /  $u'=0.1976$   $v'=0.4734$

CCT=6236K (Duv=0.0054) Dominant WL:  $\lambda_d = 495.0\text{nm}$  Purity=5.3%

Ratio: R=16.1% G=78.6% B=5.3% Peak WL:  $\lambda_p = 450.5\text{nm}$  FWHM=17.5nm

Render Index: Ra=94.5 AvgR=91.1

R1 =99	R2 =94	R3 =88	R4 =93	R5 =97	R6 =92	R7 =96	
R8 =96	R9 =85	R10=85	R11=87	R12=66	R13=98	R14=93	R15=97

## Photo Parameters:

Flux = 1483 lm Eff. : 122.90 lm/W  $F_e = 5.076$  W

## Electrical parameters:

V = 23.997 V I = 0.5028 A P = 12.07 W PF = 1.000

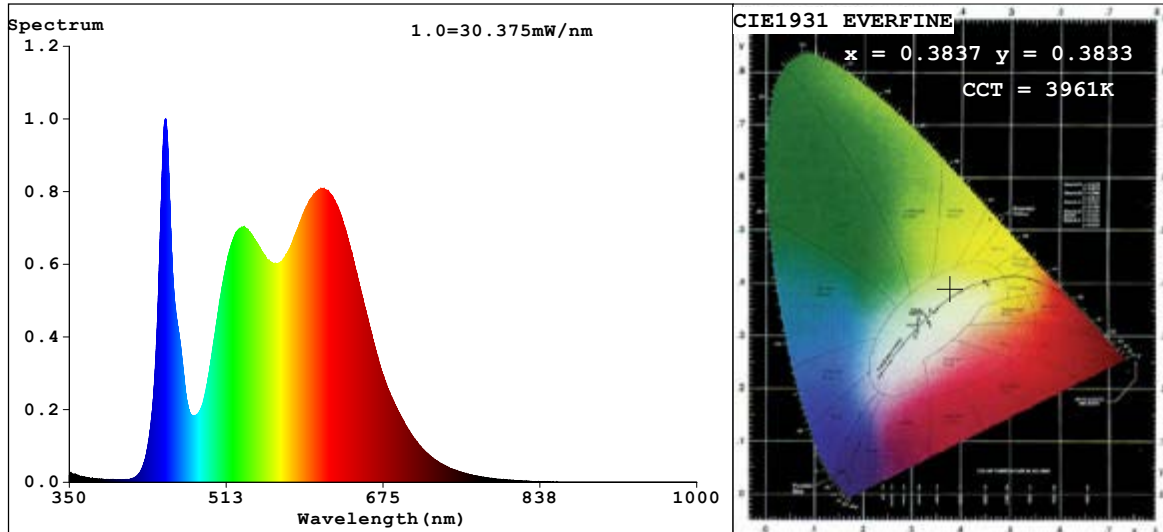
LEVEL:OUT WHITE:ANSI\_6500K

Status: Integral T = 85 ms  $I_p = 33394$  (51%)

Model:480D COB 3000K IP20  
Tester:  
Temperature:25.3Deg

Number:403  
Date:2024-04-20 14:08:45  
Humidity:65.0%  
Remarks:1M

# Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3837$   $y=0.3833$   $u'=0.2246$   $v'=0.5049$   
CCT=3961K(Duv=0.0021) Dominant WL:Ld =578.2nm Purity=30.2%  
Ratio:R=20.3% G=76.5% B=3.2% Peak WL:Lp=449.8nm FWHM=16.9nm  
Render Index:Ra=92.5 AvgR=88.3

R1 =96	R2 =93	R3 =90	R4 =94	R5 =94	R6 =91	R7 =95	
R8 =87	R9 =61	R10=83	R11=92	R12=68	R13=95	R14=94	R15=91

## Photo Parameters:

Flux = 1420 lm Eff. : 116.16 lm/W Fe = 4.552 W

## Electrical parameters:

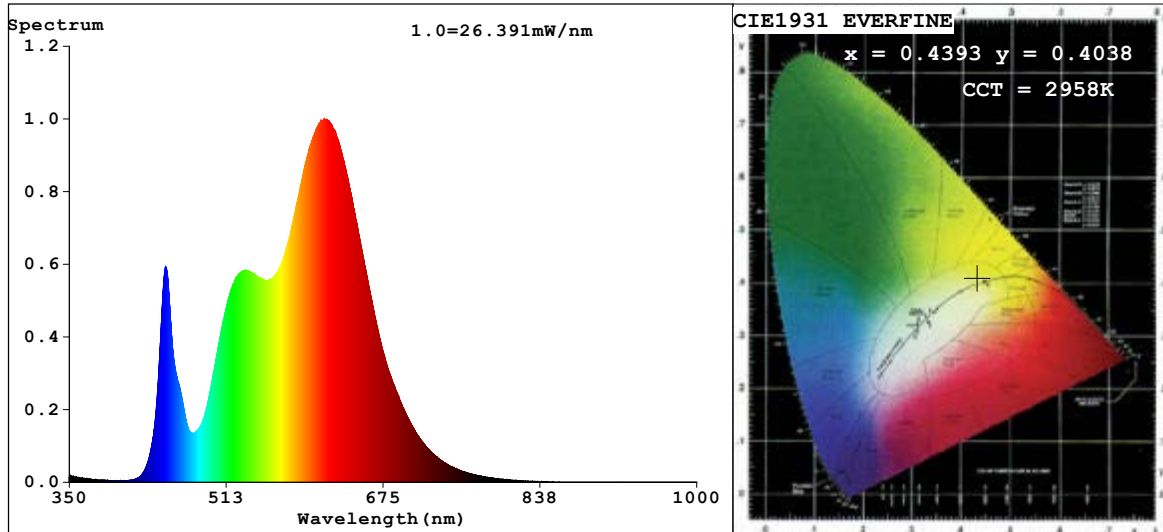
V = 23.997 V I = 0.5094 A P = 12.22 W PF = 1.000  
LEVEL:OUT WHITE:ANSI\_4000K

Status: Integral T = 170 ms Ip = 38413 (59%)

Model:480D COB 4000K IP20  
Tester:  
Temperature:25.3Deg

Number:401  
Date:2024-04-20 14:04:35  
Humidity:65.0%  
Remarks:1M

# Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4393$   $y=0.4038$  /  $u'=0.2522$   $v'=0.5216$   
CCT=2958K (Duv=-0.0004) Dominant WL:  $\lambda_d = 583.2$ nm Purity=53.1%  
Ratio: R=25.2% G=72.5% B=2.3% Peak WL:  $\lambda_p = 614.3$ nm FWHM=149.0nm  
Render Index: Ra=93.4 AvgR=89.8

R1 =96	R2 =97	R3 =96	R4 =96	R5 =96	R6 =96	R7 =91	
R8 =79	R9 =51	R10=91	R11=93	R12=82	R13=97	R14=97	R15=89

## Photo Parameters:

Flux = 1220 lm Eff. : 98.79 lm/W Fe = 3.932 W

## Electrical parameters:

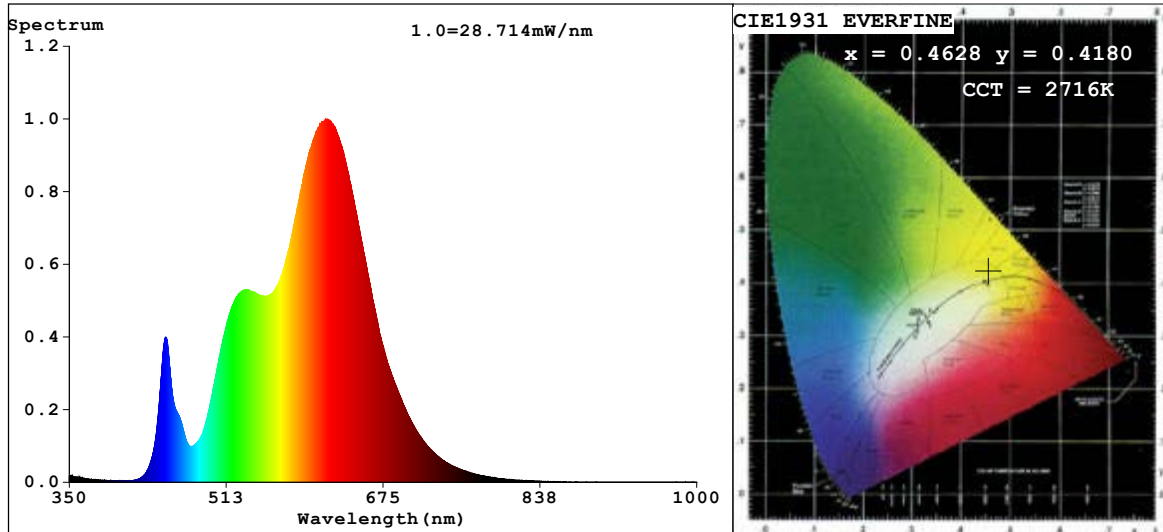
V = 23.997 V I = 0.5148 A P = 12.35 W PF = 1.000  
LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 170 ms Ip = 40559 (62%)

Model:480D COB 3000K IP20  
Tester:  
Temperature:25.3Deg

Number:400  
Date:2024-04-20 14:00:42  
Humidity:65.0%  
Remarks:1M

## Spectrum Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.4628$   $y=0.4180$  /  $u'=0.2611$   $v'=0.5306$

CCT=2716K (Duv=0.0024) Dominant WL:Ld =583.4nm Purity=64.4%

Ratio:R=26.7% G=71.4% B=1.9% Peak WL:Lp=615.6nm FWHM=143.5nm

Render Index:Ra=93.1 AvgR=89.1

R1 =95	R2 =96	R3 =97	R4 =97	R5 =95	R6 =97	R7 =91	
R8 =77	R9 =46	R10=90	R11=94	R12=83	R13=96	R14=97	R15=86

### Photo Parameters:

Flux = 1260 lm Eff. : 102.30 lm/W Fe = 4.060 W

### Electrical parameters:

V = 23.997 V I = 0.5131 A P = 12.31 W PF = 1.000

LEVEL:OUT WHITE:ANSI\_2700K

Status: Integral T = 170 ms Ip = 43903 (67%)

Model:480D COB 3000K IP20  
Tester:  
Temperature:25.3Deg

Number:402  
Date:2024-04-20 14:07:55  
Humidity:65.0%  
Remarks:1M