



COB5-24V LED Strip

Product Details

Code	COB5-24V
Warranty	5 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	10mm
Thickness Including LED	2mm
Cut Points	50mm

Electrical Data

Voltage	24V
Power Consumption	5W/m
Dimmable	Yes (PWM)

Light Data

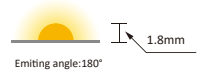
Colour Temperature	2000K	2400K	2700K
Lumens per Metre	504	520	534
LEDs per Metre	480		
Beam Angle	180°		
Colour Rendering Index(CRI)	>90		
LED Type	COB		
LED Manufacturer	SANAN		

Environment

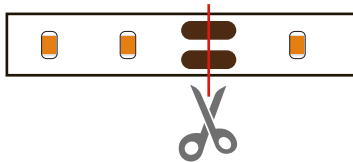
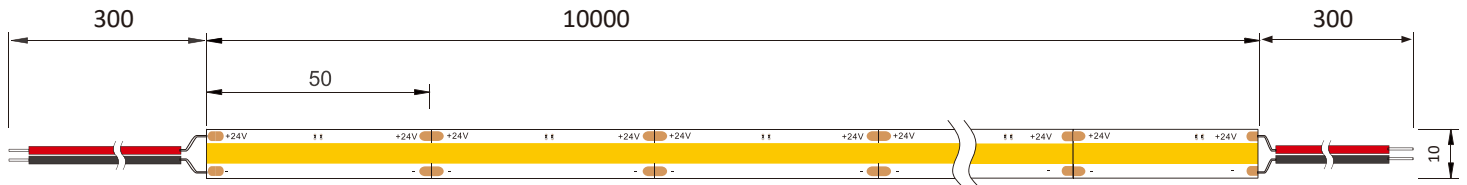
Operating Temperature	-30 ~ 60°C
Ingress Protection (IP) Rating	65

COB5 - 24V LED Strip

COB 480LEDs/m



Unit:mm



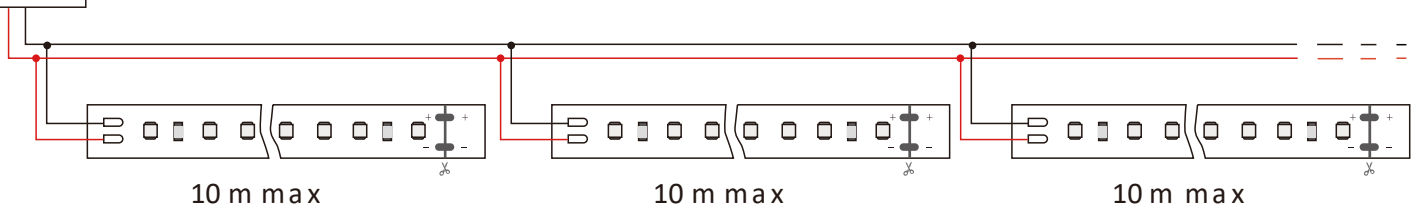
Cut in the centre of the copper or soldered points



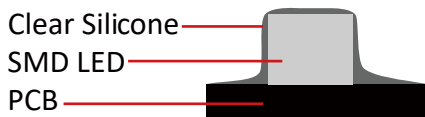
Peel off paper backing to reveal 3m self adhesive

24V Power Supply

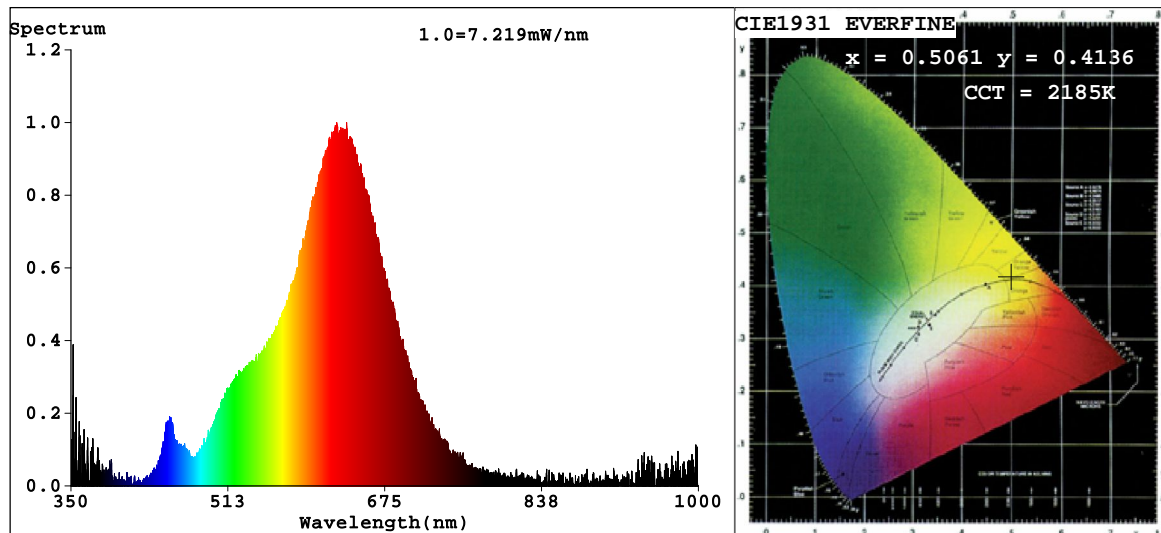
Connect up to 10m of LED Strip in series, additional strips must be connected in parallel



IP65 Silicone Spray Coating



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.5061$ $y=0.4136$ / $u'=0.2912$ $v'=0.5355$
 CCT=2185K (Duv=-0.0005) Dominant WL: $L_d = 587.5\text{nm}$ WL: $L_c = --\text{nm}$ Purity=76.0%
 Ratio: R=32.38% G=66.04% B=1.58% Peak WL: $L_p=635.6\text{nm}$ FWHM=109.4nm
 Render Index: $R_a=94.3$ AvgR=92.7 TM30: $R_f=92$ $R_g=100$

R1 =96 R2 =99 R3 =98 R4 =97 R5 =97 R6 =95 R7 =90
 R8 =81 R9 =62 R10=98 R11=96 R12=94 R13=97 R14=99 R15=90

Photo Parameters:

Flux = 505.4 lm Eff. : 101.05 lm/W Fe = 998.0 mW

Electrical parameters:

V = 23.999 V I = 0.2084 A P = 5.002 W PF = 1.000

LEVEL:OUT WHITE:OUT

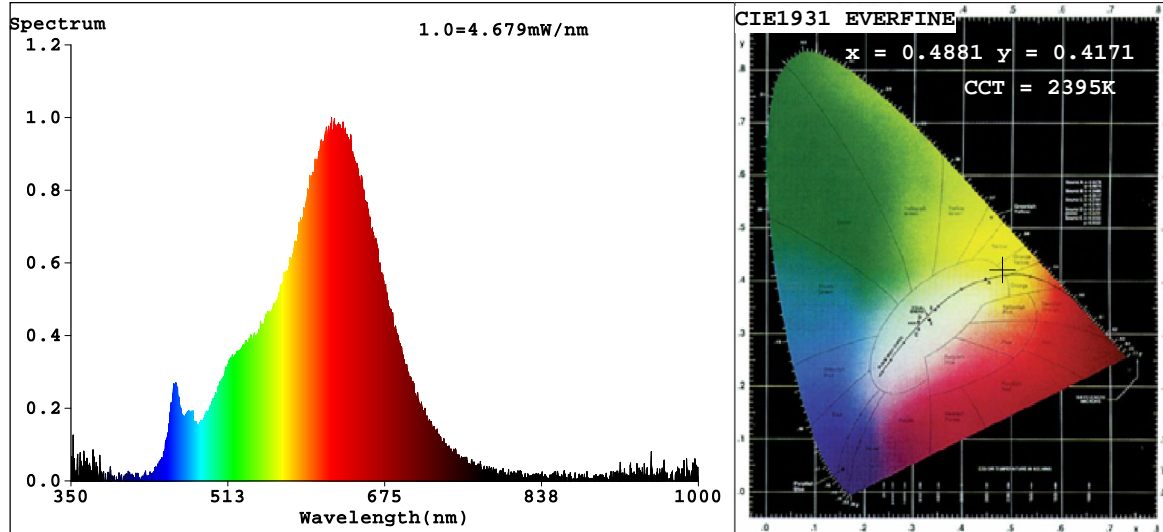
Status: Integral T = 100 ms Ip = 486 (1%)

GBT5702

Model: COB
 Tester:
 Temperature: Deg
 Manufacturer:

Number: 1
 Date: 2024-12-22 09:16:09
 Humidity: %
 Remarks: IP20/0.5M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4881$ $y=0.4171$ / $u'=0.2778$ $v'=0.5341$
 CCT=2395K(Duv=0.0008) Dominant WL:Ld =585.7nm WL:Lc = --nm Purity=71.7%
 Ratio:R=29.69% G=68.14% B=2.16% Peak WL:Lp=619.9nm FWHM=113.9nm
 Render Index:Ra=92.9 TM30:Rf=90 Rg=96

R1 =95 R2 =99 R3 =96 R4 =94 R5 =96 R6 =95 R7 =89
 R8 =79 R9 =57 R10=99 R11=98 R12=88 R13=97 R14=99 R15=88

Photo Parameters:

Flux = 520.0 lm Eff. : 103.29 lm/W Fe = 998.9 mW

Electrical parameters:

V = 23.999 V I = 0.2098 A P = 5.034 W PF = 1.000

LEVEL:OUT WHITE:OUT

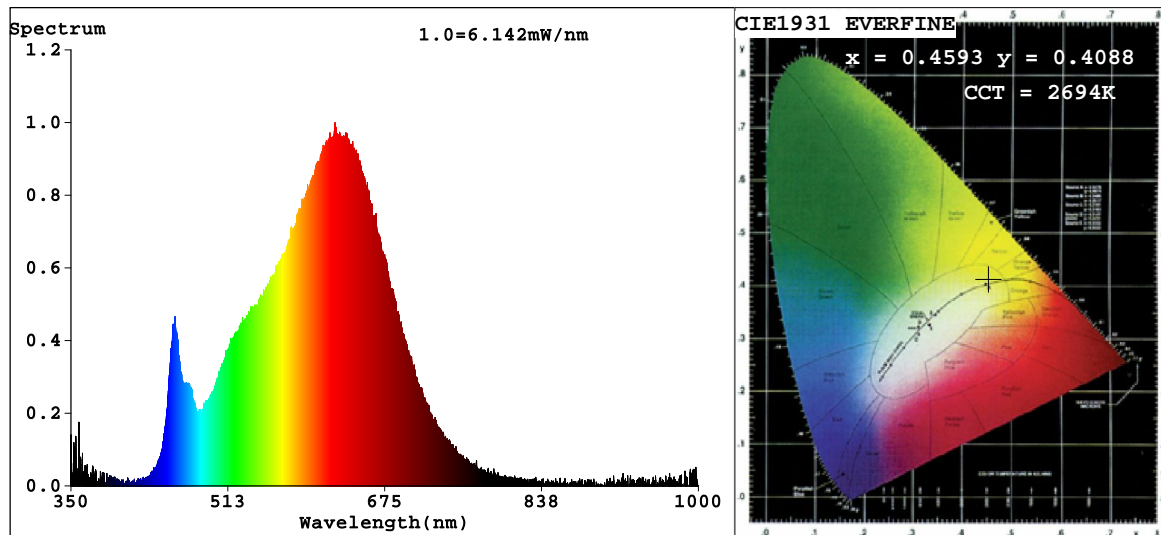
Status: Integral T = 500 ms Ip = 1411 (2%)

GBT5702

Model:COB5-2400K-24V-1m
 Tester:
 Temperature:Deg
 Manufacturer:

Number:1
 Date:2024-12-19 09:25:02
 Humidity:%
 Remarks:IP20/0.5M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4593$ $y=0.4088$ / $u'=0.2629$ $v'=0.5266$
 CCT=2694K (Duv=-0.0006) Dominant WL:Ld =584.4nm WL:Lc = --nm Purity=60.6%
 Ratio:R=26.73% G=70.62% B=2.64% Peak WL:Lp=623.5nm FWHM=146.8nm
 Render Index:Ra=94.3 TM30:Rf=92 Rg=99

R1 =95 R2 =99 R3 =98 R4 =94 R5 =95 R6 =97 R7 =92
 R8 =84 R9 =68 R10=96 R11=95 R12=83 R13=97 R14=100 R15=92

Photo Parameters:

Flux = 535.4 lm Eff. : 108.21 lm/W Fe = 994.2 mW

Electrical parameters:

V = 23.999 V I = 0.2062 A P = 4.9848 W PF = 1.000

LEVEL:OUT WHITE:ANSI_2700K

Status: Integral T = 500 ms Ip = 2063 (3%)

GBT5702

Model:COB5-2700K-24V-1m
 Tester:
 Temperature:Deg
 Manufacturer:

Number:1
 Date:2025-01-18 13:37:17
 Humidity:%
 Remarks:IP20/0.5M