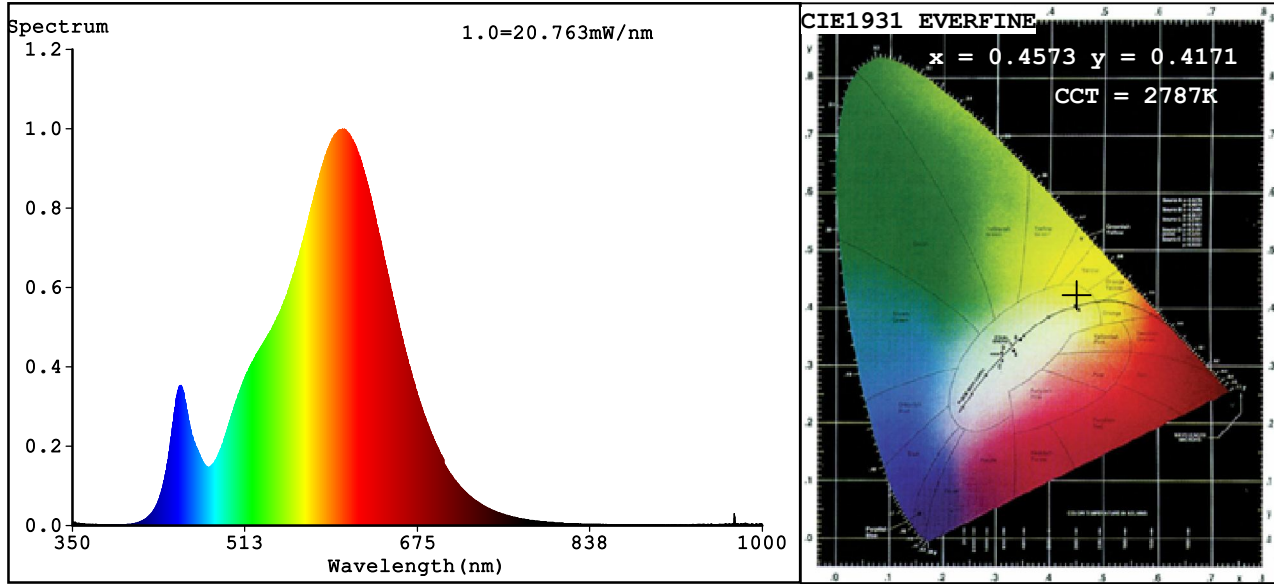


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4573$   $y=0.4171$  /  $u'=0.2580$   $v'=0.5294$   
 CCT=2787K (Duv=0.0026) Dominant WL:Ld =582.9nm Purity=62.5%  
 Ratio:R=24.0% G=73.9% B=2.1%; Peak WL:Lp=604.4nm FWHM=119.8nm  
 Render Index:Ra=81.0  
 R1 =79 R2 =89 R3 =97 R4 =79 R5 =79 R6 =88 R7 =82  
 R8 =56 R9 =1 R10=76 R11=78 R12=69 R13=81 R14=99 R15=70

**Photo Parameters:**

Flux = 974.2 lm Eff. : 106.20 lm/W Fe = 2.954 W

**Electrical parameters:**

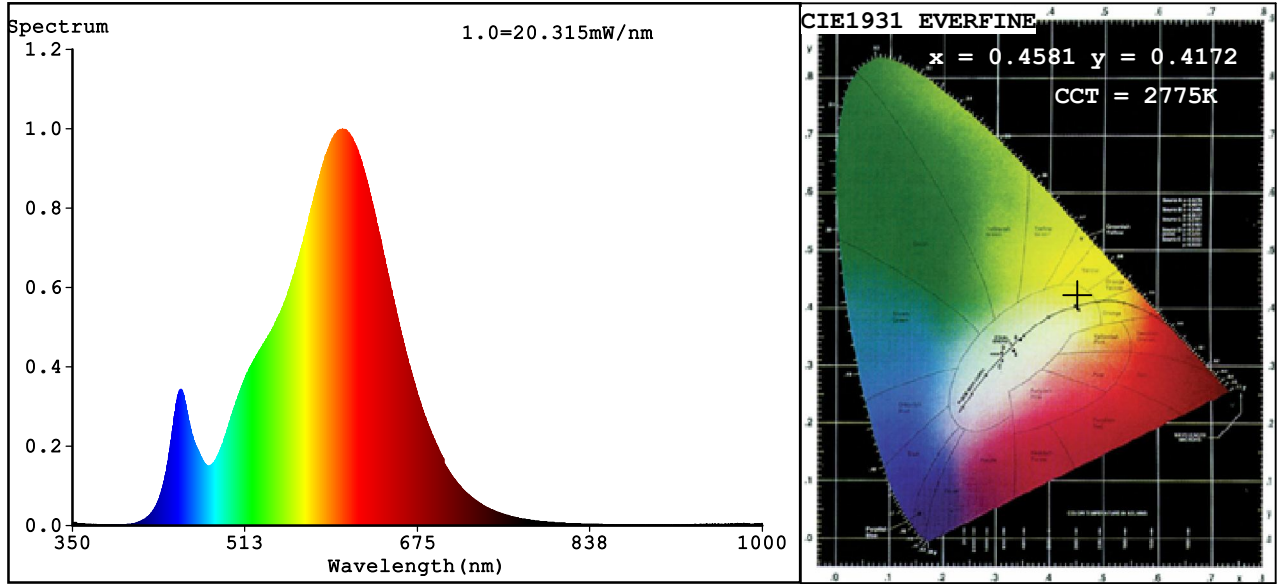
V = 230.06 V I = 0.08157 A P = 9.173 W PF = 0.4888

WHITE:ANSI\_2700K

Status: Integral T = 47 ms Ip = 50193 (77%)

Model:LED MOULD FOR CELLING LAMP/9W	Number:99LED791
Tester:Petya Marinova	Date:2017-06-23 14:09
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:017V009A_3793

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4581$   $y=0.4172$  /  $u'=0.2585$   $v'=0.5296$   
 CCT=2775K (Duv=0.0026) Dominant WL:Ld =583.0nm Purity=62.8%  
 Ratio:R=24.1% G=73.8% B=2.1%; Peak WL:Lp=604.4nm FWHM=119.4nm  
 Render Index:Ra=81.1  
 R1 =79    R2 =90    R3 =97    R4 =79    R5 =79    R6 =88    R7 =82  
 R8 =56    R9 =1    R10=77    R11=78    R12=70    R13=81    R14=99    R15=71

**Photo Parameters:**

Flux = 950.6 lm    Eff. : 103.93 lm/W    Fe = 2.888 W

**Electrical parameters:**

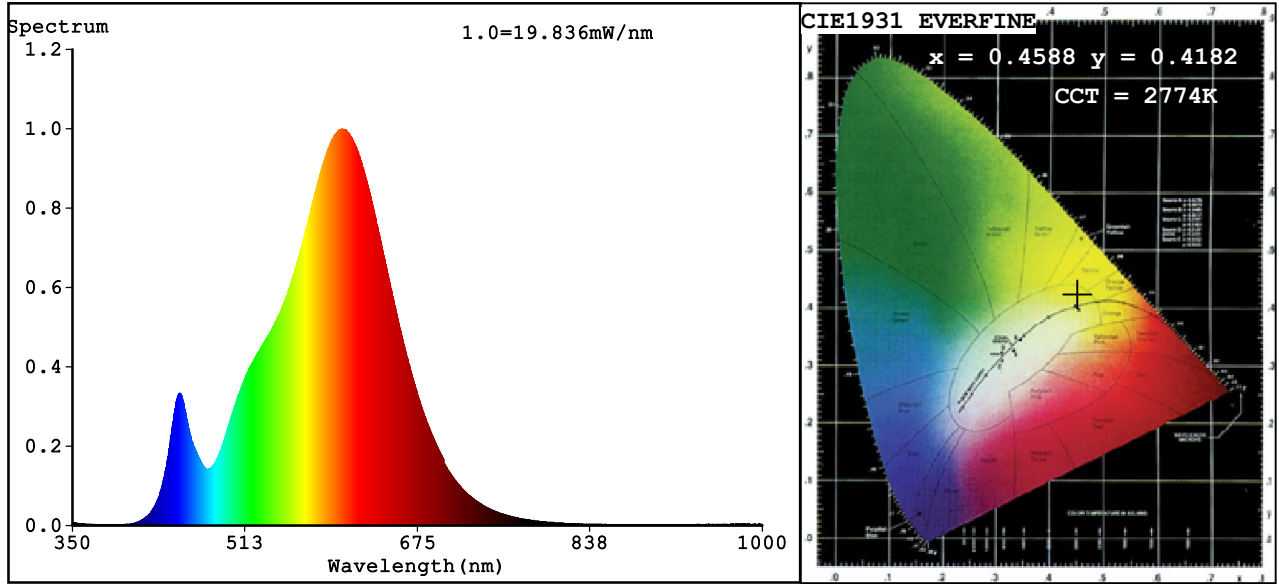
V = 230.08 V    I = 0.08137 A    P = 9.147 W PF = 0.4886

WHITE:ANSI\_2700K

Status: Integral T = 47 ms    Ip = 49141 (75%)

Model:LED MOULD FOR CELLING LAMP/9W	Number:99LED791
Tester:Petya Marinova	Date:2017-06-23 15:27
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:017V009A_3793

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4588$   $y=0.4182$   $u'=0.2585$   $v'=0.5300$

CCT=2774K (Duv=0.0029) Dominant WL:Ld =582.9nm Purity=63.2%

Ratio:R=24.1% G=73.9% B=2.1%; Peak WL:Lp=604.2nm FWHM=119.6nm

Render Index:Ra=80.9

R1 =78	R2 =89	R3 =97	R4 =79	R5 =79	R6 =87	R7 =82	
R8 =56	R9 =1	R10=76	R11=78	R12=69	R13=81	R14=99	R15=70

**Photo Parameters:**

Flux = 928.6 lm Eff. : 102.22 lm/W Fe = 2.815 W

**Electrical parameters:**

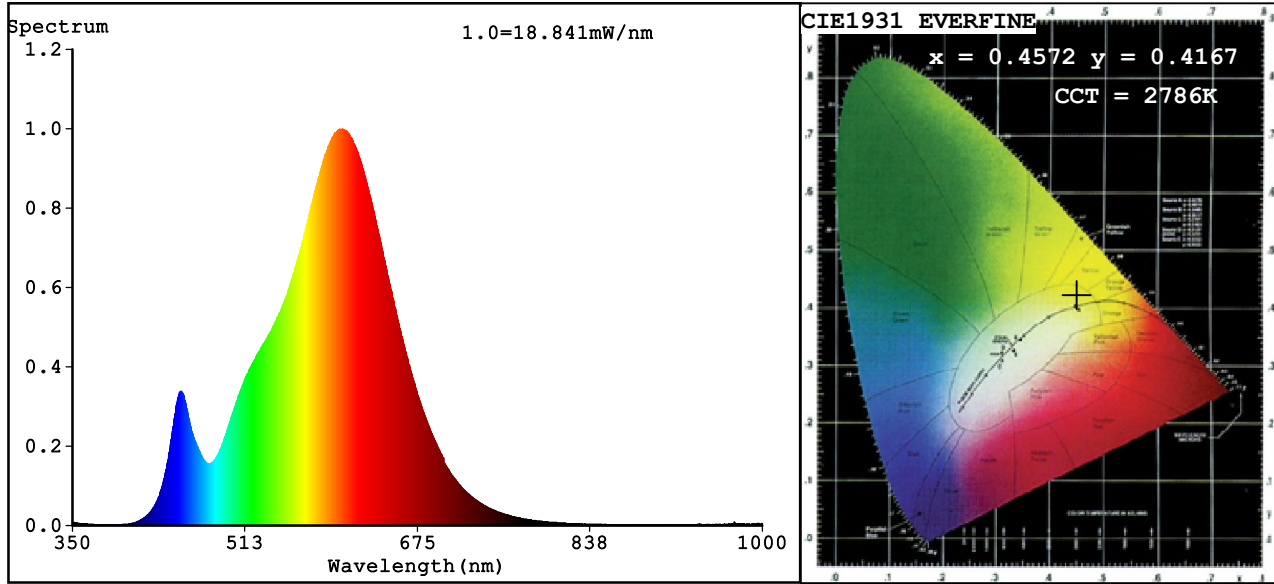
V = 230.06 V I = 0.08063 A P = 9.085 W PF = 0.4897

WHITE:ANSI\_2700K

Status: Integral T = 47 ms Ip = 48010 (73%)

Model:LED MOULD FOR CELLING LAMP/9W	Number:99LED791
Tester:Petya Marinova	Date:2017-06-23 15:29
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:017V009A_3793

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4572$   $y=0.4167$  /  $u'=0.2581$   $v'=0.5292$   
 CCT=2786K (Duv=0.0025) Dominant WL:Ld =583.0nm Purity=62.3%  
 Ratio:R=24.0% G=73.9% B=2.1%; Peak WL:Lp=604.4nm FWHM=119.5nm  
 Render Index:Ra=80.7  
 R1 =78    R2 =89    R3 =97    R4 =78    R5 =78    R6 =88    R7 =82  
 R8 =55    R9 =0    R10=77    R11=77    R12=69    R13=81    R14=99    R15=70

**Photo Parameters:**

Flux = 884.2 lm    Eff. : 98.30 lm/W    Fe = 2.688 W

**Electrical parameters:**

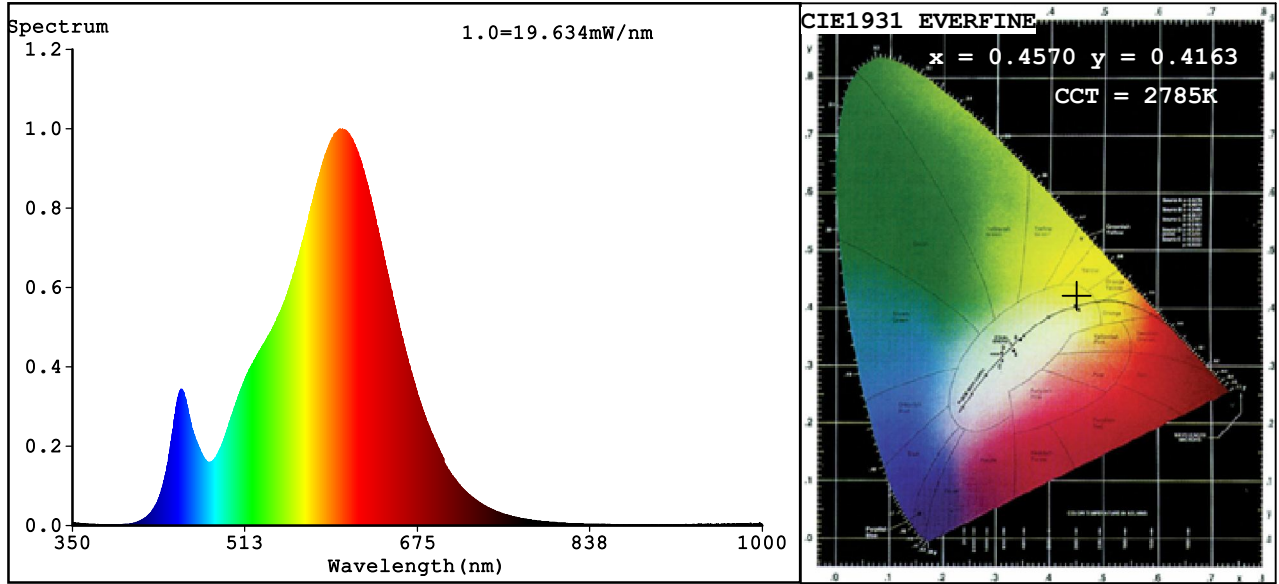
V = 230.06 V    I = 0.08046 A    P = 8.995 W PF = 0.4859

WHITE:ANSI\_2700K

Status: Integral T = 47 ms    Ip = 45660 (70%)

Model:LED MOULD FOR CELLING LAMP/9W	Number:99LED791
Tester:Petya Marinova	Date:2017-06-23 15:30
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:017V009A_3793

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4570$   $y=0.4163$   $u'=0.2581$   $v'=0.5291$   
 CCT=2785K(Duv=0.0023) Dominant WL:Ld =583.0nm Purity=62.1%  
 Ratio:R=24.0% G=73.8% B=2.2%;;Peak WL:Lp=604.4nm FWHM=119.4nm  
 Render Index:Ra=80.8  
 R1 =79    R2 =90    R3 =97    R4 =78    R5 =79    R6 =88    R7 =82  
 R8 =55    R9 =1    R10=77    R11=77    R12=70    R13=81    R14=99    R15=70

**Photo Parameters:**

Flux = 920.5 lm    Eff. : 101.27 lm/W    Fe = 2.802 W

**Electrical parameters:**

V = 229.96 V    I = 0.08163 A    P = 9.089 W PF = 0.4842

WHITE:ANSI\_2700K

Status: Integral T = 47 ms    Ip = 47504 (72%)

Model:LED MOULD FOR CELLING LAMP/9W	Number:99LED791
Tester:Petya Marinova	Date:2017-06-23 15:32
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:ELMARK	Remarks:017V009A_3793