



SL-24-RGB+CCT LED Strip

Product Details

Code	SL-24-RGB+CCT
Warranty	3 Years
RoHS Compliance	IEC 62321:2013
CE Certification	EN 55015:2013/A1:2015 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 61547:2009

Physical Data

PCB Colour	White
PCB Width	12mm
Thickness Including LED	2mm
Cut Points	100mm

Electrical Data

Voltage	24V
Power Consumption	19.2W/m
Dimmable	Yes (PWM)

Light Data

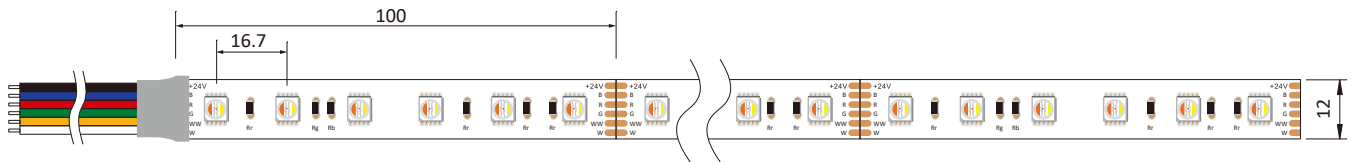
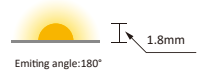
Colour Temperature	2300K	6500K	R	G	B
Lumens per Metre	325	378	115	255	60
LEDs per Metre	60				
Beam Angle	180°				
Colour Rendering Index(CRI)	>80				
LED Type	5050				
LED Manufacturer	SANAN				

Environment

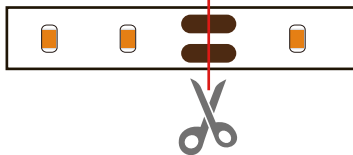
Operating Temperature	-30 ~ 60°C
Ingress Protection (IP) Rating	65

SL-24-RGB+CCT LED Strip

5050 60 LEDs/m



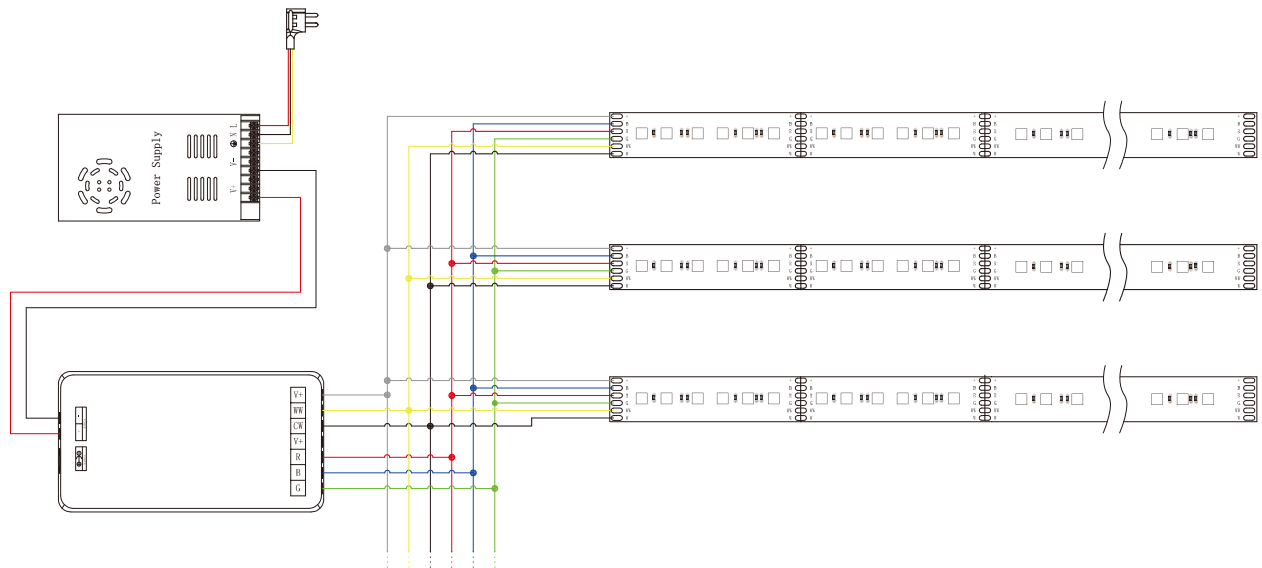
Unit: mm



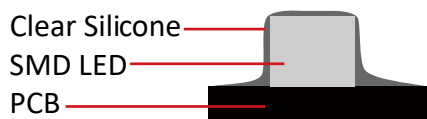
Cut in the centre of the copper or soldered points



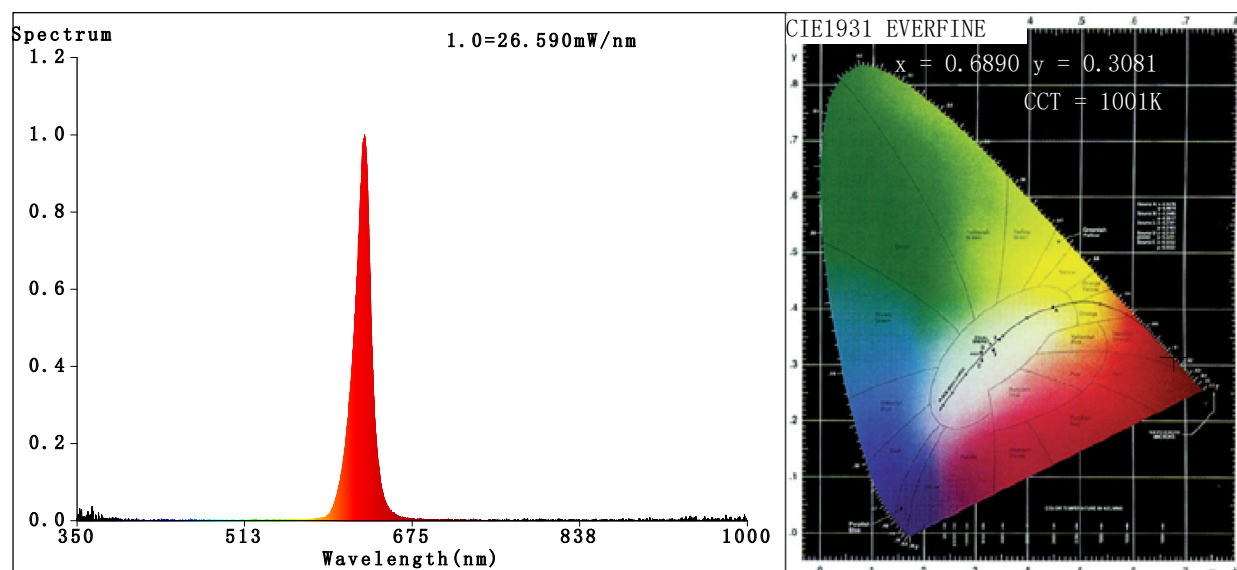
Peel off paper backing to reveal 3m self adhesive



IP65 Silicone Spray Coating



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.6890$ $y=0.3081$ / $u'=0.5181$ $v'=0.5213$
 CCT=1001K (Duv=-0.0706) Dominant WL:Ld =620.2nm WL:Lc = --nm Purity=99.2%
 Ratio:R=96.1% G=3.9% B=0.0% Peak WL:Lp=628.8nm FWHM=16.2nm
 Render Index:Ra=29.2 AvgR=32.2

R1 =13 R2 =81 R3 =33 R4 =0 R5 =9 R6 =93 R7 =5
 R8 =0 R9 =0 R10=76 R11=0 R12=76 R13=36 R14=62 R15=0

Photo Parameters:

Flux = 115.5 lm Eff. : 30.15 lm/W Fe = 545.5 mW

Electrical parameters:

V = 23.999 V I = 0.1597 A P = 3.833 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 7369 (11%)

GBT5702

Model:SL-24-RGB+CCT-R

Tester:

Temperature:Deg

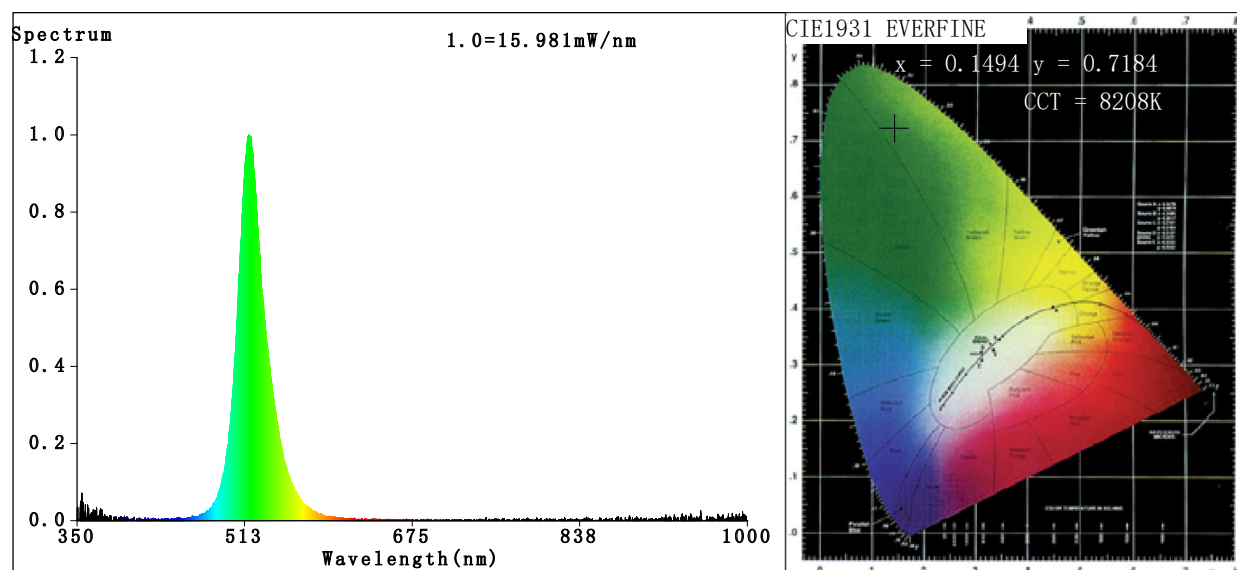
Manufacturer:

Date:2026-09-11 18:38:16

Humidity:%

Remarks:IP65/1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1494$ $y=0.7184$ $u'=0.0528$ $v'=0.5711$
 CCT=8208K (Duv=0.1625) Dominant WL:Ld =522.7nm WL:Lc = --nm Purity=77.2%
 Ratio:R=0.3% G=97.3% B=2.4% Peak WL:Lp=516.3nm FWHM=27.8nm
 Render Index:Ra=0.0 AvgR=2.6

R1 =0 R2 =0 R3 =0 R4 =0 R5 =0 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=40 R15=0

Photo Parameters:

Flux = 255.0 lm Eff. : 66.09 lm/W Fe = 566.8 mW

Electrical parameters:

V = 23.999 V I = 0.1608 A P = 3.859 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 4860 (7%)

GBT5702

Model:SL-24-RGB+CCT-G

Tester:

Temperature:Deg

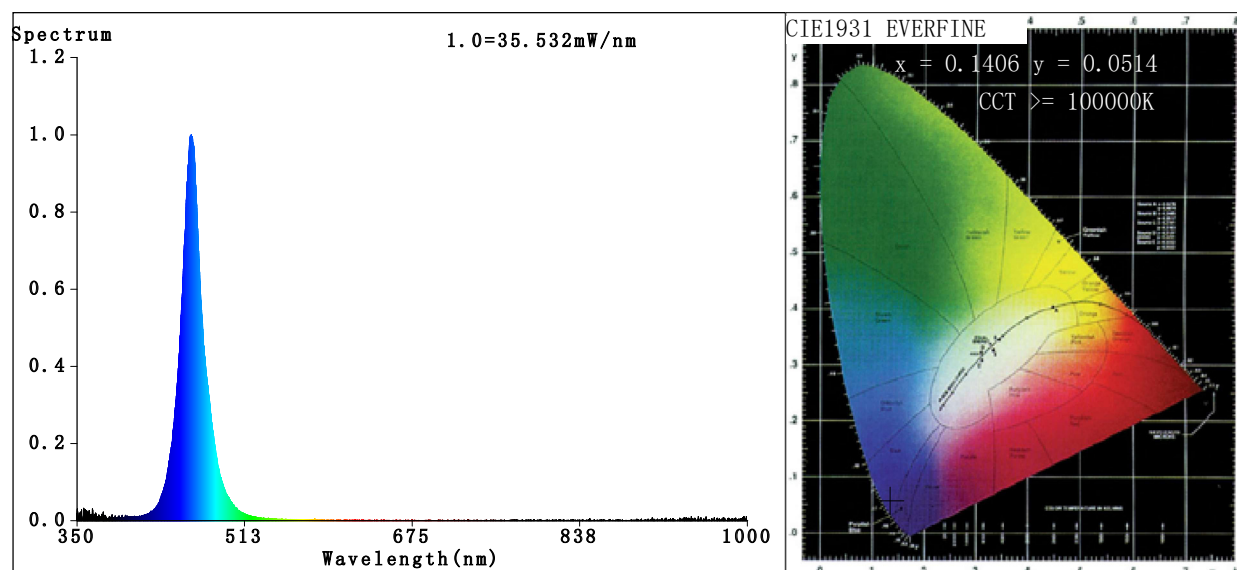
Manufacturer:

Date:2026-09-11 18:39:08

Humidity:%

Remarks:IP65/1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.1406$ $y=0.0514$ $u'=0.1686$ $v'=0.1387$
 CCT=100000K (Duv=-0.1739) Dominant WL:Ld =465.7nm WL:Lc = --nm Purity=96.7%
 Ratio:R=0.6% G=18.0% B=81.5% Peak WL:Lp=460.8nm FWHM=21.4nm
 Render Index:Ra=0.7 AvgR=0.7

R1 =0 R2 =0 R3 =0 R4 =0 R5 =5 R6 =0 R7 =0
 R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=5

Photo Parameters:

Flux = 59.87 lm Eff. : 14.98 lm/W $F_e = 1.006$ W

Electrical parameters:

V = 23.999 V I = 0.1666 A P = 3.998 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms $I_p = 7837$ (12%)

GBT5702

Model:SL-24-RGB+CCT-B

Tester:

Temperature:Deg

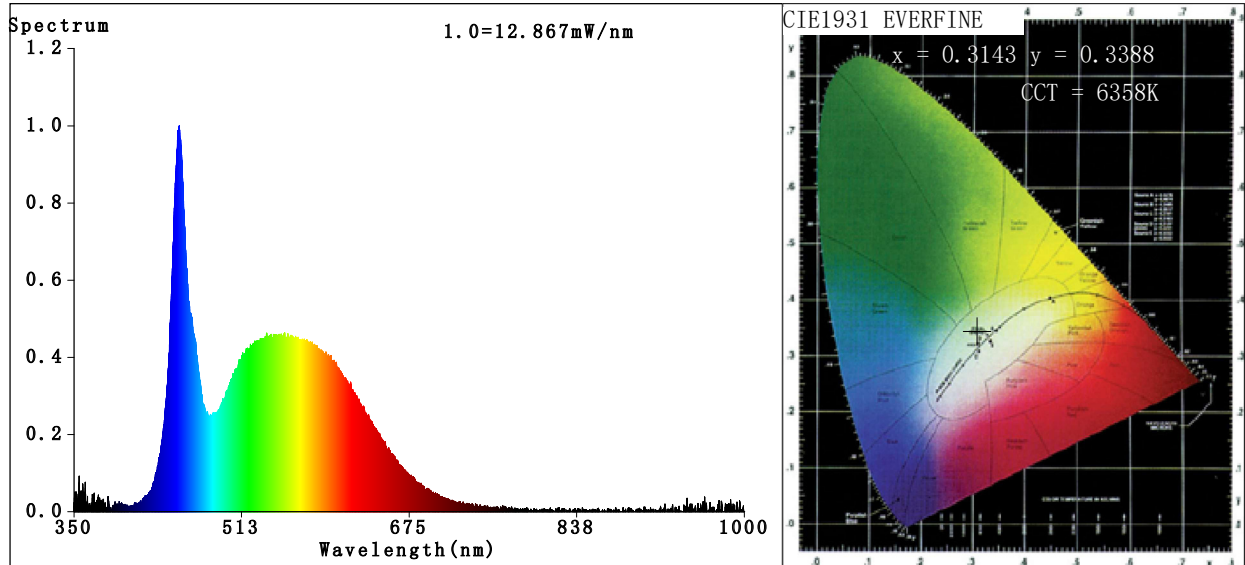
Manufacturer:

Date:2026-09-11 18:39:50

Humidity:%

Remarks:IP65/1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3143$ $y=0.3388$ $u'=0.1953$ $v'=0.4737$
CCT=6358K (Duv=0.0074) Dominant WL:Ld =495.4nm WL:Lc = --nm Purity=6.1%
Ratio:R=13.2% G=81.1% B=5.7% Peak WL:Lp=452.0nm FWHM=19.9nm
Render Index:Ra=82.9 AvgR=75.2

R1 =80 R2 =88 R3 =93 R4 =81 R5 =81 R6 =83 R7 =89
R8 =69 R9 =5 R10=71 R11=80 R12=57 R13=82 R14=96 R15=75

Photo Parameters:

Flux = 378.4 lm Eff. : 91.04 lm/W Fe = 1.226 W

Electrical parameters:

V = 23.999 V I = 0.1732 A P = 4.157 W PF = 1.000

LEVEL:OUT WHITE:ANSI_6500K

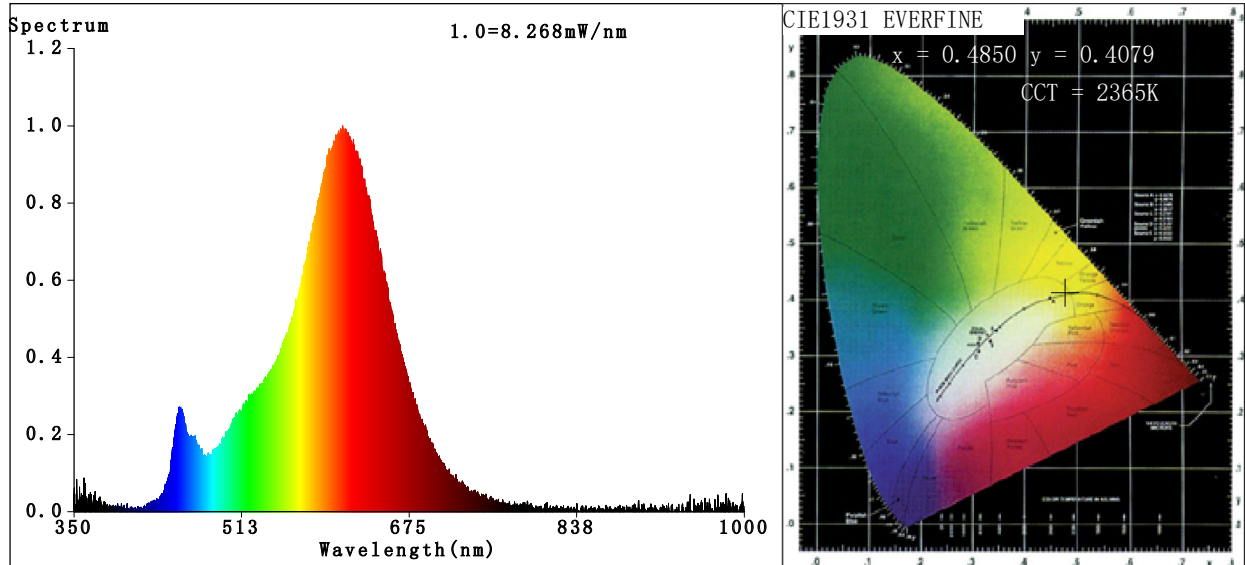
Status: Integral T = 500 ms Ip = 2616 (4%)

GBT5702

Model:SL-24-RGB+CCT-CW
Tester:
Temperature:Deg
Manufacturer:

Date:2026-09-11 18:40:26
Humidity:%
Remarks:IP65/1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4850$ $y=0.4079$ / $u'=0.2801$ $v'=0.5301$
CCT=2365K(Duv=-0.0023) Dominant WL:Ld =586.8nm WL:Lc = --nm Purity=68.0%
Ratio:R=28.7% G=69.2% B=2.1% Peak WL:Lp=610.4nm FWHM=97.9nm
Render Index:Ra=81.8 AvgR=78.1

R1 =82 R2 =95 R3 =90 R4 =79 R5 =83 R6 =96 R7 =77
R8 =53 R9 =7 R10=90 R11=80 R12=86 R13=85 R14=95 R15=73

Photo Parameters:

Flux = 324.2 lm Eff. : 77.96 lm/W Fe = 1.049 W

Electrical parameters:

V = 23.999 V I = 0.1733 A P = 4.159 W PF = 1.000

LEVEL:OUT WHITE:OUT

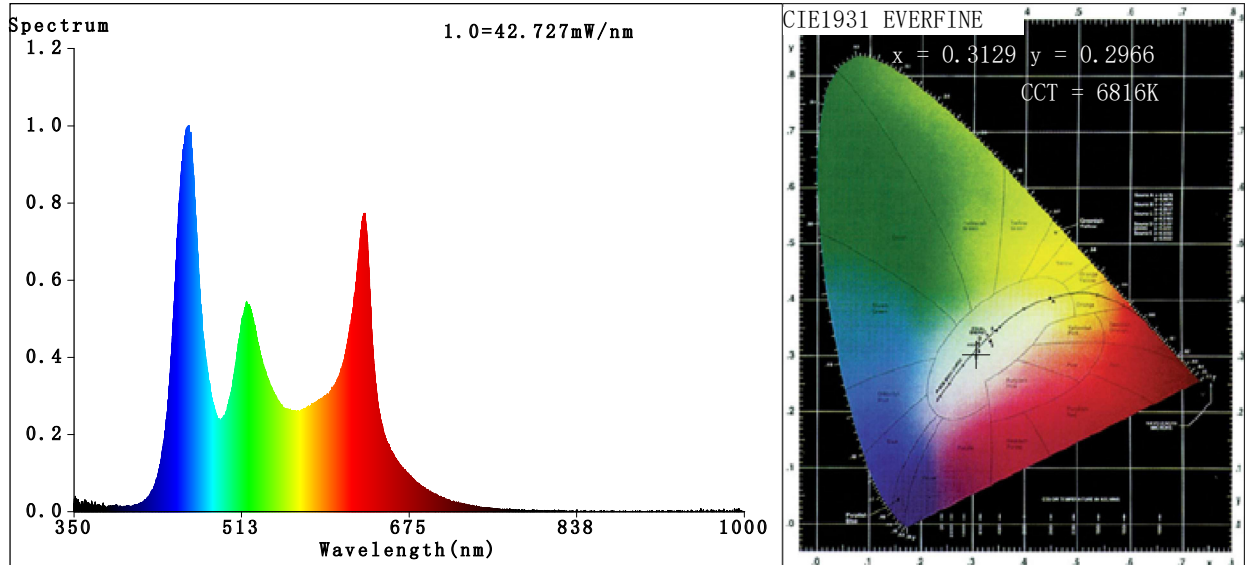
Status: Integral T = 500 ms Ip = 2470 (4%)

GBT5702

Model:SL-24-RGB+CCT-EWW
Tester:
Temperature:Deg
Manufacturer:

Date:2026-09-11 18:40:54
Humidity:%
Remarks:IP65/1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3129$ $y=0.2966$ $u'=0.2110$ $v'=0.4499$
CCT=6816K (Duv=-0.0146) Dominant WL:Ld =448.9nm WL:Lc = --nm Purity=11.6%
Ratio:R=21.4% G=70.9% B=7.7% Peak WL:Lp=461.5nm FWHM=27.7nm
Render Index:Ra=71.8 AvgR=63.7

R1 =59 R2 =77 R3 =94 R4 =67 R5 =66 R6 =71 R7 =86
R8 =56 R9 =0 R10=52 R11=56 R12=65 R13=62 R14=93 R15=54

Photo Parameters:

Flux = 1096 lm Eff. : 54.27 lm/W Fe = 4.246 W

Electrical parameters:

V = 23.999 V I = 0.8413 A P = 20.19 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 500 ms Ip = 9430 (14%)

GBT5702

Model:SL-24-RGB+CCT

Tester:

Temperature:Deg

Manufacturer:

Date:2026-09-11 18:41:45

Humidity:%

Remarks:IP65/1M