



**ATTENTION**  
OBSERVE PRECAUTIONS  
FOR HANDLING  
ELECTROSTATIC  
DISCHARGE  
SENSITIVE  
DEVICES

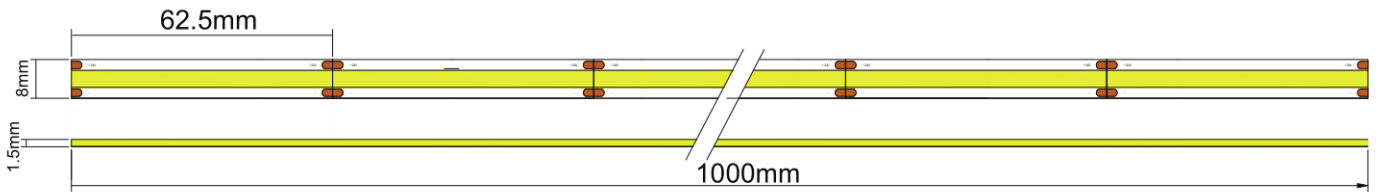
## LLP-COB

### Basic specification:

- 1000MMX8MMX1.5MM (Size of one PCB unit)
- PRINTED CIRCUIT BOARD THICKNESS: 0.25MM
- 512chips /meter
- WORKING VOLTAGE: 24V DC.
- LED VIEW ANGLE(2θ 1/2):120° .
- IP20

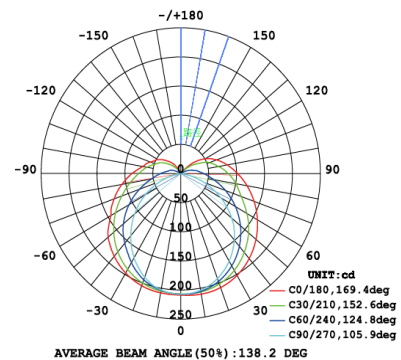
### Dimensions per PCB unit (1m)

Note: all dimension units are millimeters.



Bending method  
Minimum bend diameter 10cm

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## Absolute Maximum Rating at TA=25°C

Parameter (Per meter)	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	450	mA
Power Dissipation	PD	10.8	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-20~+40	°C
Storage Temperature	Tstg	-40~+80	°C
Dominant Wavelength	CCT	2700-6500	K

### Notes:

1. Range of tolerance:  $\pm 10\%$
2. The above is 1.0 meter specification parameter.
3. The above figures for the sample data, only for reference

### Safety instructions

1. The LED strip and it's accessories cannot be squeezed, folded.
2. It cannot damage the circuit board during installation.
3. Make sure it conform with electrical safety standards during the installation, and installation shall be effected by professional electrician.
4. Input terminal need to distinguish positive polarity and negative polarity, before power on make sure no short circuit and wrong connection
5. To connect more strips by parallel connection, a transformer with high wattage and current is needed.
6. When mounted on a metal or a conductor surface, insulation protection is needed
7. Please pay attention to anti-static, when installing and using products, it's not allowed to touch products with sharp stuff or by hands directly without wearing anti-static gloves.
8. Please provide anti-corrosion environment for the LED strip, Keep the surrounding temperature not too high, dry air and adequate ventilation is needed, otherwise it will cause the brightness degradation or damage.
9. Product no UV resistant ability.
10. Avoid direct contact of high-temperature objects to the strip, and the instantaneous contact temperature of the surface of the strip should be less than 210 °C.

**Electrical / Optical Characteristics at TA=25°C**

<b>Item</b>	<b>LLP-COB</b>
<b>Color Temperature</b>	2700K/3000K/4000K/6500K
<b>Luminous Flux/m(lm/m)</b>	2700K:800lm/m 3000K:860lm/m 4000K:970lm/m 6500K:900lm/m
<b>Technology</b>	COB
<b>IP</b>	20
<b>Width</b>	8mm
<b>Nominal Voltage</b>	24V
<b>Current&lt;mA/m&gt;</b>	450mA
<b>Chips/meter</b>	512
<b>RA</b>	≥90
<b>Output in W/m</b>	10.8W/m
<b>Efficiency in lm/W</b>	2700K:75lm/M 3000K:80lm/M 4000K: 90lm/M 6500K: 83lm/M
<b>Cutting distance (mm)</b>	62.5mm
<b>Max. Length</b>	5meters
<b>Beam angle</b>	120°