FLEXIBLE MINI STRIP LIGHTING

SPECIFICATION

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Features:

- High density COB LEDs
- Linear lighting, without light spot, soft and uniform luminance
- High CRI, high brightness and high efficiency
- Must be used with metal profile
- High temperature resistance, long lifespan
- No bracket, better bending performance, seamless butting between two solder point
- Luminous surface width of 4.5±0.3mm

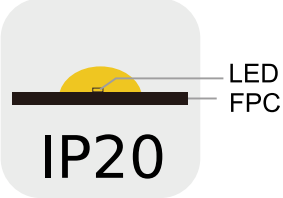
Specification:

All the data are based on IP20, 1 meter

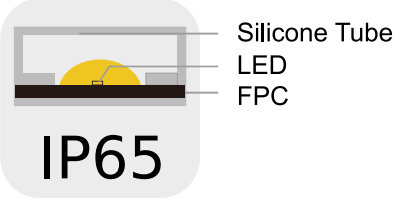
P/N	LED Qty	Width	Voltage	Power	CCT	CRI (±3%)	Luminous Efficacy	Luminous Flux	Beam Angle	PCB Layer	Min. Cutting
HT-CX320-10W-12/24V-8F0	320	8mm	12/24V	10W	2700K	90	85lm/W	850lm	140°	Double PCB	12V: 25mm 24V: 50mm
					3000K	90	90lm/W	900lm			
					4000K	90	100lm/W	1000lm			
					6500K	90	110lm/W	1100lm			
HT-CX512-12W-12/24V-8F0	512	8mm	12/24V	12W	2700K	90	80lm/W	960lm	140°	Double PCB	31.5 mm
					3000K	90	85lm/W	1020lm			
					4000K	90	100lm/W	1200lm			
					6500K	90	110lm/W	1320lm			
HT-CX720-20W-24V-10F0	720	10mm	24V	20W	2700K	90	78lm/W	1560lm	140°	Double PCB	33mm
					3000K	90	80lm/W	1600lm			
					4000K	90	92lm/W	1840lm			
					6500K	90	100lm/W	2000lm			

1. X stand for color, 3000K is WW, 4000K is NW, 6000K is CW.
2. The tolerance of output data can be vary up to ±10%.
3. 720 COB strips must be used with aluminum profile.

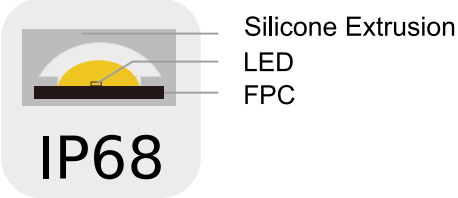
Waterproof Grades Available:



Width: 8/10mm
Height:1.6mm

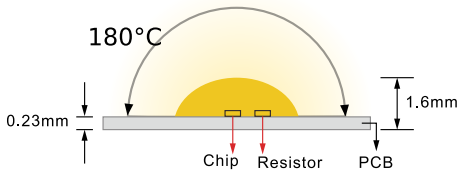


Width: 10mm
Height: 4mm

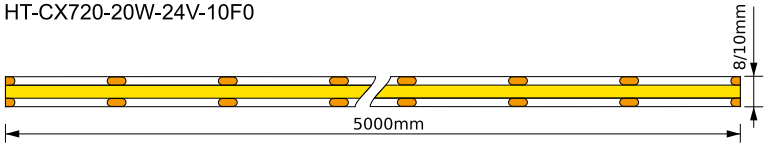


Width: 10mm
Height: 4mm

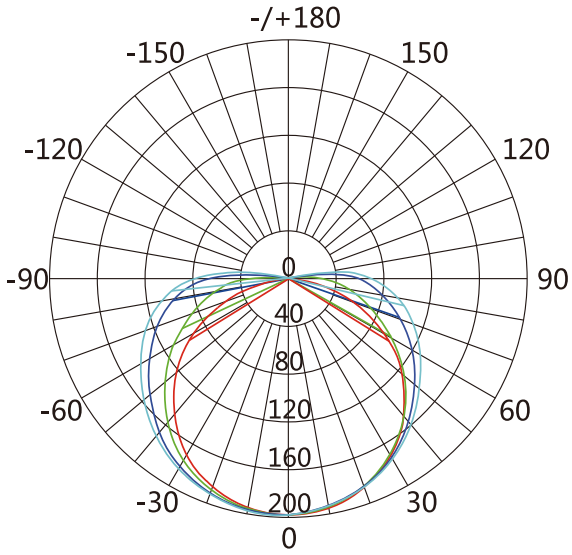
Dimension Drawing:



HT-CX320-10W-12/24V-8F0
HT-CX512-12W-12/24V-8F0
HT-CX720-20W-24V-10F0

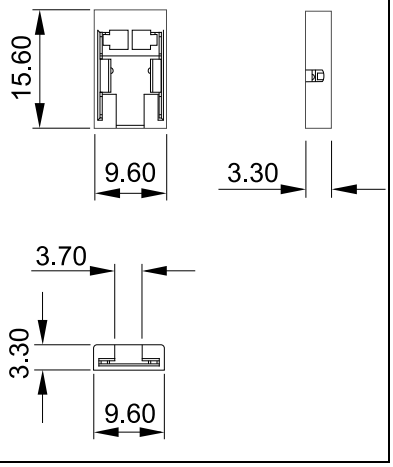


Light Distribution/Iso-illuminance Diagram:



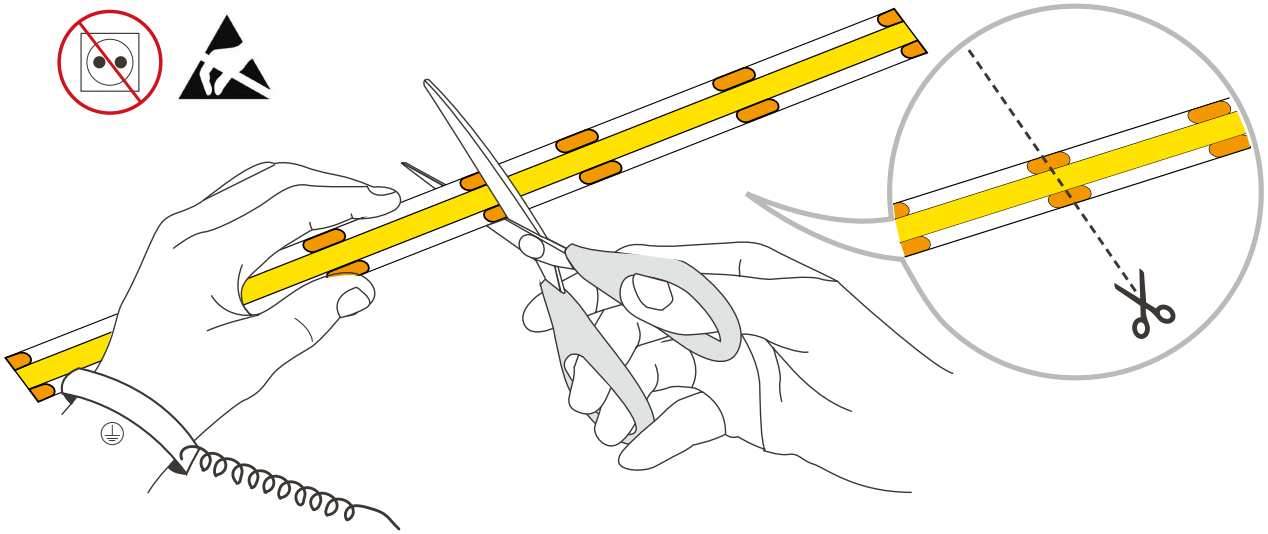
Average Beam Angle (50%): 138°

Accessories Information:

Name	Picture	P/N	Description	Size
Fast Connector		HT-A-SS-2	Current: 5.5A Voltage (III/2): 0-36V Pin: 2 Points Distance: 5.5mm Point Material: Copper	unit: mm 
Fast Connector		HT-A-SW-2		
Fast Connector		HT-A-SCS-2		

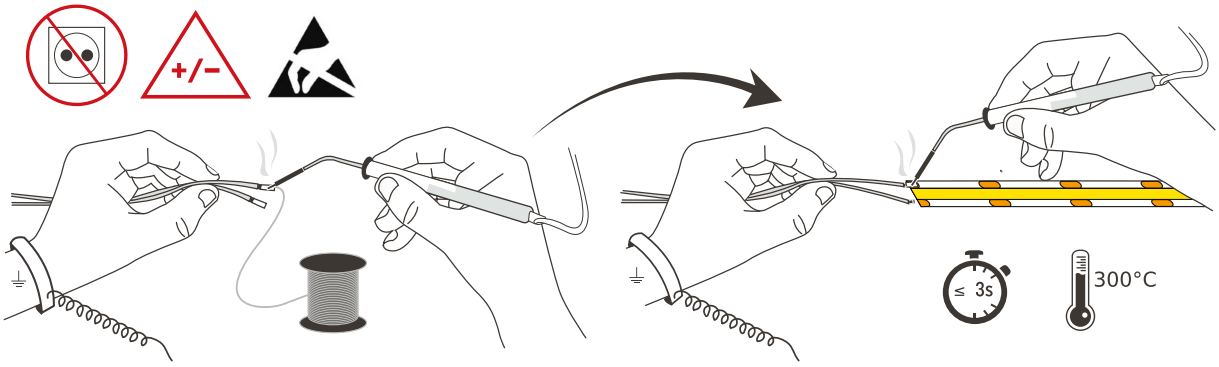
Installation:

Cut at the cutting line for proper length of the strip



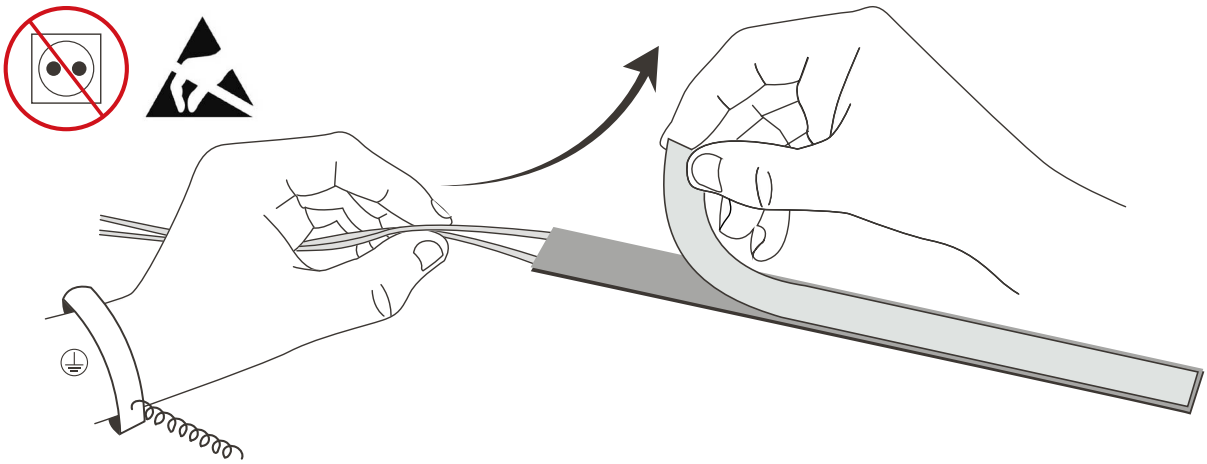
Calculate the needed length and cut off the extra length along cutting mark if necessary; If need to add wires, please weld them at the next location with printed mark.

Wire connection option



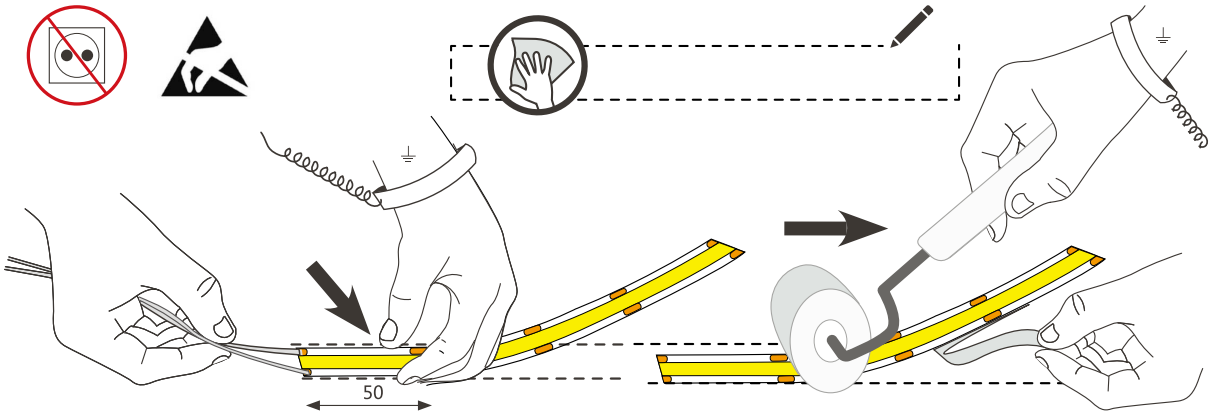
If need to add wires, please weld them at the next location with printed mark.

Liner removing

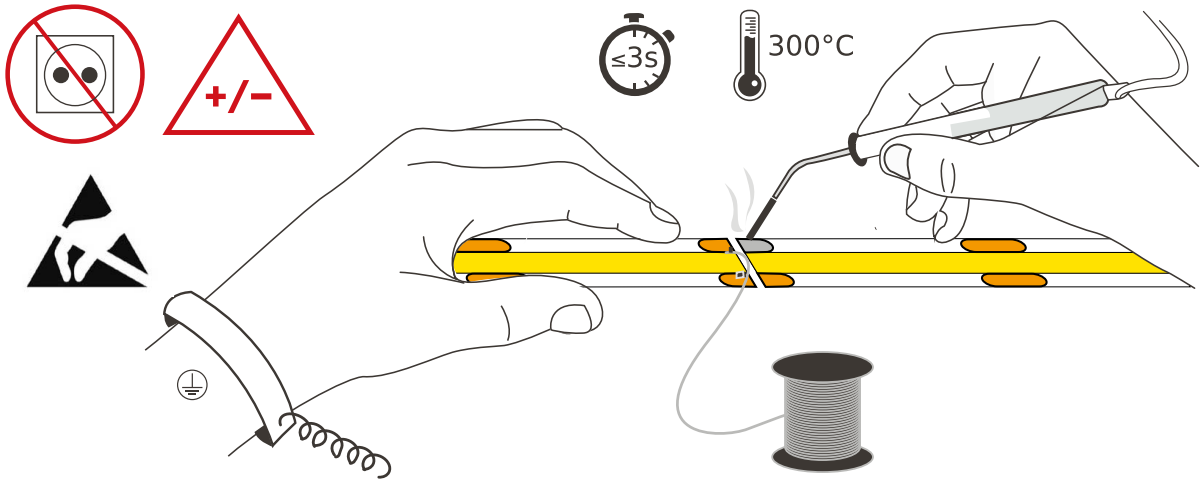


peel off the release paper of the tape step by step. Don't peel off all release paper at one time to avoid getting your strip in a mess.

Installation

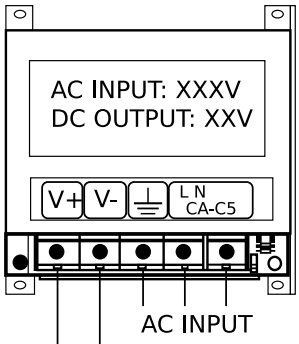


Stick Mylar tape to isolate the cutting position from the object surface, then press the strip which sticking on the surface.



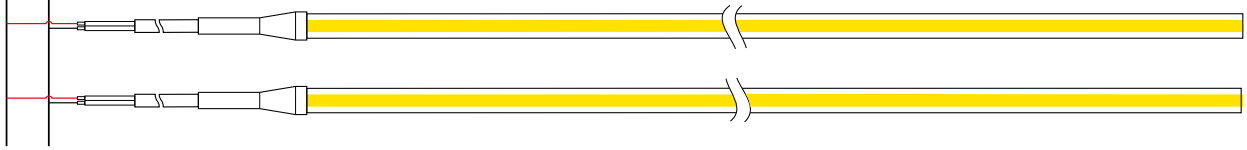
Connect the strip to strip if the length is not enough.

Connect with power supply



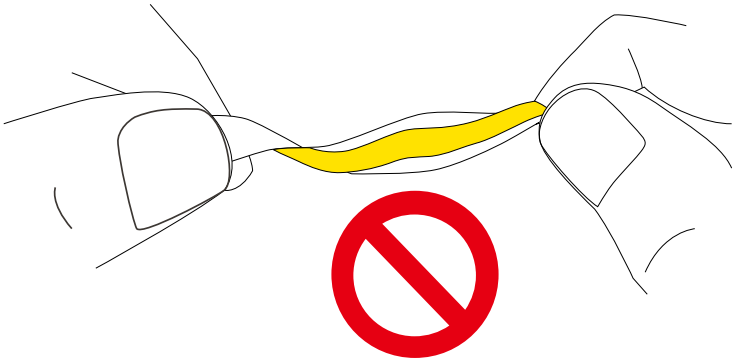
LED Driver

"+": red wire, "-": black wire.

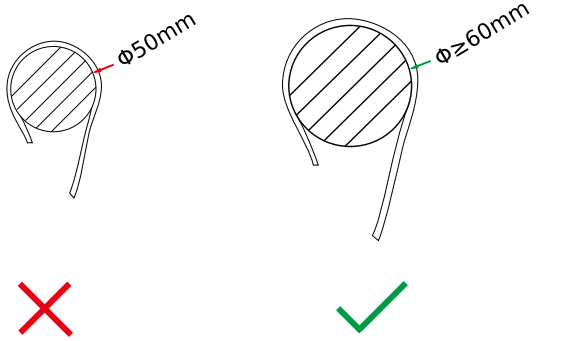


Notes：please make sure the "+" and "-" of the product input correctly connected to those of the power supply output.

Notice:

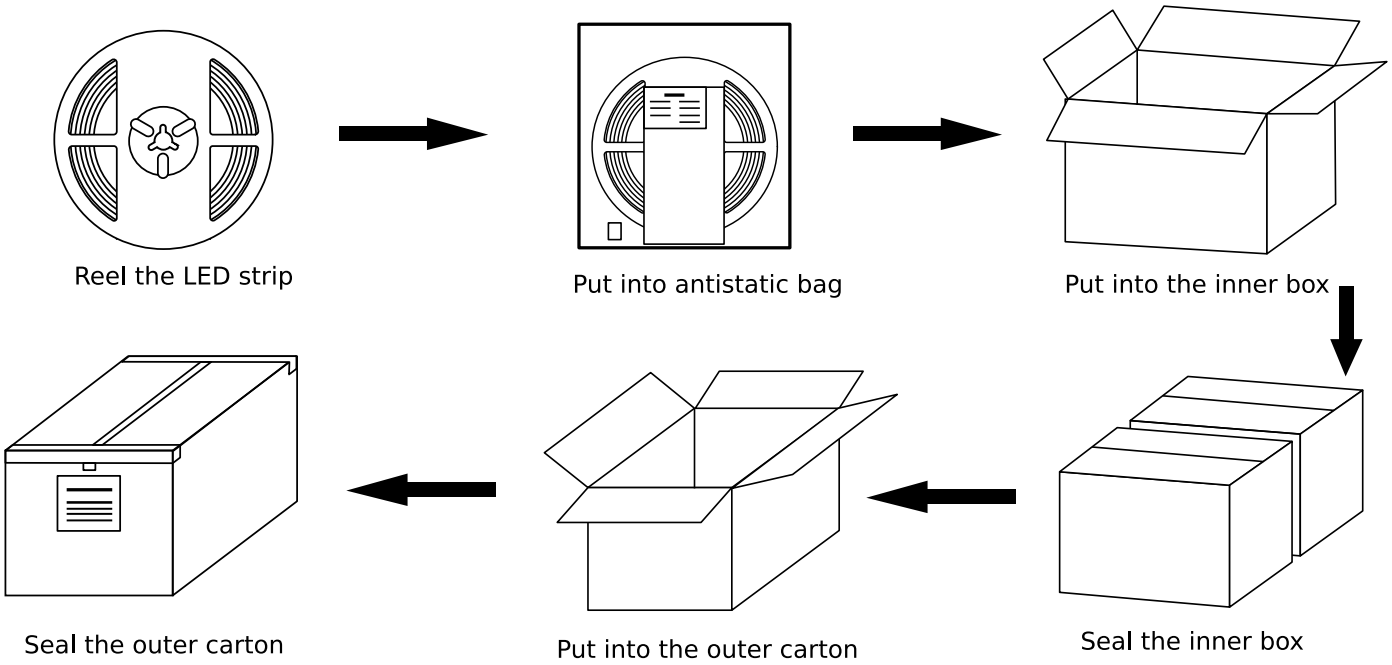


No twisting the strip



No winding an object with a diameter<50mm

Packaging Diagram:



Length: 5m/reel

Declaration:

1. If the external flexible cable of light box is damaged, please replace it by its manufacturer or its service agent or qualified person to avoid a hazard.
2. The given data in this specification is based on our standard product. There may be existed slight difference compared with actual products.
3. Working temperature: -20~40°C 10%~90% R.H., storage temperature: -10~30°C 0%~80% R.H.
4. All illustrations in this specification are for reference only.
5. This product is subject to change or modify without prior notice.

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