



COB10-24V-IP68 LED Strip

Product Details

Code	COB10-24V-IP68
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	10mm
Thickness Including LED	5mm
Cut Points	50mm

Electrical Data

Voltage	24V
Power Consumption	10W/m
Dimmable	Yes (PWM)

Light Data

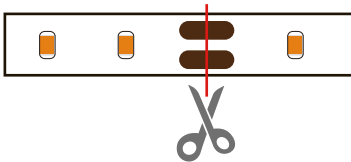
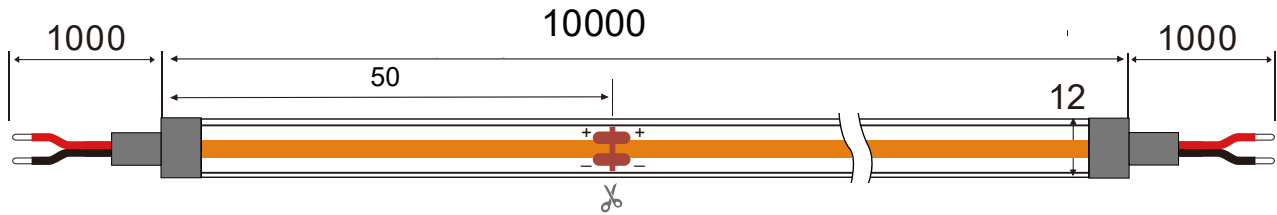
Colour Temperature (After Waterproof)	3000K	4000K
Lumens per Metre	1041	1146
LED chip per Meter	480	
Beam Angle	180°	
Colour Rendering Index(CRI)	>90	
LED Manufacturer	Sanan	

Environment

Operating Temperature	-30 ~ 60°C
Ingress Protection (IP) Rating	IP68

COB10-24V-IP68 LED Strip

COB 480pcs chips/m DC 24V Unit:mm



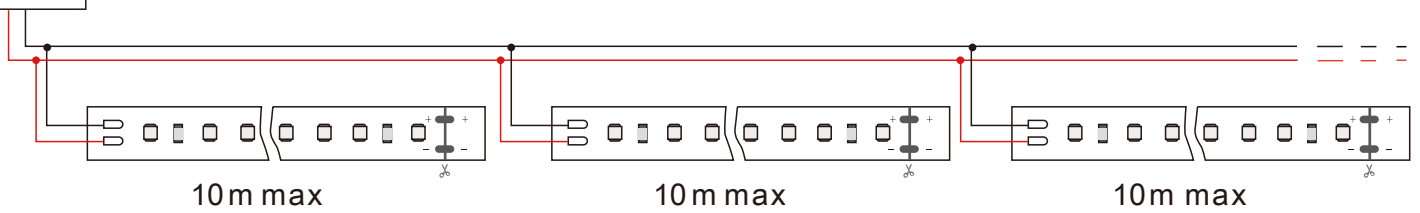
Cut in the centre of the copper or soldered points



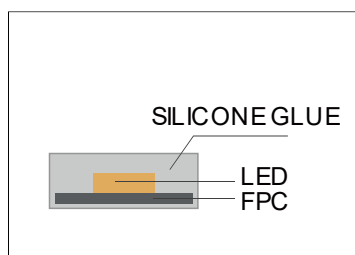
Peel off paper backing to reveal 3m self adhesive

24V Power Supply

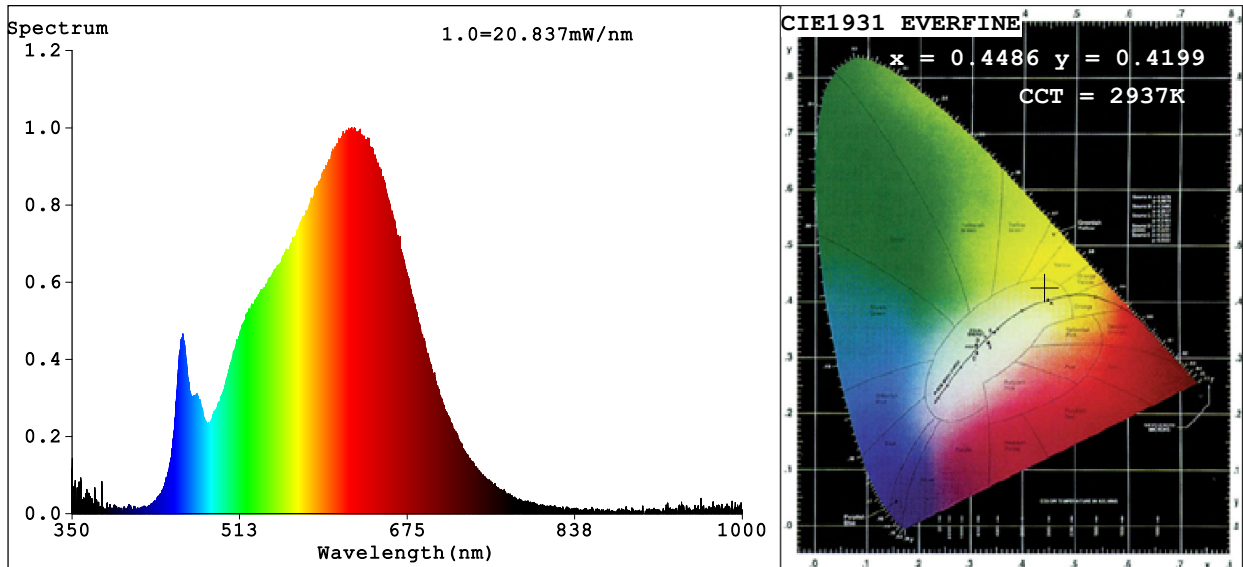
Connect up to 10m of LED Strip in series, additional strips must be connected in parallel



IP68
Solid extruded



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4486$ $y=0.4199$ / $u'=0.2513$ $v'=0.5292$
 CCT=2937K (Duv=0.0046) Dominant WL:Ld =581.6nm WL:Lc = --nm Purity=60.7%
 Ratio:R=24.3% G=73.0% B=2.7% Peak WL:Lp=621.2nm FWHM=168.9nm
 Render Index:Ra=92.4

R1 =92 R2 =95 R3 =98 R4 =91 R5 =91 R6 =95 R7 =93
 R8 =83 R9 =60 R10=89 R11=92 R12=75 R13=93 R14=98 R15=88

Photo Parameters:

Flux = 1041 lm Eff. : 106.05 lm/W Fe = 3.672 W

Electrical parameters:

V = 23.999 V I = 0.4089 A P = 9.813 W PF = 1.000

LEVEL:OUT WHITE:ANSI_3000K

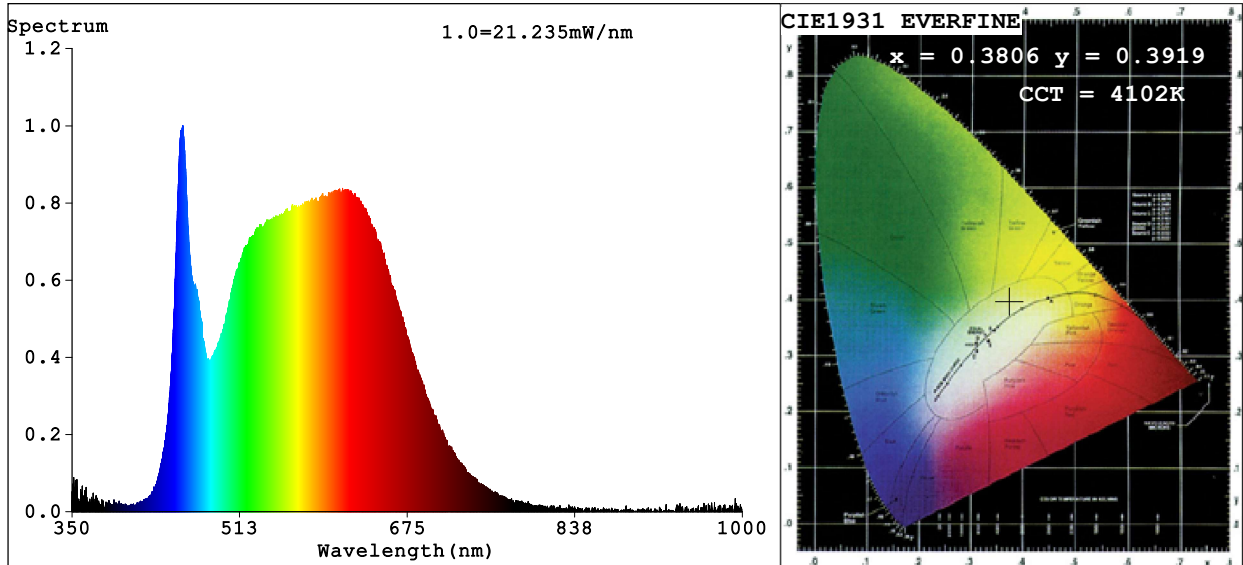
Status: Integral T = 100 ms Ip = 1714 (3%)

GBT5702

Model:480D COB 24V 10MM
 Tester:
 Temperature:Deg
 Manufacturer:

Number:3000K
 Date:2024-05-24 20:50:56
 Humidity:%
 Remarks:1M

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3806$ $y=0.3919$ / $u'=0.2193$ $v'=0.5081$
 CCT=4102K (Duv=0.0069) Dominant WL:Ld =575.4nm WL:Lc = --nm Purity=31.8%
 Ratio:R=18.8% G=76.9% B=4.3% Peak WL:Lp=457.5nm FWHM=26.3nm
 Render Index:Ra=91.2

R1 =91 R2 =95 R3 =98 R4 =88 R5 =89 R6 =93 R7 =93
 R8 =84 R9 =60 R10=87 R11=89 R12=64 R13=92 R14=99 R15=87

Photo Parameters:

Flux = 1146 lm Eff. : 114.04 lm/W Fe = 3.839 W

Electrical parameters:

V = 23.999 V I = 0.4187 A P = 10.05 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 100 ms Ip = 1599 (2%)

GBT5702

Model:480D COB 24V 10MM
 Tester:
 Temperature:Deg
 Manufacturer:

Number:4000K
 Date:2024-05-24 20:52:46
 Humidity:%
 Remarks:1M