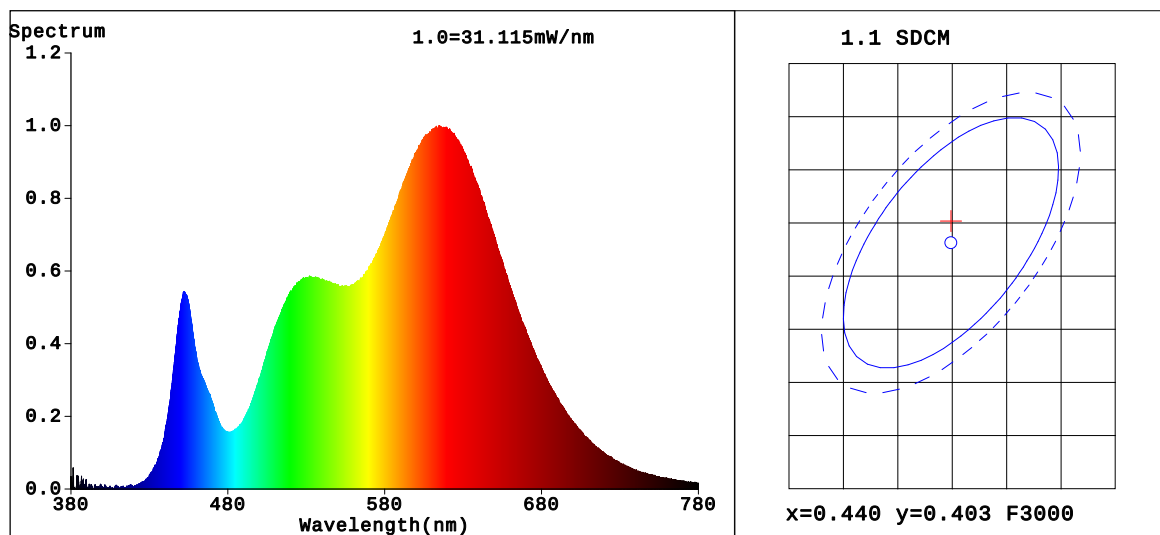


## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4400$   $y=0.4051$   $u'=0.2521$   $v'=0.5222$

CCT=2957K(Duv=-0.0000) Dominant WL:Ld =583.0nm Purity=53.7%

Ratio:R=25.2% G=72.3% B=2.4% Peak WL:Lp=614.6nm FWHM=149.1nm

Render Index:Ra=94.0

R1 =96 R2 =97 R3 =97 R4 =97 R5 =96 R6 =97 R7 =91

R8 =80 R9 =53 R10=92 R11=95 R12=80 R13=97 R14=97 R15=89

## Photo Parameters:

Flux = 1441 lm Eff. : 93.62 lm/W Fe = 4.642 W

## Electrical parameters:

V = 217.50 V I = 0.07800 A P = 15.39 W PF = 0.9020

LEVEL:OUT

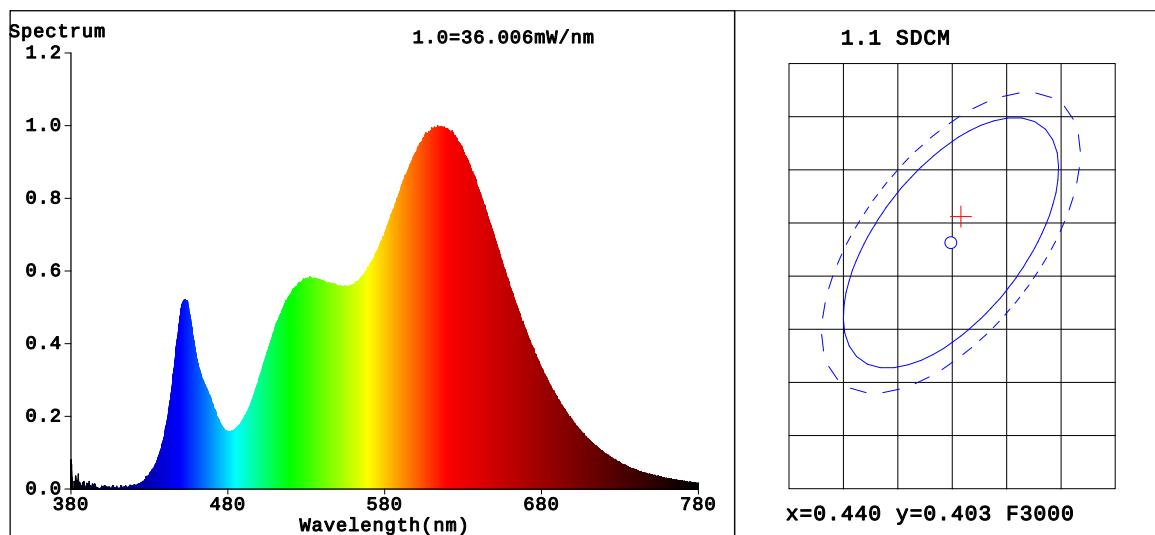
WHITE:ANSI\_3000K

Status: Integral T = 285 ms Ip = 48135 (73%)

Model:10-20W-3000K-220V  
Tester:DAMIN  
Temperature:25.3Deg  
Manufacturer:EVERFINE

Number:10-20W-3000K-220V  
Date:2025-12-18  
Humidity:65.0%  
Remarks:---

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4409$   $y=0.4055$   $u'=0.2525$   $v'=0.5225$

CCT=2946K(Duv=0.0000) Dominant WL:Ld =583.0nm Purity=54.0%

Ratio:R=25.3% G=72.3% B=2.4% Peak WL:Lp=613.8nm FWHM=149.8nm

Render Index:Ra=93.8

R1 =96 R2 =97 R3 =98 R4 =97 R5 =96 R6 =97 R7 =91

R8 =79 R9 =51 R10=92 R11=95 R12=81 R13=97 R14=98 R15=89

## Photo Parameters:

Flux = 1669 lm Eff. : 89.13 lm/W Fe = 5.374 W

## Electrical parameters:

V = 227.40 V I = 0.09000 A P = 18.72 W PF = 0.9110

LEVEL:OUT

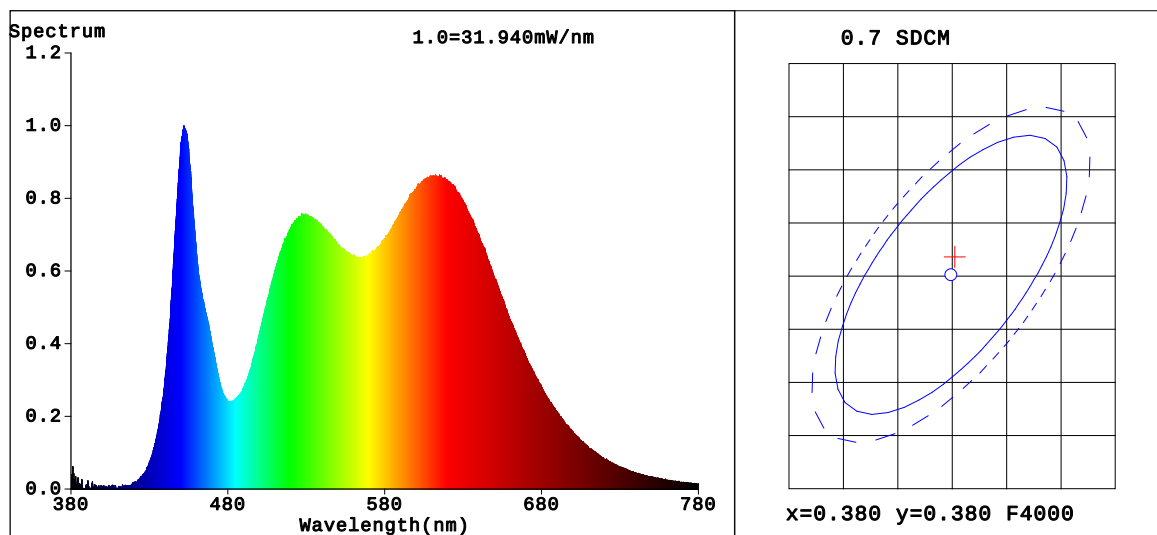
WHITE:ANSI\_3000K

Status: Integral T = 253 ms Ip = 49751 (76%)

Model:10-20W-3000K-230V  
Tester:DAMIN  
Temperature:25.3Deg  
Manufacturer:EVERFINE

Number:10-20W-3000K-230V  
Date:2025-12-18  
Humidity:65.0%  
Remarks:---

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3803$   $y=0.3817$   $u'=0.2231$   $v'=0.5037$

CCT=4038K(Duv=0.0023) Dominant WL:Ld =577.7nm Purity=28.7%

Ratio:R=20.2% G=76.2% B=3.6% Peak WL:Lp=452.1nm FWHM=21.5nm

Render Index:Ra=94.4

R1 =97 R2 =96 R3 =93 R4 =97 R5 =95 R6 =94 R7 =96

R8 =88 R9 =65 R10=87 R11=94 R12=68 R13=97 R14=95 R15=92

## Photo Parameters:

Flux = 1595 lm Eff. : 104.57 lm/W Fe = 5.114 W

## Electrical parameters:

V = 217.40 V I = 0.07700 A P = 15.25 W PF = 0.9010

LEVEL:OUT

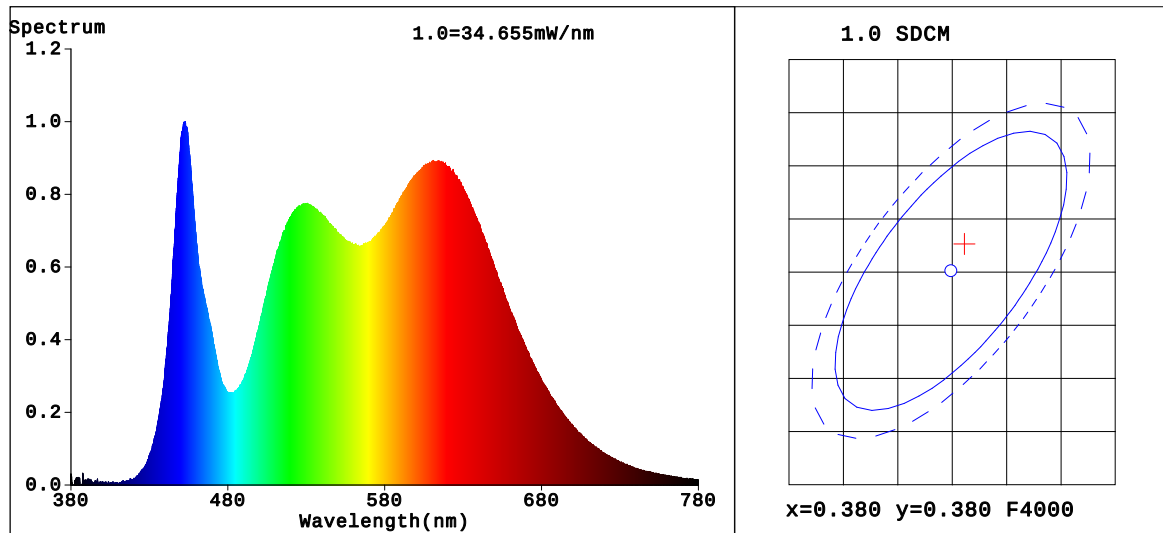
WHITE:ANSI\_4000K

Status: Integral T = 253 ms Ip = 38432 (59%)

Model:11-20W-4000K-220V  
Tester:DAMIN  
Temperature:25.3Deg  
Manufacturer:EVERFINE

Number:11-20W-4000K-220V  
Date:2025-12-18  
Humidity:65.0%  
Remarks:---

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3812$   $y=0.3825$   $u'=0.2233$   $v'=0.5042$

CCT=4021K(Duv=0.0024) Dominant WL:Ld =577.7nm Purity=29.2%

Ratio:R=20.2% G=76.2% B=3.6% Peak WL:Lp=452.9nm FWHM=22.4nm

Render Index:Ra=94.3

R1 =97 R2 =96 R3 =93 R4 =97 R5 =95 R6 =94 R7 =96

R8 =87 R9 =64 R10=87 R11=94 R12=69 R13=97 R14=95 R15=92

## Photo Parameters:

Flux = 1786 lm Eff. : 96.20 lm/W Fe = 5.724 W

## Electrical parameters:

V = 227.40 V I = 0.08900 A P = 18.57 W PF = 0.9130

LEVEL:OUT

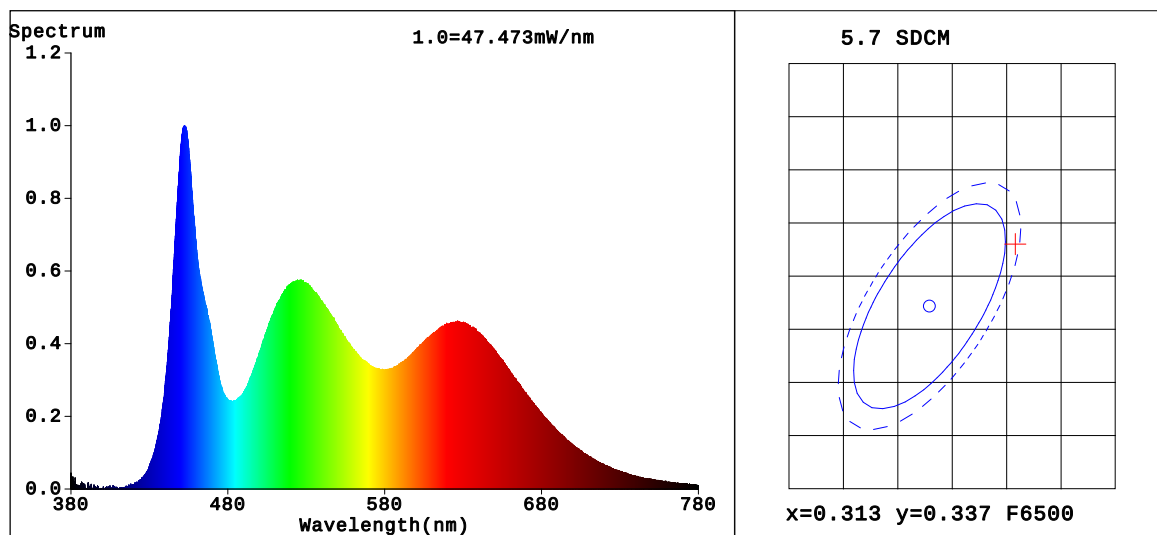
WHITE:ANSI\_4000K

Status: Integral T = 253 ms Ip = 42968 (66%)

Model:11-20W-4000K-230V  
Tester:DAMIN  
Temperature:25.3Deg  
Manufacturer:EVERFINE

Number:11-20W-4000K-230V  
Date:2025-12-18  
Humidity:65.0%  
Remarks:---

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3209$   $y=0.3429$   $u'=0.1983$   $v'=0.4768$

CCT=6019K(Duv=0.0062) Dominant WL:Ld =502.0nm Purity=3.8%

Ratio:R=17.3% G=77.1% B=5.6% Peak WL:Lp=452.4nm FWHM=22.3nm

Render Index:Ra=93.6

R1 =93 R2 =99 R3 =89 R4 =91 R5 =97 R6 =97 R7 =94

R8 =89 R9 =75 R10=95 R11=85 R12=70 R13=94 R14=93 R15=91

## Photo Parameters:

Flux = 1477 lm Eff. : 95.44 lm/W Fe = 5.300 W

## Electrical parameters:

V = 217.70 V I = 0.07800 A P = 15.48 W PF = 0.9000

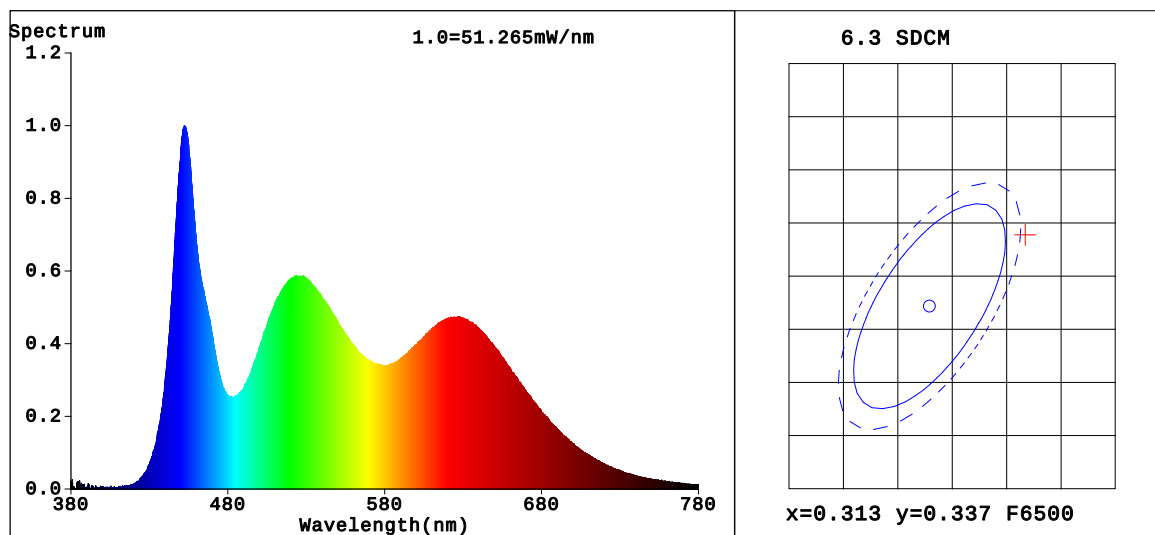
LEVEL:OUT WHITE:OUT

Status: Integral T = 253 ms Ip = 40593 (62%)

Model:12-20W-6000K-220V  
Tester:DAMIN  
Temperature:25.3Deg  
Manufacturer:EVERFINE

Number:12-20W-6000K-220V  
Date:2025-12-18  
Humidity:65.0%  
Remarks:---

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.3218$   $y=0.3438$   $u'=0.1986$   $v'=0.4773$

CCT=5975K(Duv=0.0062) Dominant WL:Ld =504.0nm Purity=3.5%

Ratio:R=17.3% G=77.0% B=5.6% Peak WL:Lp=452.3nm FWHM=23.0nm

Render Index:Ra=93.8

R1 =93 R2 =99 R3 =89 R4 =91 R5 =97 R6 =97 R7 =95

R8 =89 R9 =76 R10=95 R11=85 R12=70 R13=94 R14=93 R15=91

## Photo Parameters:

Flux = 1642 lm Eff. : 87.56 lm/W Fe = 5.883 W

## Electrical parameters:

V = 227.40 V I = 0.09000 A P = 18.75 W PF = 0.9120

LEVEL:OUT

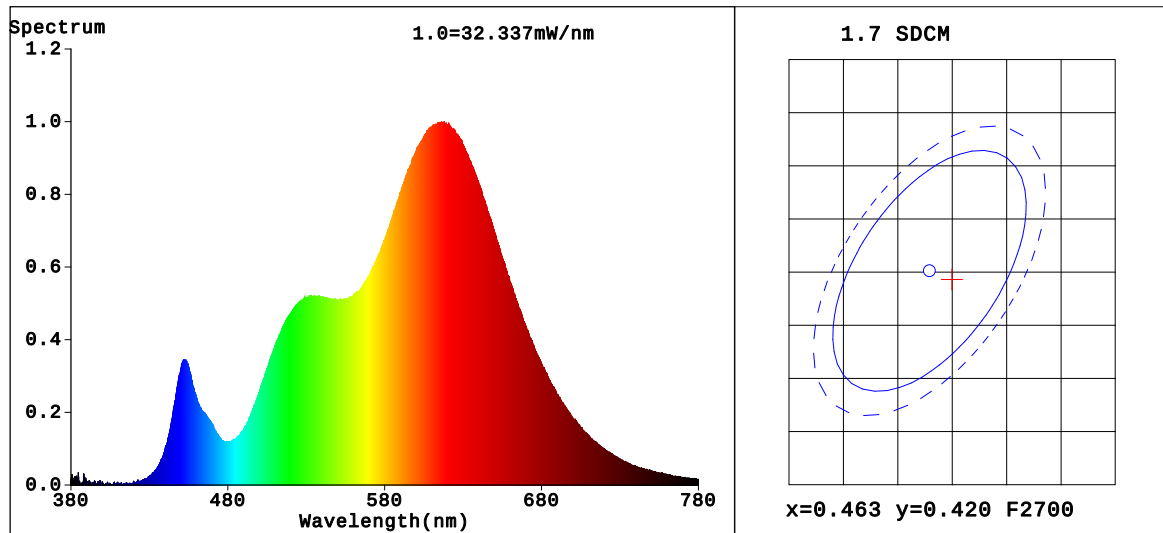
WHITE:ANSI\_5700K

Status: Integral T = 253 ms Ip = 44874 (68%)

Model:12-20W-6000K-230V  
Tester:DAMIN  
Temperature:25.3Deg  
Manufacturer:EVERFINE

Number:12-20W-6000K-230V  
Date:2025-12-18  
Humidity:65.0%  
Remarks:---

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4651$   $y=0.4192$  /  $u'=0.2620$   $v'=0.5313$

CCT=2694K(Duv=0.0027) Dominant WL:Ld =583.4nm Purity=65.4%

Ratio:R=26.8% G=71.3% B=1.9% Peak WL:Lp=617.9nm FWHM=140.2nm

Render Index:Ra=92.7

R1 =94 R2 =96 R3 =98 R4 =97 R5 =94 R6 =97 R7 =90

R8 =75 R9 =43 R10=90 R11=97 R12=81 R13=95 R14=98 R15=85

## Photo Parameters:

Flux = 1410 lm Eff. : 92.05 lm/W Fe = 4.506 W

## Electrical parameters:

V = 217.50 V I = 0.07700 A P = 15.32 W PF = 0.9030

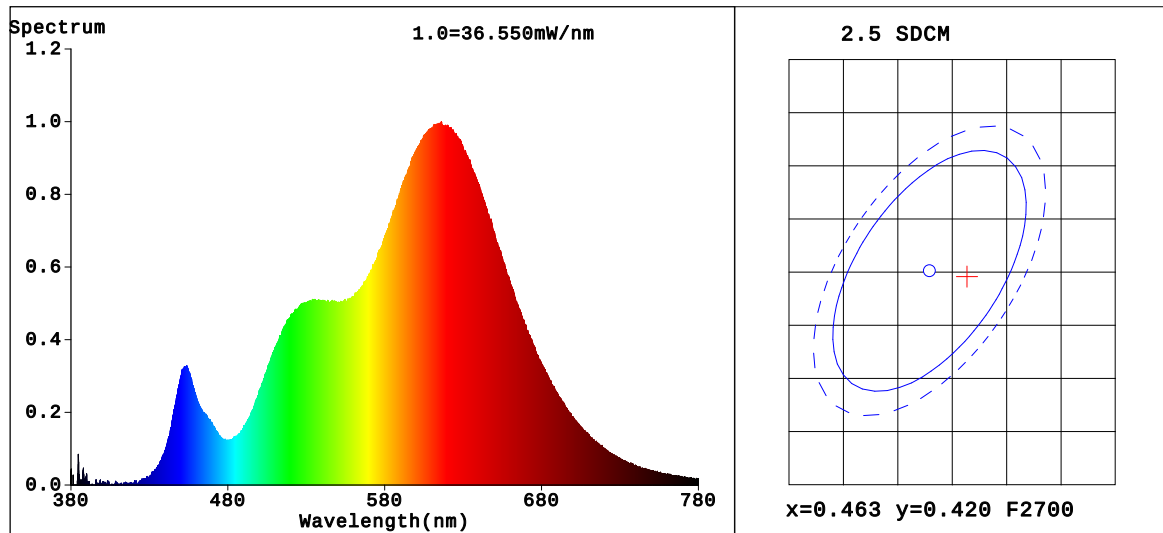
LEVEL:OUT WHITE:ANSI\_2700K

Status: Integral T = 299 ms Ip = 52462 (80%)

Model:9-20W-2700K-220V  
Tester:DAMIN  
Temperature:25.3Deg  
Manufacturer:EVERFINE

Number:9-20W-2700K-220V  
Date:2025-12-18  
Humidity:65.0%  
Remarks:---

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4665$   $y=0.4195$   $u'=0.2628$   $v'=0.5317$

CCT=2677K(Duv=0.0027) Dominant WL:Ld =583.5nm Purity=65.9%

Ratio:R=26.8% G=71.2% B=1.9% Peak WL:Lp=616.2nm FWHM=137.4nm

Render Index:Ra=92.3

R1 =93 R2 =96 R3 =99 R4 =96 R5 =93 R6 =98 R7 =90

R8 =74 R9 =41 R10=90 R11=98 R12=82 R13=94 R14=98 R15=84

## Photo Parameters:

Flux = 1585 lm Eff. : 84.10 lm/W Fe = 5.069 W

## Electrical parameters:

V = 227.60 V I = 0.09000 A P = 18.84 W PF = 0.9130

LEVEL:OUT WHITE:ANSI\_2700K

Status: Integral T = 149 ms Ip = 29461 (45%)

Model:9-20W-2700K-230V  
Tester:DAMIN  
Temperature:25.3Deg  
Manufacturer:EVERFINE

Number:9-20W-2700K-230V  
Date:2025-12-18  
Humidity:65.0%  
Remarks:---