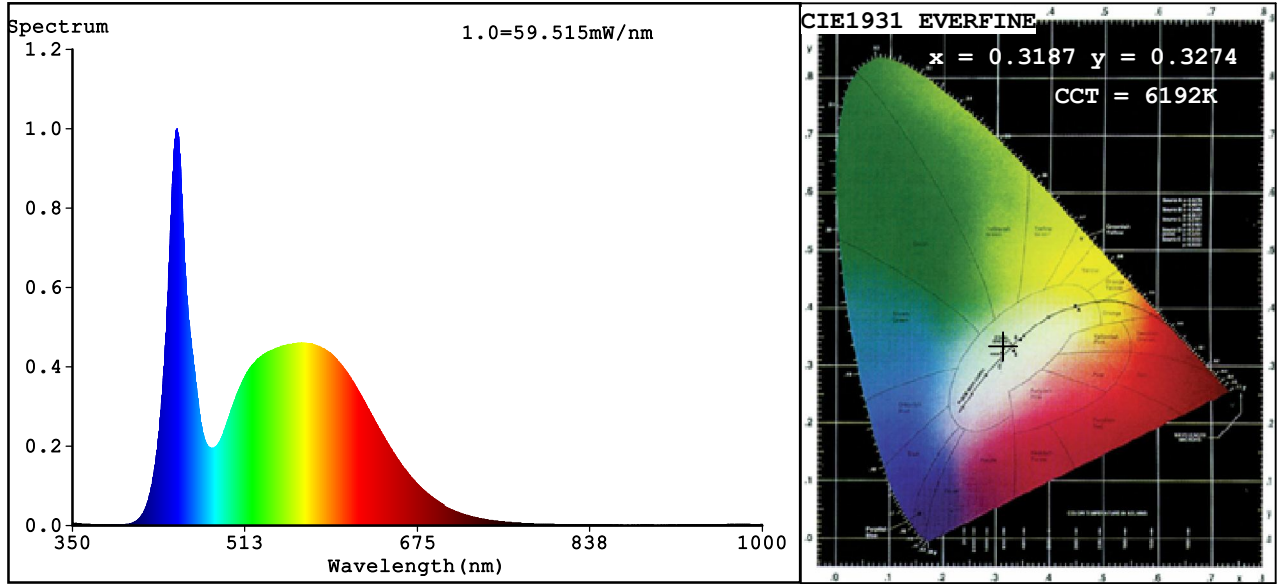


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3187$ $y=0.3274$ $u'=0.2027$ $v'=0.4683$
 CCT=6192K(Duv=-0.0007) Dominant WL:Ld =486.3nm Purity=5.4%
 Ratio:R=14.1% G=80.9% B=5.0%;;Peak WL:Lp=448.6nm FWHM=21.7nm
 Render Index:Ra=82.7
 R1 =82 R2 =86 R3 =87 R4 =84 R5 =83 R6 =80 R7 =87
 R8 =72 R9 =14 R10=65 R11=84 R12=60 R13=83 R14=93 R15=79

Photo Parameters:

Flux = 1767 lm Eff. : 84.26 lm/W Fe = 5.782 W

Electrical parameters:

V = 229.94 V I = 0.09702 A P = 20.97 W PF = 0.9401

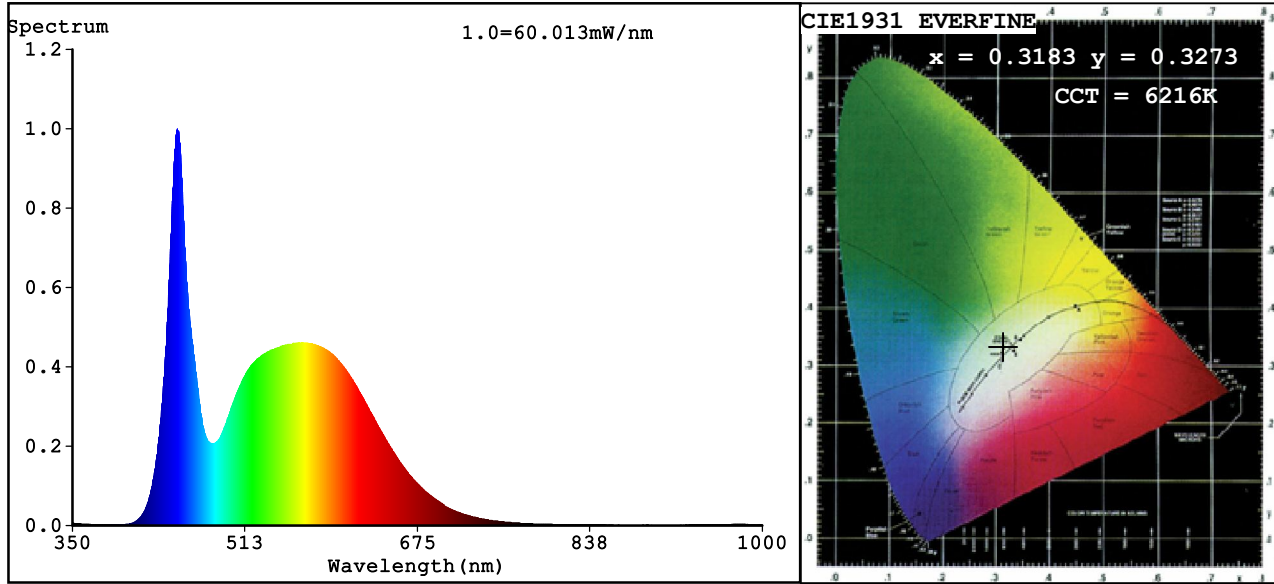
WHITE:ANSI_6500K

Status: Integral T = 20 ms Ip = 51527 (79%)

Model:RAY20/20W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:96RAY20
 Date:2018-03-08 15:58
 Humidity:65.0%
 Remarks:017V060B_4394

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3183$ $y=0.3273$ $u'=0.2024$ $v'=0.4682$
 CCT=6216K(Duv=-0.0005) Dominant WL:Ld =486.4nm Purity=5.5%
 Ratio:R=14.1% G=80.7% B=5.1%;;Peak WL:Lp=448.9nm FWHM=22.0nm
 Render Index:Ra=83.4
 R1 =83 R2 =87 R3 =88 R4 =85 R5 =84 R6 =81 R7 =88
 R8 =73 R9 =16 R10=67 R11=84 R12=60 R13=84 R14=93 R15=80

Photo Parameters:

Flux = 1789 lm Eff. : 84.38 lm/W Fe = 5.862 W

Electrical parameters:

V = 229.94 V I = 0.09878 A P = 21.21 W PF = 0.9337

WHITE:ANSI_6500K

Status: Integral T = 20 ms Ip = 52022 (79%)

Model:RAY20/20W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:96RAY20
 Date:2018-03-08 16:17
 Humidity:65.0%
 Remarks:017V060B_4394