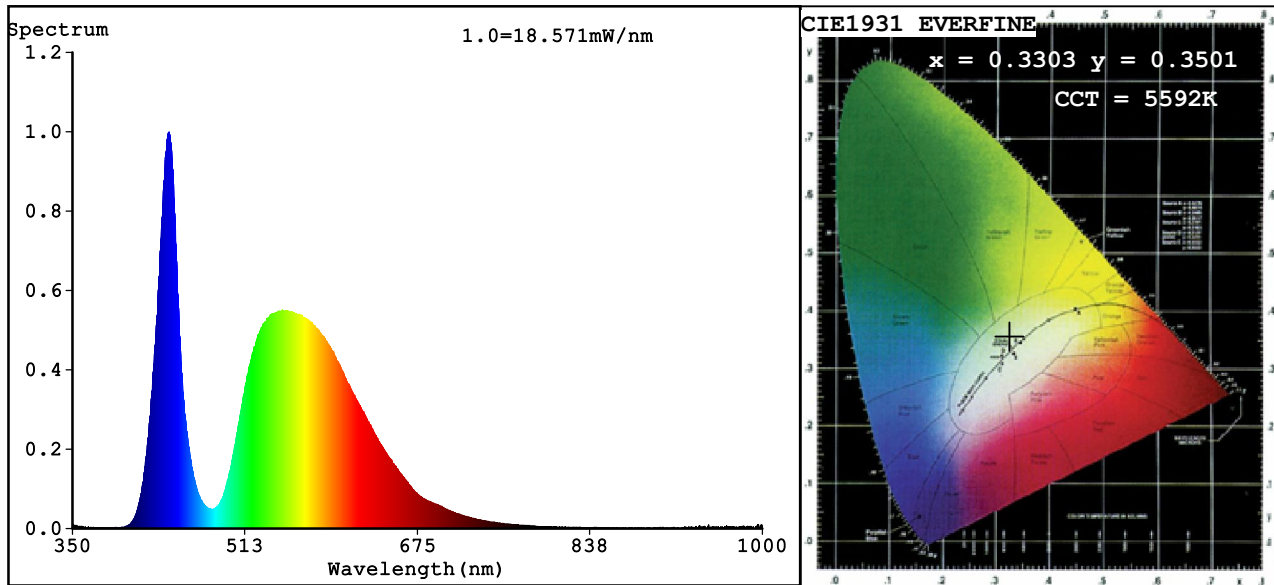


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3303$ $y=0.3501$ $u'=0.2020$ $v'=0.4818$

CCT=5592K(Duv=0.0055) Dominant WL:Ld =544.5nm Purity=4.3%

Ratio:R=12.4% G=85.2% B=2.3%;;Peak WL:Lp=441.1nm FWHM=21.9nm

Render Index:Ra=65.1

R1 =64 R2 =67 R3 =70 R4 =67 R5 =66 R6 =59 R7 =73

R8 =54 R9 =0 R10=24 R11=68 R12=37 R13=63 R14=83 R15=57

Photo Parameters:

Flux = 591.4 lm Eff. : 51.62 lm/W Fe = 1.795 W

Electrical parameters:

V = 12.080 V I = 0.9485 A P = 11.46 W PF = 1.000

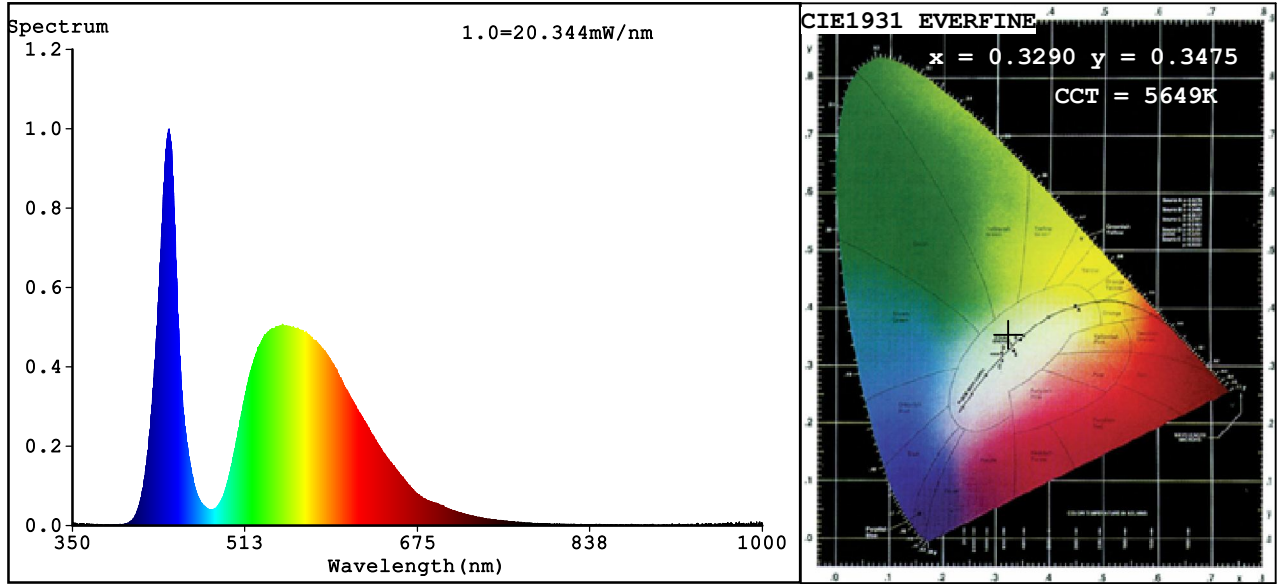
WHITE:ANSI_5700K

Status: Integral T = 65 ms Ip = 51398 (78%)

Model:LED- 3528-60CW/4.8W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED305
Date:2018-02-21 13:24
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3290$ $y=0.3475$ $u'=0.2021$ $v'=0.4803$
 CCT=5649K(Duv=0.0048) Dominant WL:Ld =535.6nm Purity=3.2%
 Ratio:R=12.4% G=85.3% B=2.3%;;Peak WL:Lp=441.1nm FWHM=20.0nm
 Render Index:Ra=64.9
 R1 =64 R2 =67 R3 =70 R4 =67 R5 =66 R6 =58 R7 =72
 R8 =55 R9 =0 R10=23 R11=68 R12=37 R13=63 R14=83 R15=58

Photo Parameters:

Flux = 593.7 lm Eff. : 52.64 lm/W Fe = 1.806 W

Electrical parameters:

V = 12.080 V I = 0.9335 A P = 11.28 W PF = 1.000

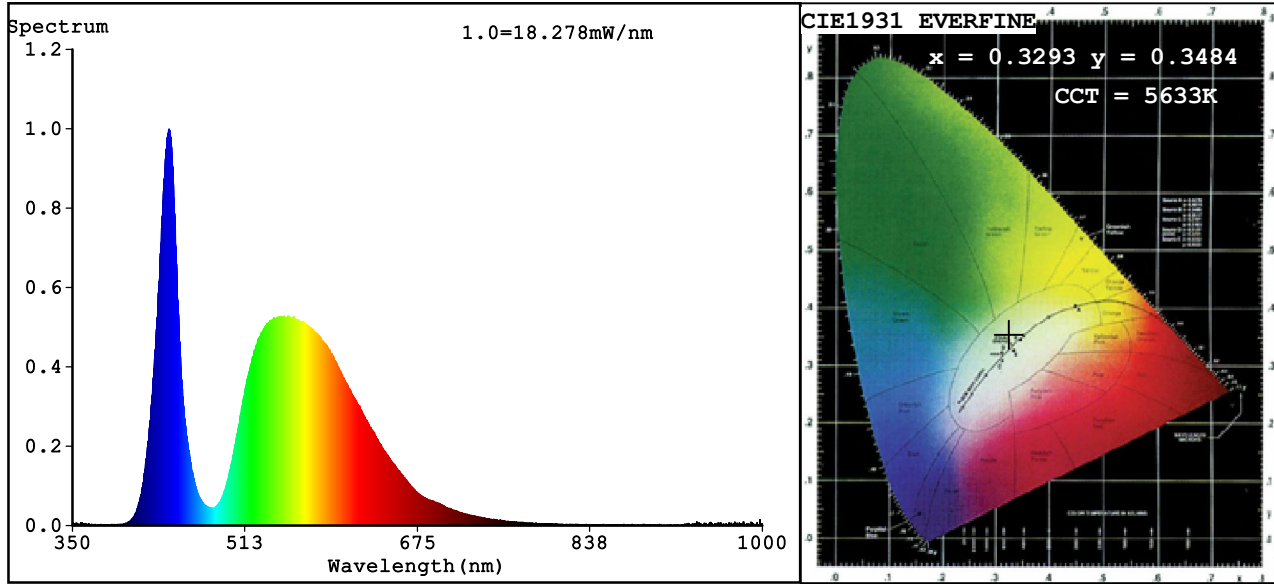
WHITE:ANSI_5700K

Status: Integral T = 52 ms Ip = 45055 (69%)

Model:LED- 3528-60CW/4.8W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED305
 Date:2018-02-21 13:34
 Humidity:65.0%
 Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3293$ $y=0.3484$ $u'=0.2020$ $v'=0.4808$
 CCT=5633K(Duv=0.0051) Dominant WL:Ld =538.7nm Purity=3.5%
 Ratio:R=12.4% G=85.3% B=2.3%;;Peak WL:Lp=441.1nm FWHM=21.1nm
 Render Index:Ra=65.0
 R1 =64 R2 =67 R3 =70 R4 =67 R5 =66 R6 =58 R7 =72
 R8 =55 R9 =0 R10=23 R11=68 R12=37 R13=63 R14=83 R15=57

Photo Parameters:

Flux = 558.6 lm Eff. : 53.80 lm/W Fe = 1.700 W

Electrical parameters:

V = 12.080 V I = 0.8594 A P = 10.38 W PF = 1.000

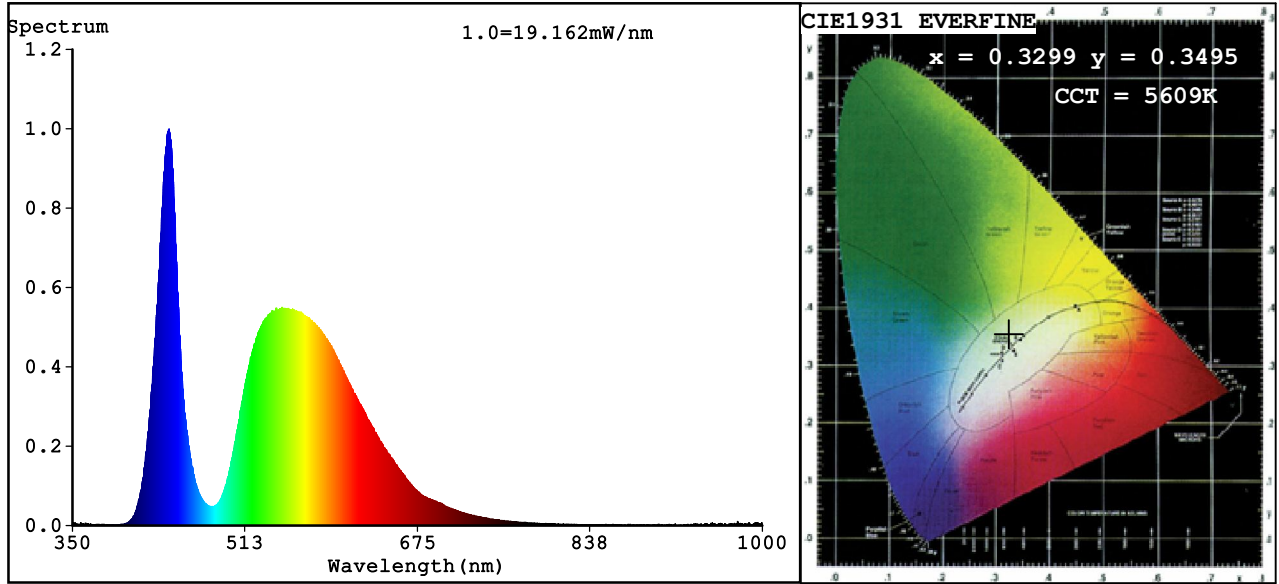
WHITE:ANSI_5700K

Status: Integral T = 52 ms Ip = 40465 (62%)

Model:LED- 3528-60CW/4.8W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED305
 Date:2018-02-21 13:51
 Humidity:65.0%
 Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3299$ $y=0.3495$ / $u'=0.2019$ $v'=0.4814$
 CCT=5609K (Duv=0.0054) Dominant WL:Ld =542.3nm Purity=4.0%
 Ratio:R=12.4% G=85.2% B=2.3%;; Peak WL:Lp=441.1nm FWHM=22.1nm
 Render Index:Ra=65.1
 R1 =64 R2 =67 R3 =70 R4 =67 R5 =66 R6 =59 R7 =73
 R8 =54 R9 =0 R10=24 R11=68 R12=37 R13=63 R14=83 R15=57

Photo Parameters:

Flux = 609.0 lm Eff. : 53.16 lm/W Fe = 1.851 W

Electrical parameters:

V = 12.080 V I = 0.9485 A P = 11.46 W PF = 1.000

WHITE:ANSI_5700K

Status: Integral T = 52 ms Ip = 42430 (65%)

Model:LED- 3528-60CW/4.8W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99XLED305
 Date:2018-02-21 14:00
 Humidity:65.0%
 Remarks:017V068À_4469