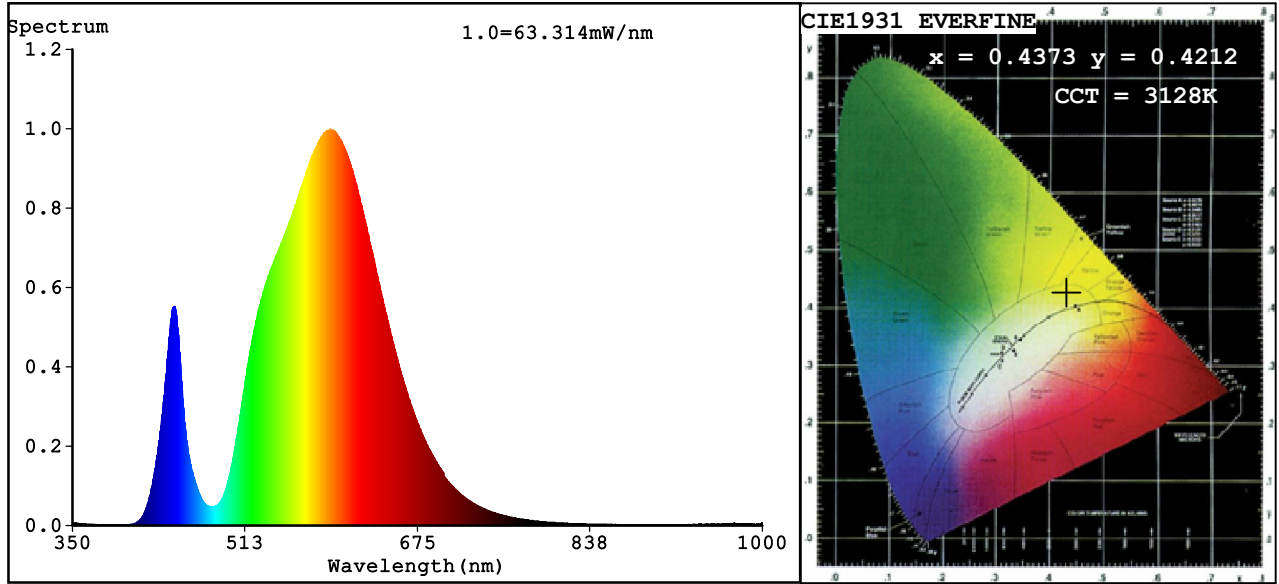


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4373$ $y=0.4212$ / $u'=0.2437$ $v'=0.5280$
 CCT=3128K (Duv=0.0066) Dominant WL:Ld =580.2nm Purity=57.7%
 Ratio:R=20.0% G=78.9% B=1.1%;; Peak WL:Lp=592.8nm FWHM=126.8nm
 Render Index:Ra=69.4
 R1 =66 R2 =76 R3 =86 R4 =69 R5 =64 R6 =66 R7 =81
 R8 =47 R9 =0 R10=45 R11=63 R12=35 R13=67 R14=92 R15=59

Photo Parameters:

Flux = 3245 lm Eff. : 77.51 lm/W Fe = 9.029 W

Electrical parameters:

V = 12.080 V I = 3.465 A P = 41.86 W PF = 1.000

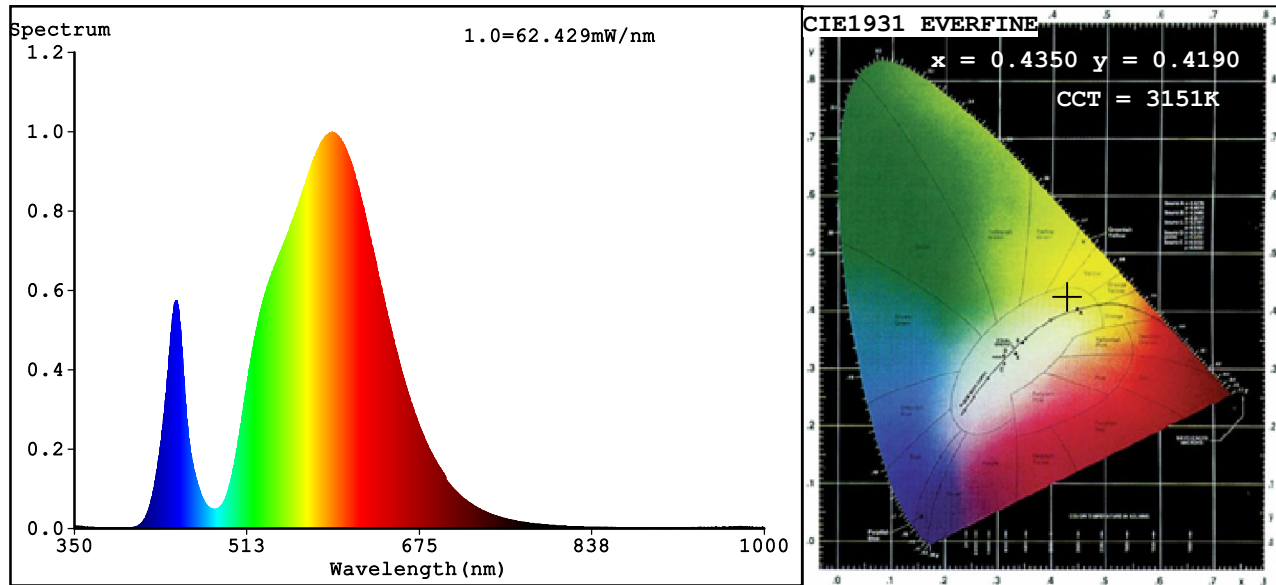
WHITE:OUT

Status: Integral T = 15 ms Ip = 48241 (74%)

Model:LED-5050-2X60/29W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED691
 Date:2018-05-18 14:08
 Humidity:65.0%
 Remarks:017V053B_4500

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4350$ $y=0.4190$ $u'=0.2431$ $v'=0.5268$

CCT=3151K(Duv=0.0062) Dominant WL:Ld =580.2nm Purity=56.4%

Ratio:R=19.9% G=79.0% B=1.2%;;Peak WL:Lp=593.1nm FWHM=127.0nm

Render Index:Ra=69.6

R1 =66	R2 =76	R3 =86	R4 =69	R5 =64	R6 =66	R7 =80	
R8 =48	R9 =0	R10=45	R11=63	R12=35	R13=67	R14=92	R15=59

Photo Parameters:

Flux = 3211 lm Eff. : 86.28 lm/W Fe = 8.950 W

Electrical parameters:

V = 12.080 V I = 3.081 A P = 37.22 W PF = 1.000

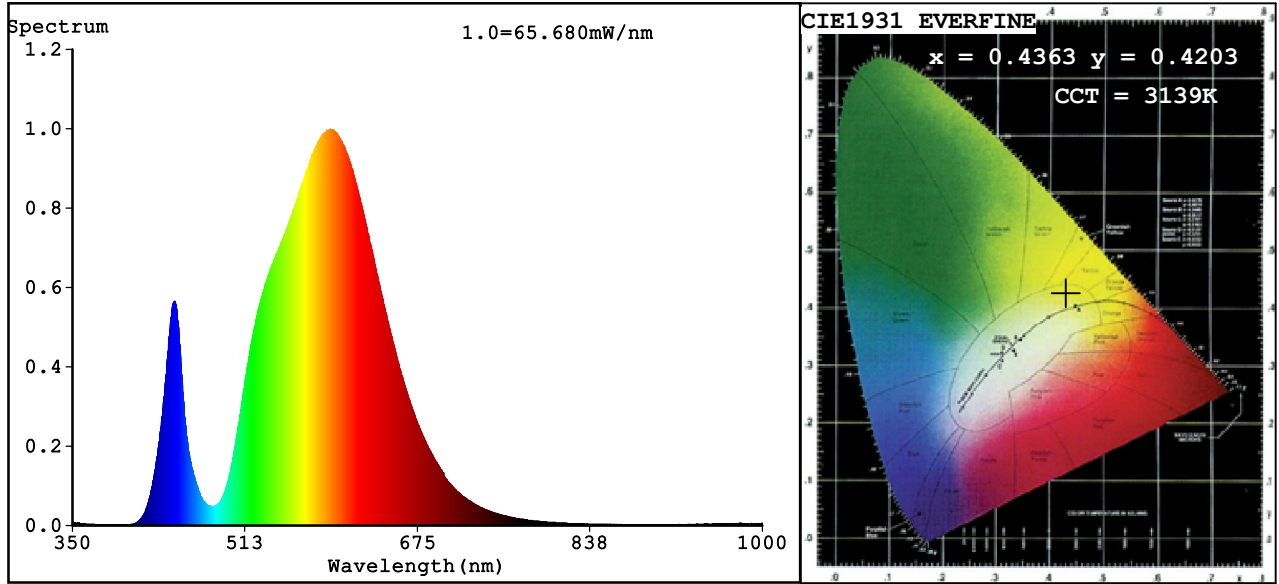
WHITE:OUT

Status: Integral T = 15 ms Ip = 47648 (73%)

Model:LED-5050-2X60/29W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED691
Date:2018-05-18 14:18
Humidity:65.0%
Remarks:O17V053B_4500

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4363$ $y=0.4203$ / $u'=0.2434$ $v'=0.5275$
 CCT=3139K (Duv=0.0065) Dominant WL:Ld =580.2nm Purity=57.1%
 Ratio:R=19.9% G=78.9% B=1.1%;; Peak WL:Lp=592.8nm FWHM=126.9nm
 Render Index:Ra=69.5
 R1 =66 R2 =76 R3 =86 R4 =69 R5 =64 R6 =66 R7 =80
 R8 =47 R9 =0 R10=45 R11=63 R12=35 R13=67 R14=92 R15=59

Photo Parameters:

Flux = 3373 lm Eff. : 88.42 lm/W Fe = 9.396 W

Electrical parameters:

V = 12.080 V I = 3.158 A P = 38.15 W PF = 1.000

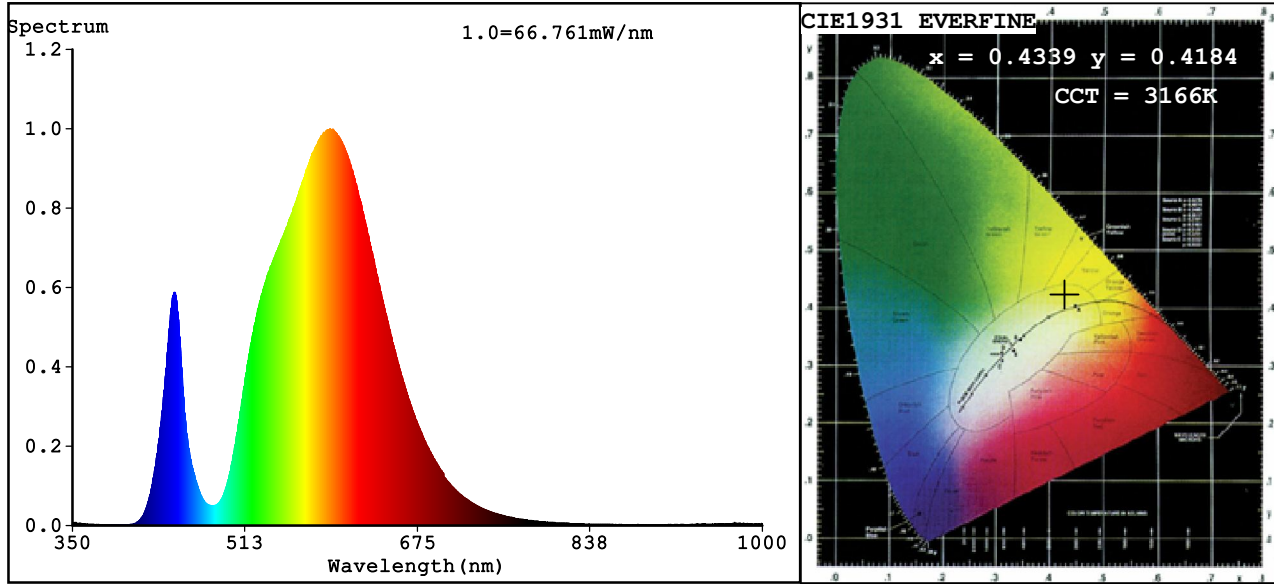
WHITE:OUT

Status: Integral T = 15 ms Ip = 50142 (77%)

Model:LED-5050-2X60/29W/m
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:99LED691
 Date:2018-05-18 14:36
 Humidity:65.0%
 Remarks:017V053B_4500

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4339$ $y=0.4184$ $u'=0.2426$ $v'=0.5264$

CCT=3166K(Duv=0.0061) Dominant WL:Ld =580.1nm Purity=55.8%

Ratio:R=19.8% G=79.0% B=1.2%;;Peak WL:Lp=592.8nm FWHM=127.2nm

Render Index:Ra=69.6

R1 =66	R2 =77	R3 =86	R4 =69	R5 =64	R6 =66	R7 =80	
R8 =48	R9 =0	R10=45	R11=63	R12=35	R13=67	R14=92	R15=59

Photo Parameters:

Flux = 3446 lm Eff. : 90.92 lm/W Fe = 9.612 W

Electrical parameters:

V = 12.080 V I = 3.137 A P = 37.90 W PF = 1.000

WHITE:OUT

Status: Integral T = 15 ms Ip = 51002 (78%)

Model:LED-5050-2X60/29W/m
Tester:Petya Marinova
Temperature:25.3Deg
Manufacturer:ELMARK

Number:99LED691
Date:2018-05-18 14:42
Humidity:65.0%
Remarks:017V053B_4500