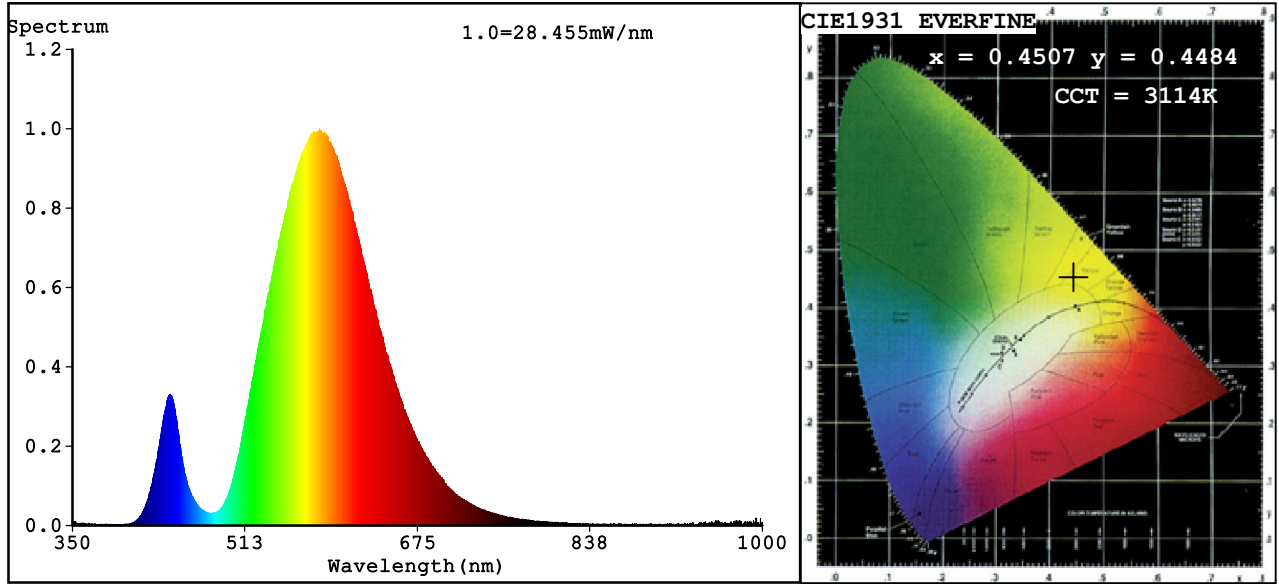


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4507$ $y=0.4484$ $u'=0.2410$ $v'=0.5396$

CCT=3114K (Duv=0.0148) Dominant WL:Ld =578.3nm Purity=69.9%

Ratio:R=18.0% G=81.2% B=0.7%;; Peak WL:Lp=582.8nm FWHM=110.7nm

Render Index:Ra=59.7

R1 =53	R2 =68	R3 =84	R4 =57	R5 =50	R6 =53	R7 =78	
R8 =34	R9 =0	R10=27	R11=45	R12=16	R13=54	R14=91	R15=45

Photo Parameters:

Flux = 1412 lm Eff. : 50.80 lm/W Fe = 3.641 W

Electrical parameters:

V = 12.080 V I = 2.302 A P = 27.80 W PF = 1.000

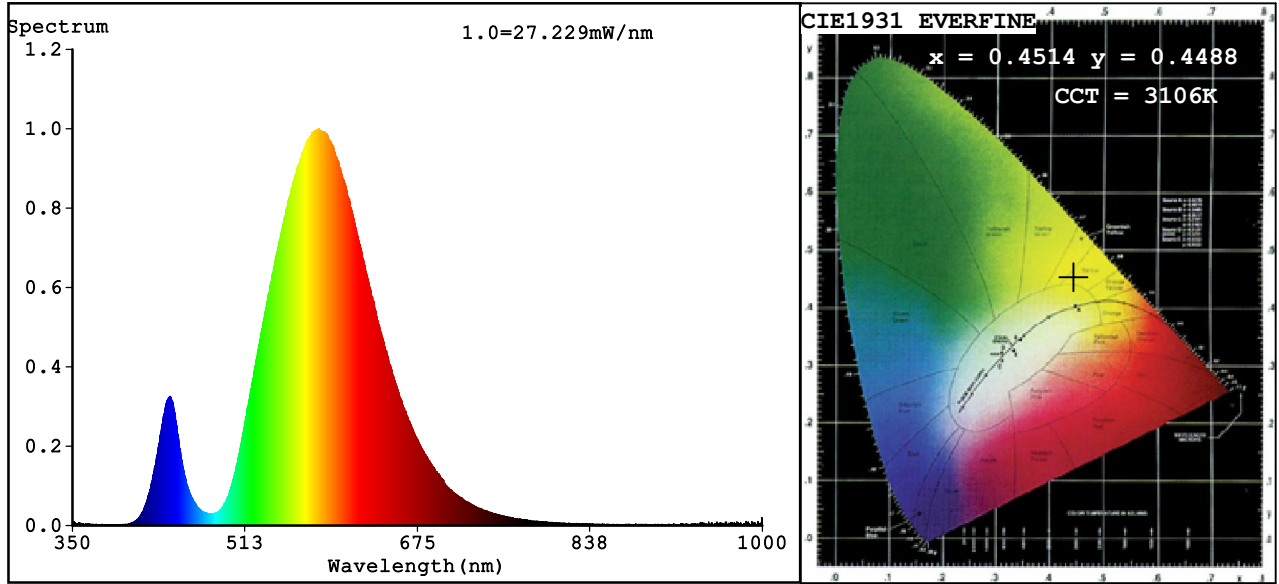
WHITE:OUT

Status: Integral T = 22 ms Ip = 32857 (50%)

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

Number:99XLED310
Date:2018-02-21 11:12
Humidity:65.0%
Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4514$ $y=0.4488$ $u'=0.2413$ $v'=0.5398$
 CCT=3106K(Duv=0.0148) Dominant WL:Ld =578.3nm Purity=70.2%
 Ratio:R=18.1% G=81.3% B=0.7%;;Peak WL:Lp=581.8nm FWHM=110.8nm
 Render Index:Ra=59.5
 R1 =53 R2 =68 R3 =84 R4 =56 R5 =50 R6 =53 R7 =78
 R8 =34 R9 =0 R10=27 R11=44 R12=16 R13=54 R14=91 R15=45

Photo Parameters:

Flux = 1354 lm Eff. : 49.24 lm/W Fe = 3.489 W

Electrical parameters:

V = 12.080 V I = 2.276 A P = 27.49 W PF = 1.000

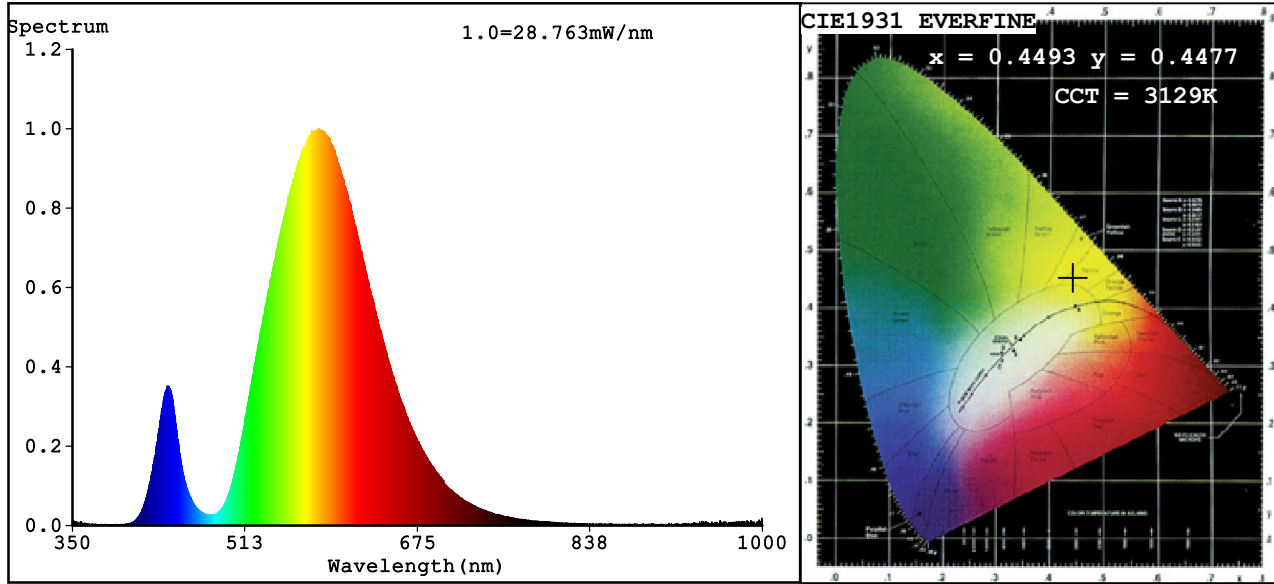
WHITE:OUT

Status: Integral T = 36 ms Ip = 51597 (79%)

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

Number:99XLED310
 Date:2018-02-21 12:36
 Humidity:65.0%
 Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4493$ $y=0.4477$ $u'=0.2405$ $v'=0.5391$
 CCT=3129K(Duv=0.0147) Dominant WL:Ld =578.2nm Purity=69.3%
 Ratio:R=17.9% G=81.4% B=0.7%;;Peak WL:Lp=581.5nm FWHM=111.4nm
 Render Index:Ra=59.5
 R1 =53 R2 =68 R3 =83 R4 =57 R5 =50 R6 =53 R7 =77
 R8 =34 R9 =0 R10=27 R11=45 R12=16 R13=54 R14=90 R15=45

Photo Parameters:

Flux = 1438 lm Eff. : 52.20 lm/W Fe = 3.718 W

Electrical parameters:

V = 12.080 V I = 2.280 A P = 27.55 W PF = 1.000

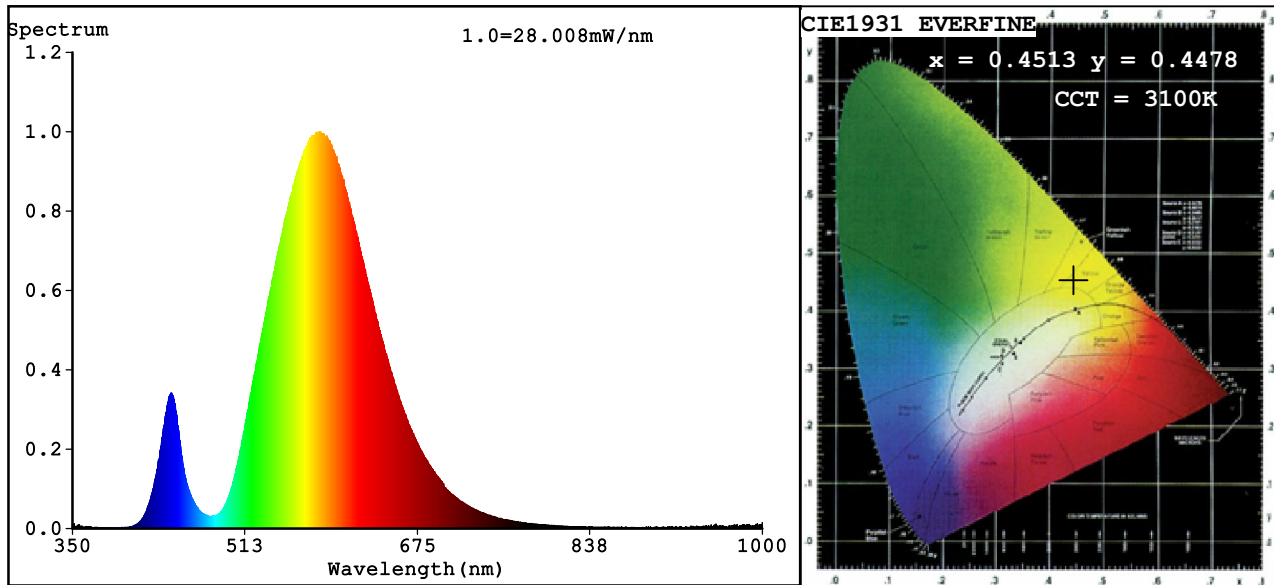
WHITE:OUT

Status: Integral T = 36 ms Ip = 54428 (83%)

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

Number:99XLED310
 Date:2018-02-21 13:01
 Humidity:65.0%
 Remarks:017V068À_4469

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4513$ $y=0.4478$ $u'=0.2416$ $v'=0.5395$
 CCT=3100K(Duv=0.0145) Dominant WL:Ld =578.4nm Purity=70.0%
 Ratio:R=18.1% G=81.2% B=0.7%;; Peak WL:Lp=581.8nm FWHM=110.1nm
 Render Index:Ra=59.6
 R1 =53 R2 =69 R3 =84 R4 =56 R5 =50 R6 =53 R7 =78
 R8 =34 R9 =0 R10=28 R11=44 R12=15 R13=54 R14=91 R15=45

Photo Parameters:

Flux = 1390 lm Eff. : 50.72 lm/W Fe = 3.584 W

Electrical parameters:

V = 12.080 V I = 2.268 A P = 27.40 W PF = 1.000

WHITE:OUT

Status: Integral T = 36 ms Ip = 52893 (81%)

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

Number:99XLED310
 Date:2018-02-21 13:13
 Humidity:65.0%
 Remarks:017V068À_4469