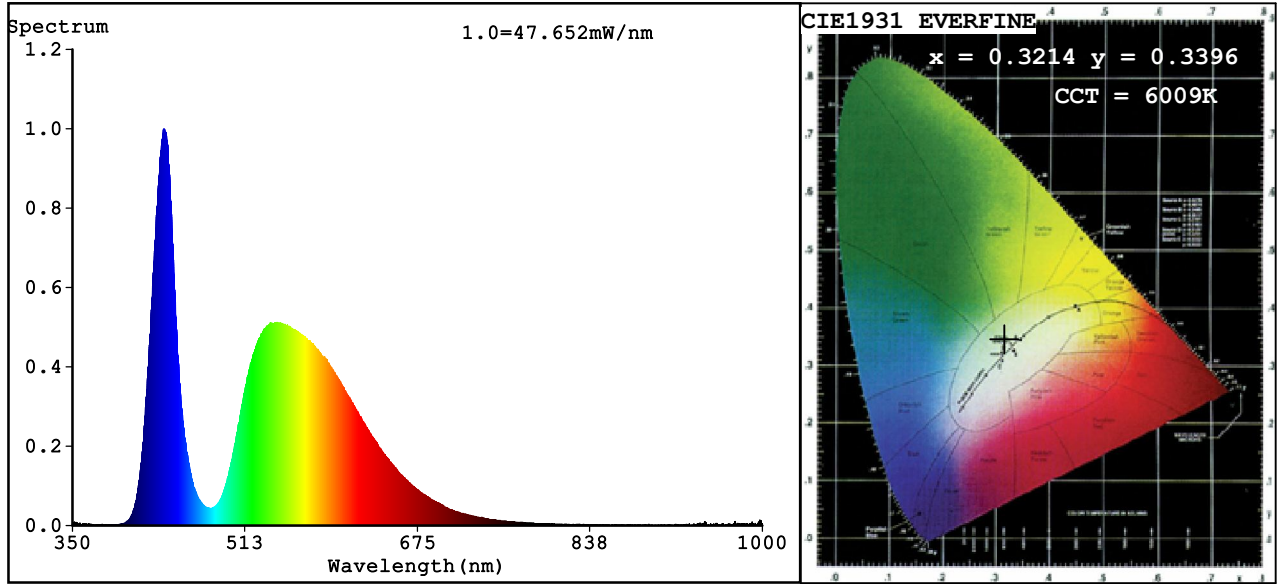


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3214$ $y=0.3396$ $u'=0.1998$ $v'=0.4752$

CCT=6009K(Duv=0.0044) Dominant WL:Ld =498.5nm Purity=3.7%

Ratio:R=12.2% G=85.5% B=2.4%;;Peak WL:Lp=436.3nm FWHM=24.3nm

Render Index:Ra=64.7

R1 =66 R2 =66 R3 =67 R4 =66 R5 =68 R6 =58 R7 =70

R8 =57 R9 =0 R10=20 R11=70 R12=39 R13=63 R14=81 R15=59

Photo Parameters:

Flux = 1391 lm Eff. : 50.50 lm/W Fe = 4.425 W

Electrical parameters:

V = 12.080 V I = 2.280 A P = 27.54 W PF = 1.000

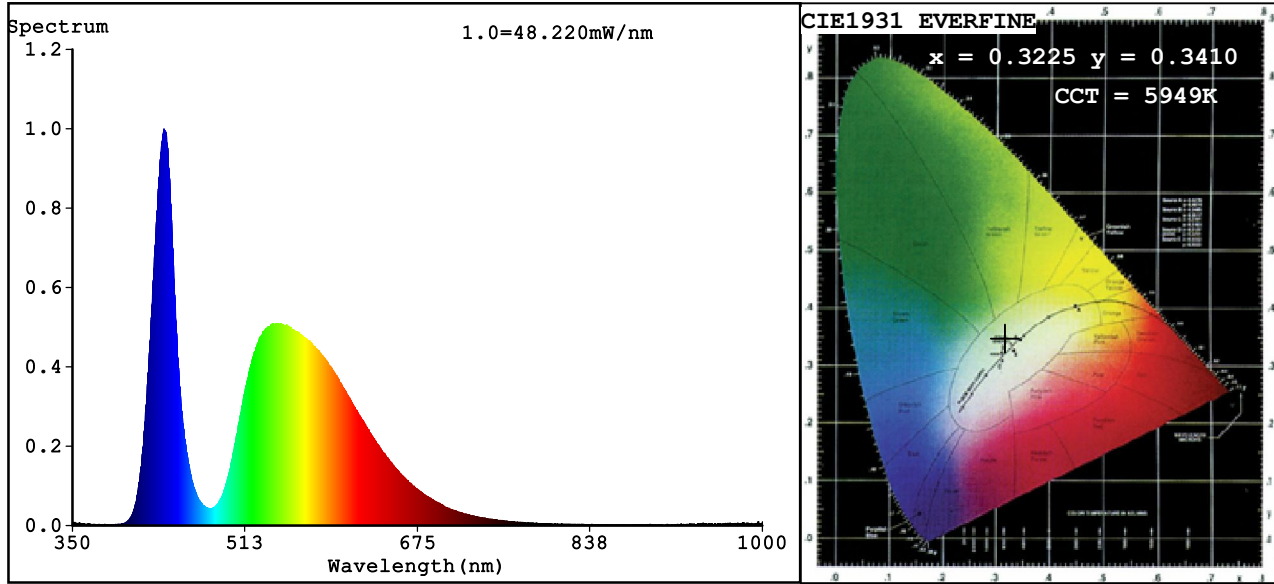
WHITE:ANSI_5700K

Status: Integral T = 18 ms Ip = 35664 (54%)

Model:LED- 5050-60CW/14.4W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED309
Date:2018-02-20 16:26
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3225$ $y=0.3410$ $u'=0.2001$ $v'=0.4760$

CCT=5949K(Duv=0.0045) Dominant WL:Ld =501.1nm Purity=3.3%

Ratio:R=12.2% G=85.4% B=2.3%;; Peak WL:Lp=436.3nm FWHM=23.9nm

Render Index:Ra=64.7

R1 =66	R2 =66	R3 =67	R4 =67	R5 =67	R6 =58	R7 =70	
R8 =57	R9 =0	R10=21	R11=70	R12=39	R13=63	R14=81	R15=58

Photo Parameters:

Flux = 1402 lm Eff. : 47.78 lm/W Fe = 4.456 W

Electrical parameters:

V = 12.080 V I = 2.429 A P = 29.34 W PF = 1.000

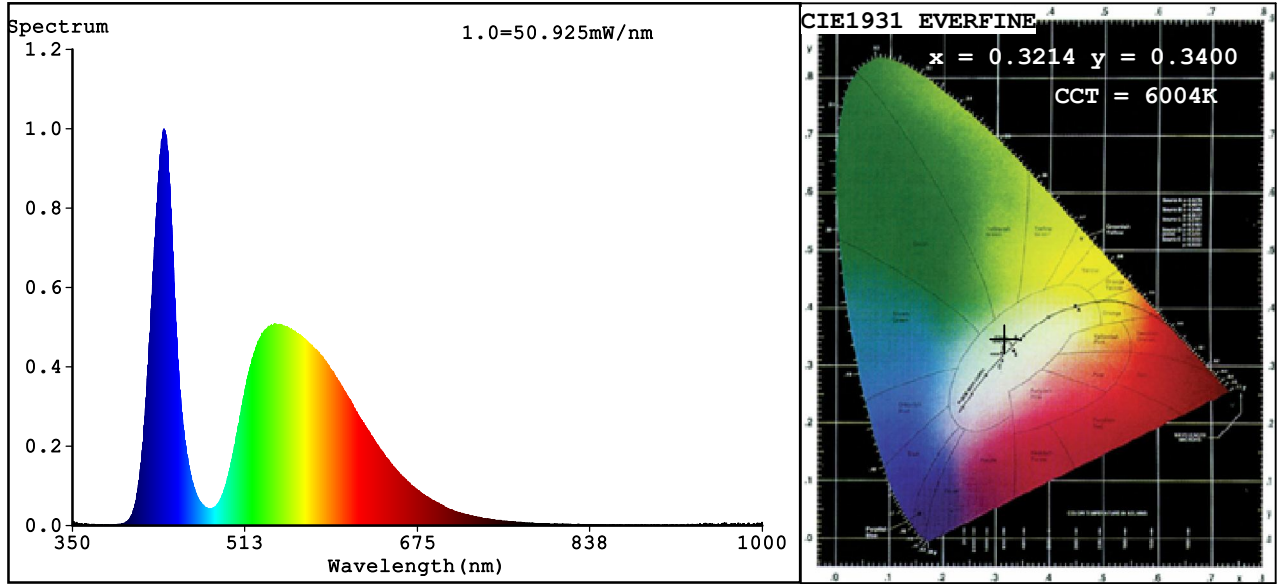
WHITE:ANSI_5700K

Status: Integral T = 28 ms Ip = 56186 (86%)

Model:LED- 5050-60CW/14.4W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED309
Date:2018-02-21 10:37
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3214$ $y=0.3400$ $u'=0.1997$ $v'=0.4754$

CCT=6004K(Duv=0.0045) Dominant WL:Ld =499.0nm Purity=3.7%

Ratio:R=12.1% G=85.5% B=2.3%;;Peak WL:Lp=436.3nm FWHM=24.1nm

Render Index:Ra=64.5

R1 =66	R2 =66	R3 =66	R4 =66	R5 =67	R6 =58	R7 =70	
R8 =57	R9 =0	R10=20	R11=70	R12=39	R13=63	R14=81	R15=58

Photo Parameters:

Flux = 1471 lm Eff. : 50.43 lm/W Fe = 4.682 W

Electrical parameters:

V = 12.080 V I = 2.415 A P = 29.17 W PF = 1.000

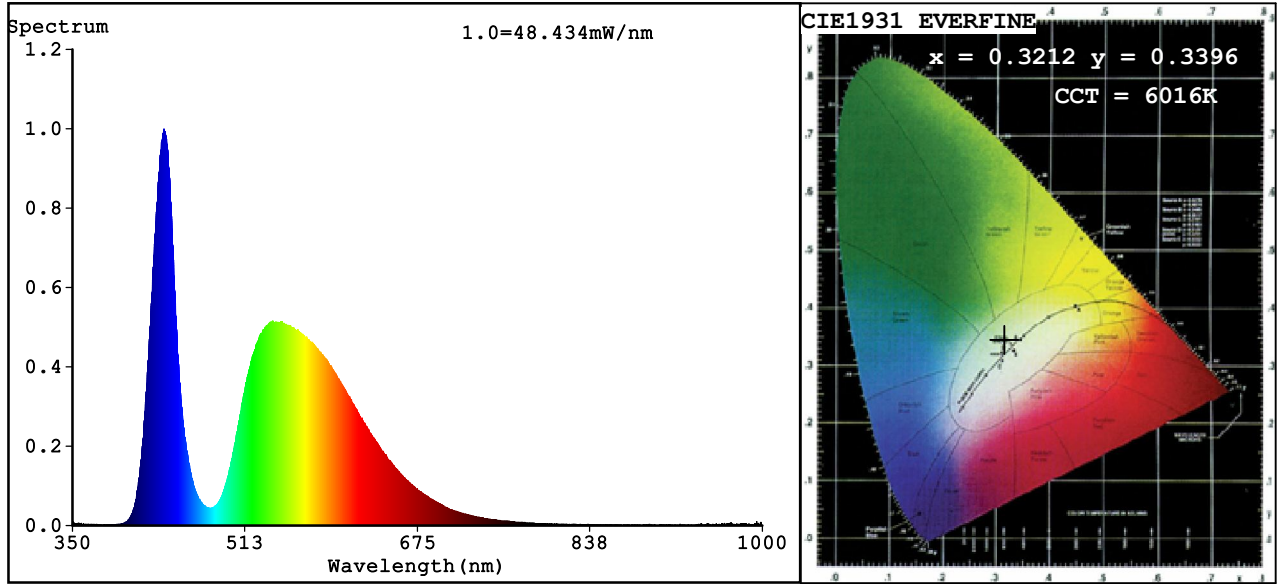
WHITE:ANSI_5700K

Status: Integral T = 22 ms Ip = 46520 (71%)

Model:LED- 5050-60CW/14.4W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED309
Date:2018-02-21 10:45
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3212$ $y=0.3396$ $u'=0.1997$ $v'=0.4751$

CCT=6016K(Duv=0.0044) Dominant WL:Ld =498.4nm Purity=3.8%

Ratio:R=12.1% G=85.5% B=2.4%;;Peak WL:Lp=436.3nm FWHM=24.8nm

Render Index:Ra=64.7

R1 =66 R2 =66 R3 =67 R4 =66 R5 =68 R6 =58 R7 =70

R8 =57 R9 =0 R10=20 R11=70 R12=39 R13=63 R14=81 R15=59

Photo Parameters:

Flux = 1419 lm Eff. : 49.15 lm/W Fe = 4.522 W

Electrical parameters:

V = 12.080 V I = 2.390 A P = 28.87 W PF = 1.000

WHITE:ANSI_5700K

Status: Integral T = 22 ms Ip = 44245 (68%)

Model:LED- 5050-60CW/14.4W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99XLED309
Date:2018-02-21 11:00
Humidity:65.0%
Remarks:017V068À_4469