

LED SMART STRIP RGB+CCT LEDWIFIRGB SPECIFICATION



TECHNICAL SPECIFICATION	
MODEL	LED SMART STRIP RGB+CCT LEDWIFIRGB
VOLTAGE	12V
VOLTAGE FREQUENCY	50/60HZ
POWER	6W/M +3.5W/M+3.5W/M
POWER SUPPLY	12V 24W 2A (UK)
LUMINOUS FLUX	230LM/M
LED CHIP SOURCE	5050 RGB (30LEDS)+2835 W 30LEDS+2835WW 30LEDS
LED Qty.	90LEDS/M
COLOR TEMP.	2700-6500K+RGB
LIFESPAN	20000H
IP RATE	IP65
BEAM ANGLE	120°
DIMMING	1%-100% DIMMING
WORKING TEMPERATURE	-20°C-45°C
WORKING HUMIDITY	90%
WI-FI PROTOCOL	2.4GHz
WI-FI STANDARD	IEEE 802.11b/g/n
BLUETOOTH PROTOCOL	4.2
BLUETOOTH STANDARD	IEEE 802.15.1
PRODUCT DIMENSIONS	5M*12MM
POWER PLUG CABLE LENGTH	150CM
MATERIAL	PU
KIT NET WEIGHT	340G

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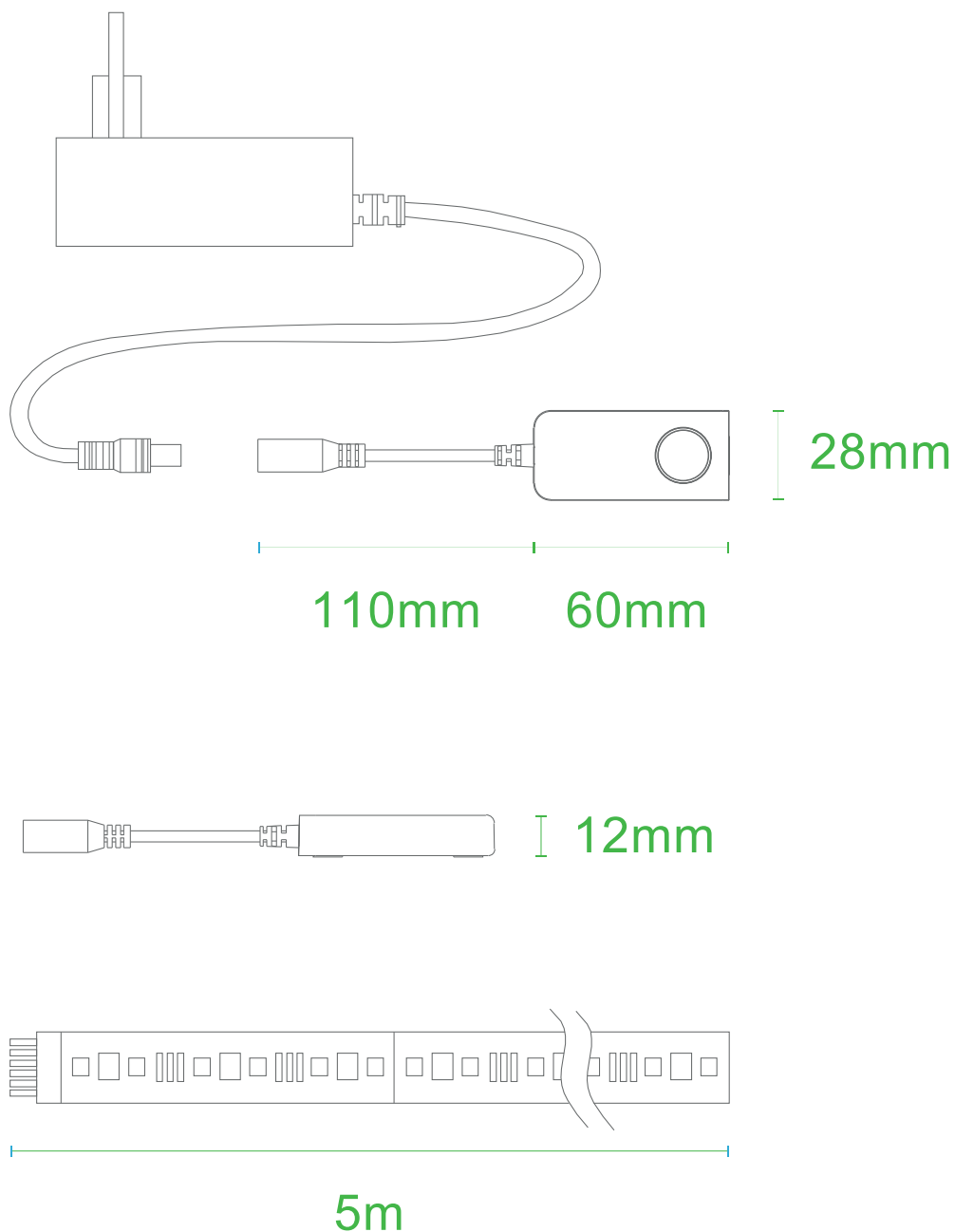


Controller Operating Instructions

- Press the button once: turn on your device.
- Press the button twice: turn off your device.
- Press the button for 6 seconds: reset your device.
- Press the button quickly once: change to your favorite scenes.

	LED STRIP RGB+CCT
To Pair	Initial blue light 50%, lighting flashes
Connected	White light 100% brightness

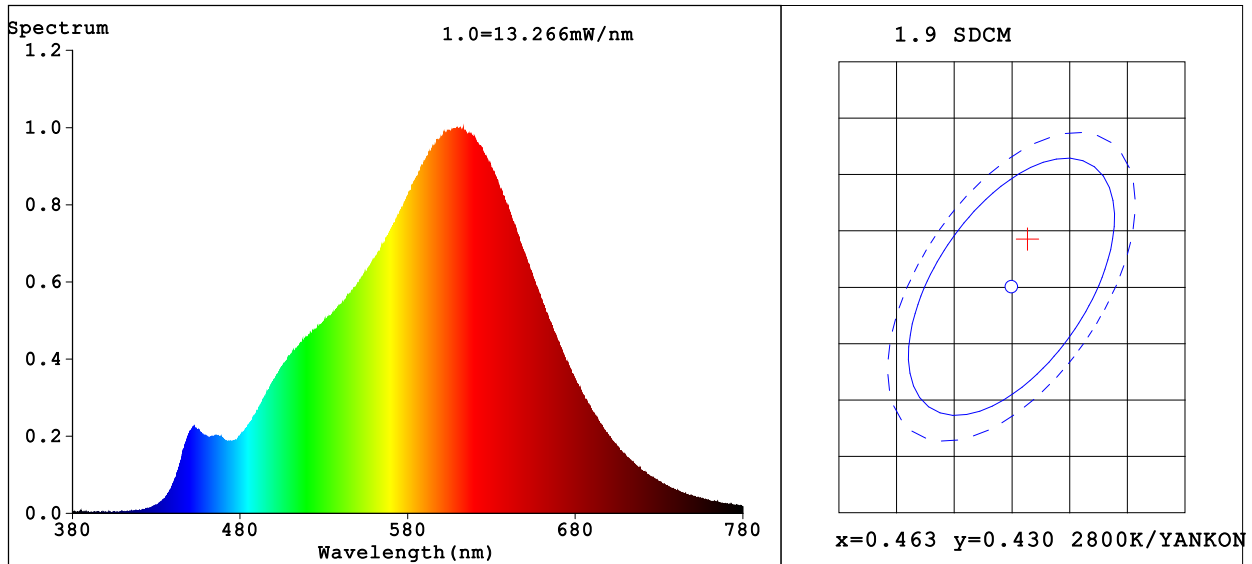
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PRODUCT HIGHLIGHTS	
HIGHLIGHT 1	EASY TO SET UP
HIGHLIGHT 2	TIMER SWITCH
HIGHLIGHT 3	VOICE CONTROL
HIGHLIGHT 4	1%-100% DIMMING
HIGHLIGHT 5	CAN WORK WITH ALEXA AND GOOGLE HOME
HIGHLIGHT 6	REMOTE COTROLLABLE AFTER CONNECTING TO THE NET
HIGHLIGHT 7	HOME CONTROL, MOBLIE PHONE APP CONTROL, ANDROID AND IOS SUPPORT
HIGHLIGHT 8	MULTICOLOR + TUNABLE WHITE
HIGHLIGHT 9	SYNC MUSIC

Optical & Electrical Test Report 2700K



Color Parameters:

Chromaticity Coordinate: $x=0.4644$ $y=0.4342$ $u'=0.2551$ $v'=0.5367$
CCT=2816K (Duv=0.0081) Dominant WL: $\lambda_d = 581.3\text{nm}$ Purity=69.8%
Ratio: R=24.2% G=73.4% B=2.4% Peak WL: $\lambda_p = 613.2\text{nm}$ FWHM=134.0nm
Render Index: Ra=85.2 AvgR=79.9

R1 =84	R2 =92	R3 =97	R4 =83	R5 =83	R6 =92	R7 =87	
R8 =65	R9 =19	R10=82	R11=83	R12=73	R13=85	R14=99	R15=75

Photo Parameters:

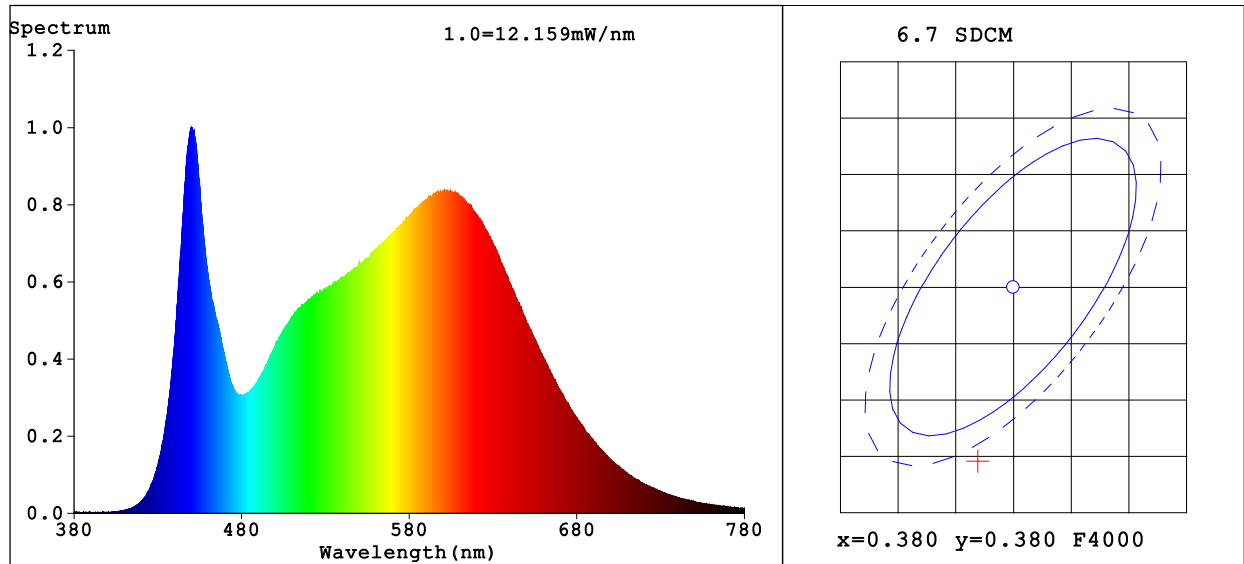
Flux = 637.2 lm Eff. : 57.56 lm/W Fe = 1.955 W

Electrical parameters:

V = 230.18 V I = 0.1134 A P = 11.07 W PF = 0.4242

Status: Integral T = 33 ms Ip = 32327 (49%)

Optical & Electrical Test Report 4000K



Color Parameters:

Chromaticity Coordinate: $x=0.3769$ $y=0.3645$ $u'=0.2277$ $v'=0.4956$
 CCT=4005K (Duv=-0.0048) Dominant WL: $\lambda_d = 582.2\text{nm}$ Purity=22.5%
 Ratio: R=19.6% G=76.3% B=4.2% Peak WL: $\lambda_p = 450.0\text{nm}$ FWHM=24.3nm
 Render Index: Ra=89.1 AvgR=85.0

R1 =90	R2 =95	R3 =96	R4 =89	R5 =90	R6 =91	R7 =88
R8 =75	R9 =38	R10=87	R11=89	R12=73	R13=91	R14=99 R15=86

Photo Parameters:

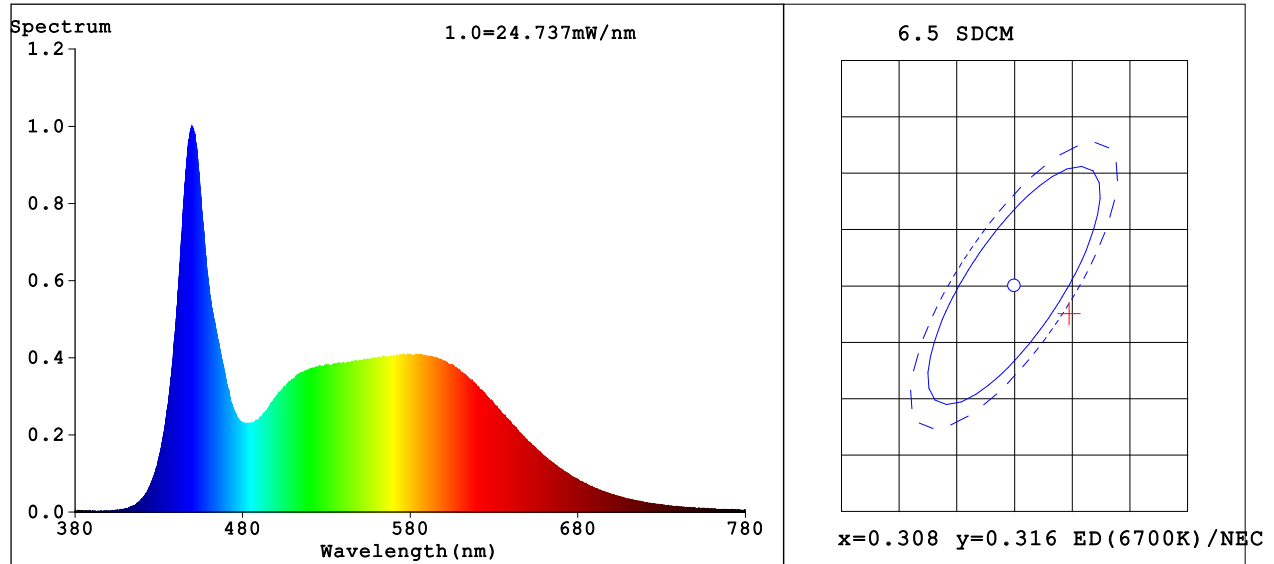
Flux = 582.9 lm Eff. : 60.03 lm/W $F_e = 1.880\text{ W}$

Electrical parameters:

V = 230.19 V I = 0.1023 A P = 9.710 W PF = 0.4125

Status: Integral T = 67 ms $I_p = 51069$ (78%)

Optical & Electrical Test Report 6500K



Color Parameters:

Chromaticity Coordinate: $x=0.3128$ $y=0.3135$ $u'=0.2039$ $v'=0.4598$
 CCT=6636K (Duv=-0.0050) Dominant WL:Ld =477.7nm Purity=8.8%
 Ratio:R=14.8% G=79.2% B=6.0% Peak WL:Lp=449.6nm FWHM=22.5nm
 Render Index:Ra=88.7 AvgR=84.1

R1 =90	R2 =92	R3 =91	R4 =91	R5 =90	R6 =86	R7 =90
R8 =80	R9 =40	R10=80	R11=91	R12=66	R13=91	R14=95 R15=89

Photo Parameters:

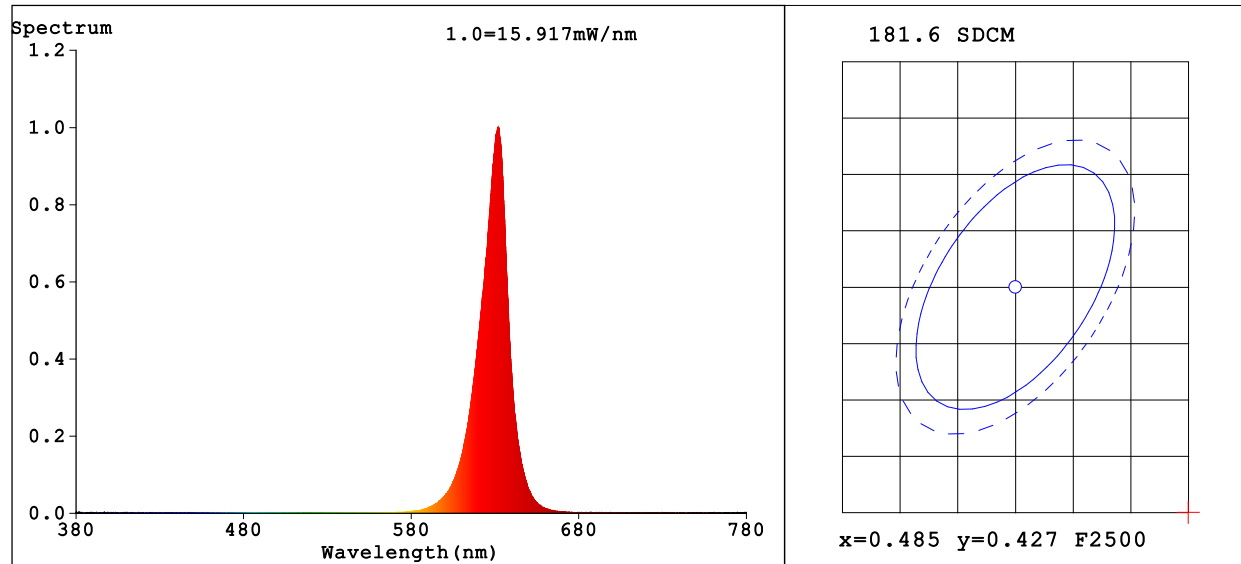
Flux = 668.3 lm Eff. : 60.48 lm/W Fe = 2.267 W

Electrical parameters:

V = 230.18 V I = 0.1133 A P = 11.05 W PF = 0.4238

Status: Integral T = 42 ms Ip = 54916 (84%)

Optical & Electrical Test Report RED



Color Parameters:

Chromaticity Coordinate: $x=0.6926$ $y=0.3055/u'=0.5246$ $v'=0.5207$
 CCT=1001K (Duv=-0.0770) Dominant WL: $\lambda_d = 621.5\text{nm}$ Purity=99.5%
 Ratio: R=95.4% G=4.5% B=0.0% Peak WL: $\lambda_p = 631.7\text{nm}$ FWHM=17.0nm
 Render Index: $R_a=28.7$ AvgR=31.7

R1 =11	R2 =80	R3 =33	R4 =0	R5 =7	R6 =92	R7 =8
R8 =0	R9 =0	R10=74	R11=0	R12=78	R13=33	R14=61 R15=0

Photo Parameters:

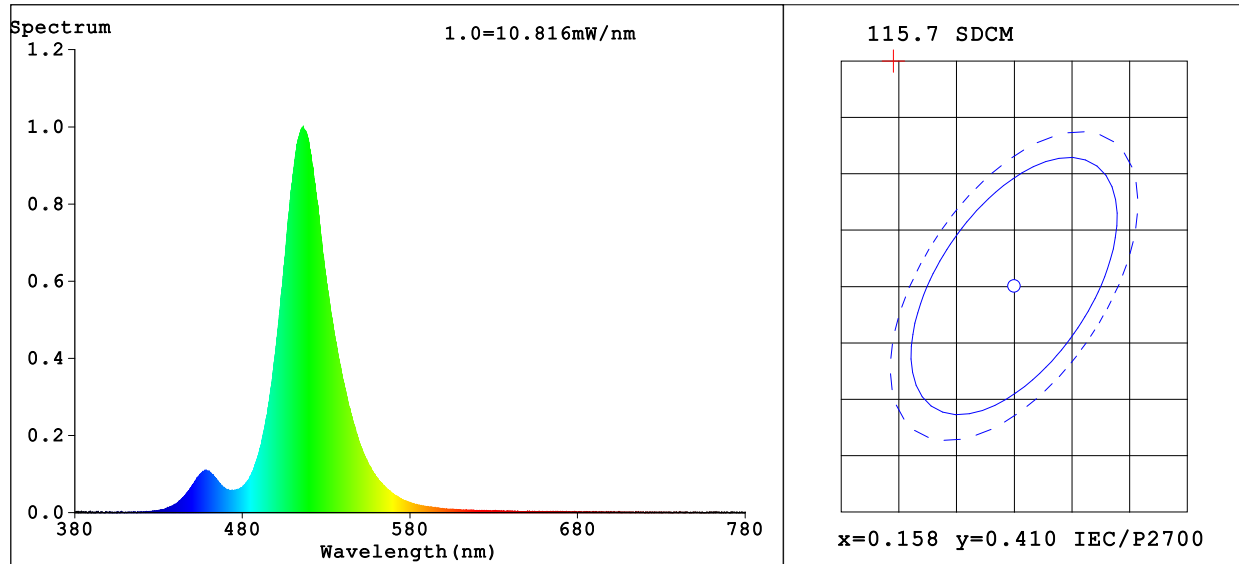
Flux = 66.76 lm Eff. : 6.10 lm/W $F_e = 331.1$ mW

Electrical parameters:

V = 230.19 V I = 0.1123 A P = 10.94 W PF = 0.4229

Status: Integral T = 42 ms $I_p = 47096$ (72%)

Optical & Electrical Test Report GREEN



Color Parameters:

Chromaticity Coordinate: $x=0.1475$ $y=0.6253$ $u'=0.0578$ $v'=0.5513$

CCT=8973K (Duv=0.1517) Dominant WL:Ld =514.1nm Purity=62.0%

Ratio:R=0.4% G=95.5% B=4.1% Peak WL:Lp=516.3nm FWHM=31.7nm

Render Index:Ra=11.2 AvgR=10.1

R1 =0	R2 =12	R3 =30	R4 =0	R5 =0	R6 =2	R7 =45		
R8 =0	R9 =0	R10=0	R11=0	R12=0	R13=0	R14=62	R15=0	

Photo Parameters:

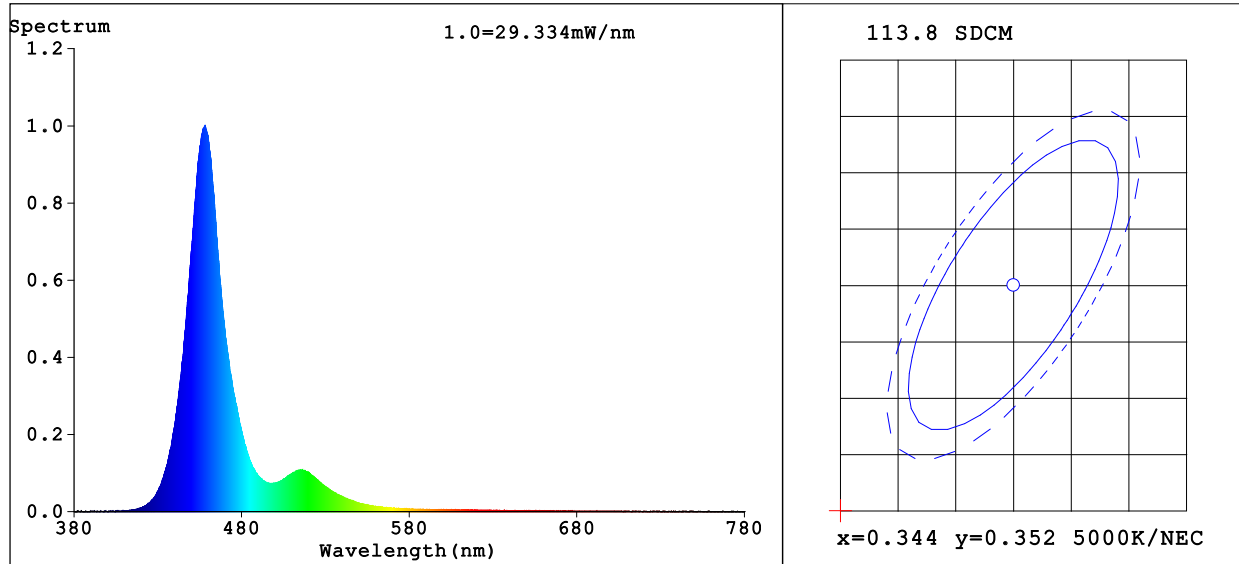
Flux = 185.8 lm Eff. : 28.90 lm/W Fe = 441.1 mW

Electrical parameters:

V = 230.19 V I = 0.07332 A P = 6.429 W PF = 0.3809

Status: Integral T = 69 ms Ip = 50883 (78%)

Optical & Electrical Test Report BLUE



Color Parameters:

Chromaticity Coordinate: $x=0.1472$ $y=0.0884$ $u'=0.1564$ $v'=0.2113$
CCT=100000K(Duv=-0.1274) Dominant WL:Ld =470.0nm Purity=88.9%
Ratio:R=1.4% G=59.0% B=39.7% Peak WL:Lp=458.1nm FWHM=22.4nm
Render Index:Ra=10.7 AvgR=9.7

R1 =6	R2 =34	R3 =0	R4 =0	R5 =23	R6 =19	R7 =3	
R8 =0	R9 =0	R10=0	R11=0	R12=10	R13=12	R14=17	R15=22

Photo Parameters:

Flux = 95.84 lm Eff. : 12.17 lm/W Fe = 926.9 mW

Electrical parameters:

V = 230.20 V I = 0.08659 A P = 7.873 W PF = 0.3950

Status: Integral T = 28 ms Ip = 45432 (69%)