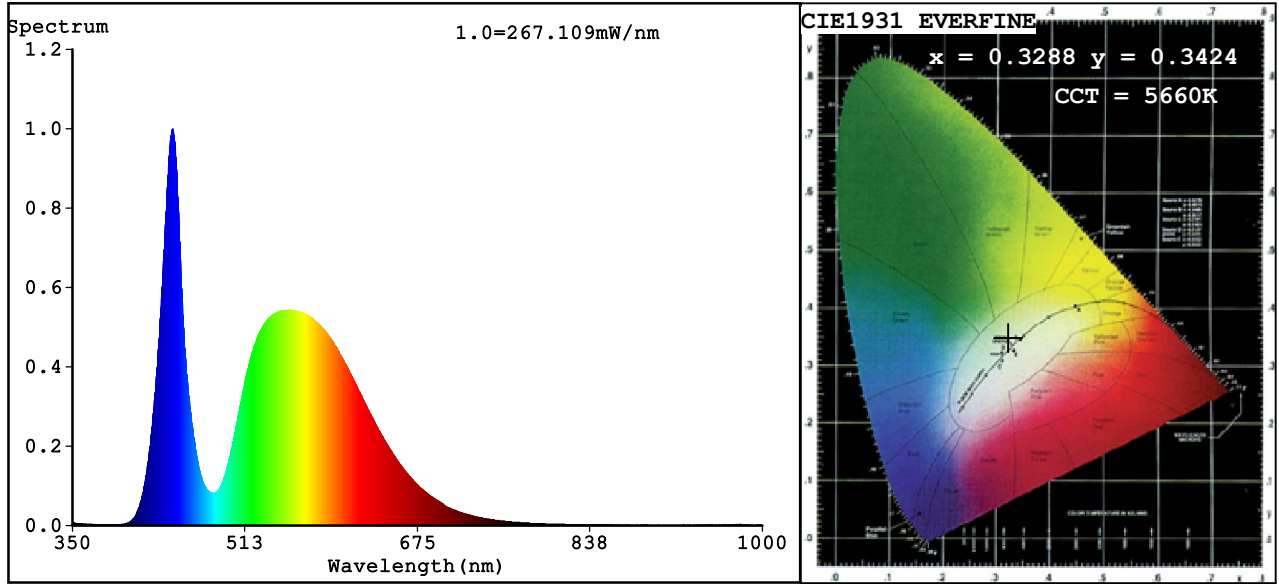


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3288$ $y=0.3424$ / $u'=0.2039$ $v'=0.4777$
CCT=5660K(Duv=0.0023) Dominant WL:Ld =521.0nm Purity=1.8%
Ratio:R=13.1% G=83.9% B=3.0%;;Peak WL:Lp=444.5nm FWHM=22.4nm
Render Index:Ra=70.2
R1 =70 R2 =73 R3 =74 R4 =72 R5 =71 R6 =64 R7 =77
R8 =60 R9 =0 R10=35 R11=72 R12=43 R13=69 R14=85 R15=64

Photo Parameters:

Flux = 8672 lm Eff. : 90.43 lm/W Fe = 26.76 W

Electrical parameters:

V = 229.73 V I = 0.4271 A P = 95.90 W PF = 0.9773

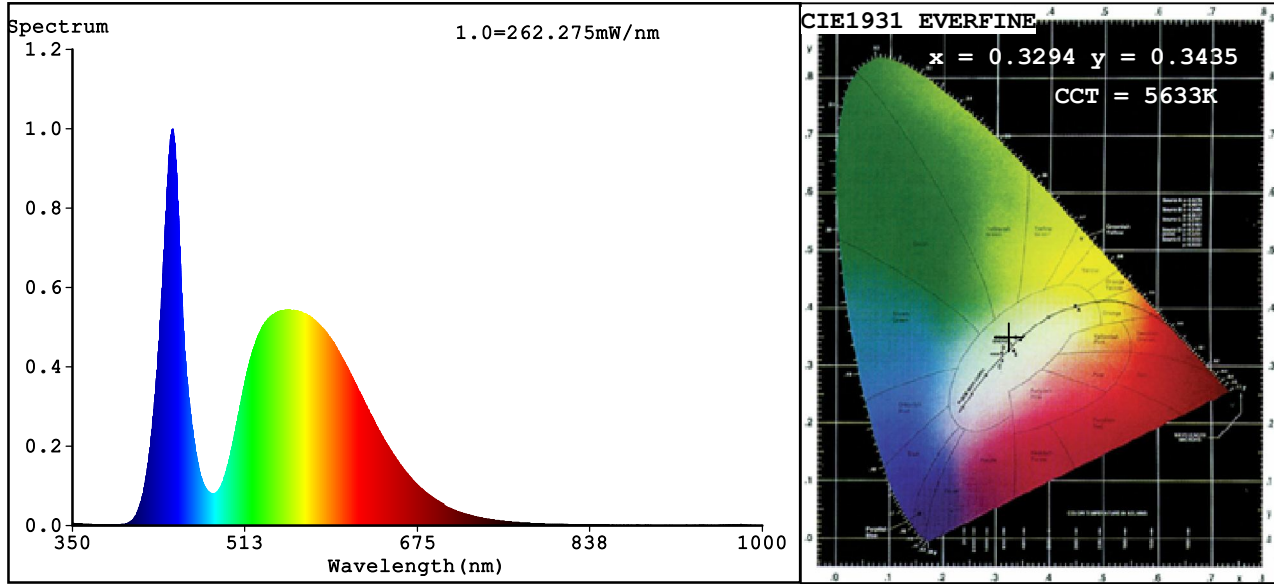
WHITE:ANSI_5700K

Status: Integral T = 4 ms Ip = 45537 (69%)

Model:HELIOS SMD/100W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:98HELIOS100
Date:2018-04-13 09:46
Humidity:65.0%
Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3294$ $y=0.3435$ / $u'=0.2039$ $v'=0.4783$
CCT=5633K (Duv=0.0026) Dominant WL:Ld =529.6nm Purity=2.1%
Ratio:R=13.1% G=83.9% B=2.9%;; Peak WL:Lp=444.5nm FWHM=22.1nm
Render Index:Ra=70.1
R1 =69 R2 =73 R3 =74 R4 =72 R5 =71 R6 =64 R7 =77
R8 =60 R9 =0 R10=35 R11=72 R12=43 R13=68 R14=85 R15=64

Photo Parameters:

Flux = 8521 lm Eff. : 89.56 lm/W Fe = 26.20 W

Electrical parameters:

V = 229.73 V I = 0.4238 A P = 95.14 W PF = 0.9774

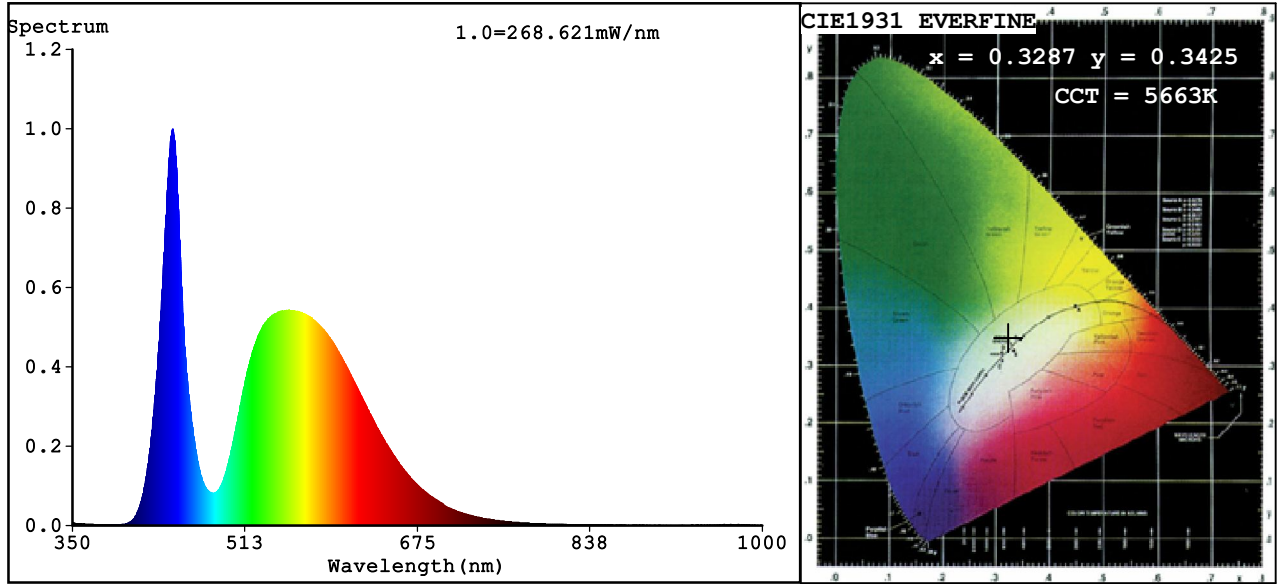
WHITE:ANSI_5700K

Status: Integral T = 4 ms Ip = 44714 (68%)

Model:HELIOS SMD/100W
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:98HELIOS100
Date:2018-04-13 10:22
Humidity:65.0%
Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3287$ $y=0.3425$ $u'=0.2038$ $v'=0.4777$
 CCT=5663K(Duv=0.0024) Dominant WL:Ld =521.2nm Purity=1.8%
 Ratio:R=13.1% G=83.9% B=3.0%;;Peak WL:Lp=444.5nm FWHM=22.3nm
 Render Index:Ra=70.2
 R1 =69 R2 =73 R3 =74 R4 =72 R5 =71 R6 =64 R7 =77
 R8 =60 R9 =0 R10=35 R11=72 R12=43 R13=69 R14=85 R15=64

Photo Parameters:

Flux = 8708 lm Eff. : 91.35 lm/W Fe = 26.84 W

Electrical parameters:

V = 229.75 V I = 0.4246 A P = 95.33 W PF = 0.9773

WHITE:ANSI_5700K

Status: Integral T = 4 ms Ip = 45842 (70%)

Model:HELIOS SMD/100W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:98HELIOS100
 Date:2018-04-13 10:24
 Humidity:65.0%
 Remarks:017V060B_4394