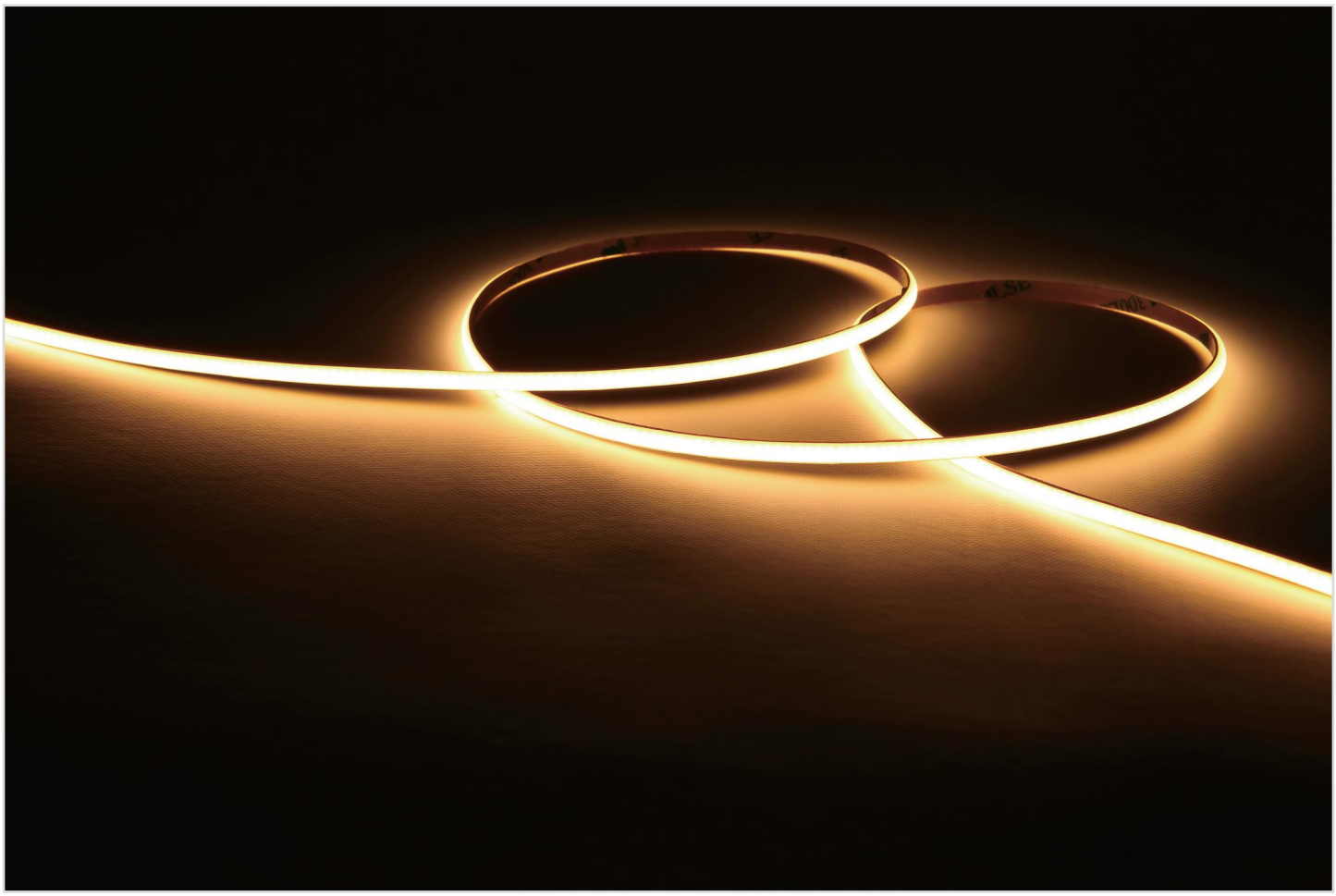
COB Tape Light-4mm

Meet new ErP Regulation



Product Fetures

- High Light efficiency design,meet new ErP regulation
- Dot free and perfectly homogeneous linear LED light line.
- Immersion gold process, anti-oxidation and prevents color drift.
- FPC in special design, protect the chips, strengthen the bending resistance and have a better heat dissipation.
- Larger luminous area of phosphor,better luminous effect
- Ultra slim 4mm FPC,DC24V,5cm cuttable length,5m/pcs,SDCM<3
- 5 years warranty indoor use

Artdeled

Item Code

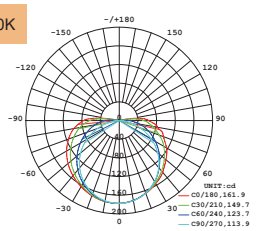
ES	FS	COB	C	24	Y
Company Brand	Product type	LEDs Type	CCT	Voltage Circuit Type	IP Index
Artdeled	Flexible Strip	COB(chips on FPC)	W=2400K W=2700K W=3000K W=3500K N=4000K N=5000K P=6500K	24VDC & Constant Voltage	IP20

Optical parameter

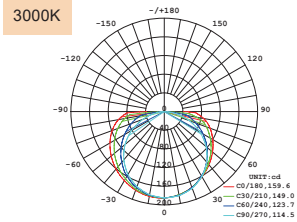
Item	Color / CCT	Lumen/M	Power/M	Lumen/0.5M	Power/0.5M	Light efficiency	Energy efficiency class	CRI Ra	Color tolerance
ES-FSCOBW-24-Y (4mm)	2400K	628LM	<8W	314LM	<4W	79LM/W	G	90+	SDCM<3
ES-FSCOBW-24-Y (4mm)	2700K	672LM	<8W	336LM	<4W	84LM/W	G	90+	SDCM<3
ES-FSCOBW-24-Y (4mm)	3000K	700LM	<8W	350LM	<4W	88LM/W	G	90+	SDCM<3
ES-FSCOBW-24-Y (4mm)	3500K	776LM	<8W	388LM	<4W	97LM/W	F	90+	SDCM<3
ES-FSCOBN-24-Y (4mm)	4000K	776LM	<8W	388LM	<4W	97LM/W	F	90+	SDCM<3
ES-FSCOBN-24-Y (4mm)	5000K	800LM	<8W	400LM	<4W	100LM/W	F	90+	SDCM<3
ES-FSCOBP-24-Y (4mm)	6500K	800LM	<8W	400LM	<4W	100LM/W	F	90+	SDCM<3

Luminous intensity distribution diagram

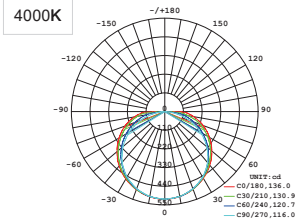
2700K



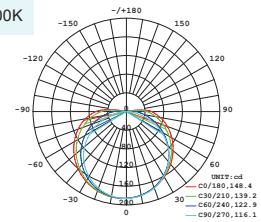
3000K

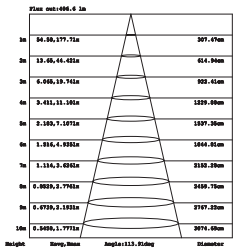


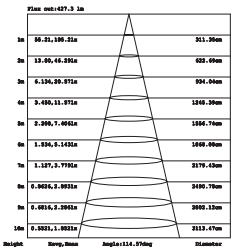
4000K

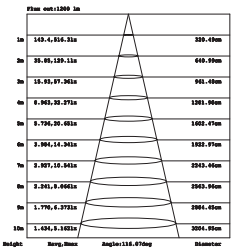


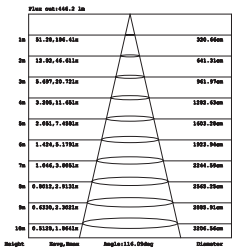
6500K





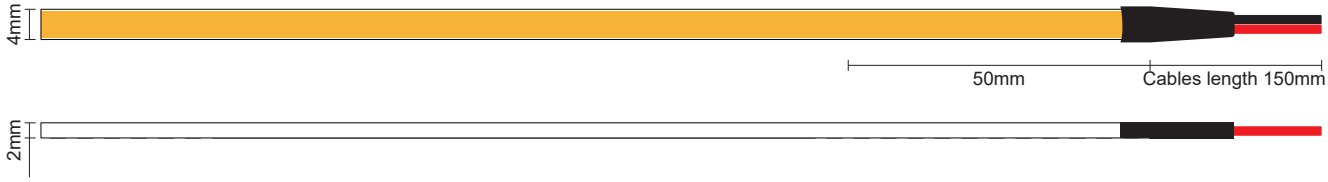






Dimension

FPC copper:3OZ



Fast connectors

Splice connector
5mm 2PIN

Connector with cables
5mm 2PIN

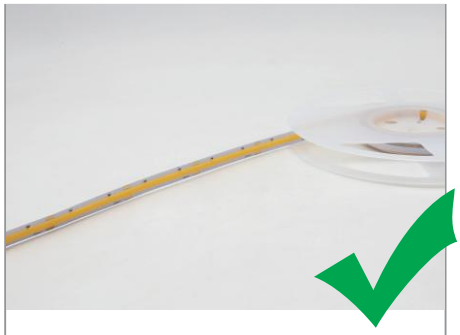
Jumper connector
5mm 2PIN

Attention:Scrape off 2mm of phosphor at the top end of the COB LED tape light,then connect and press the connector

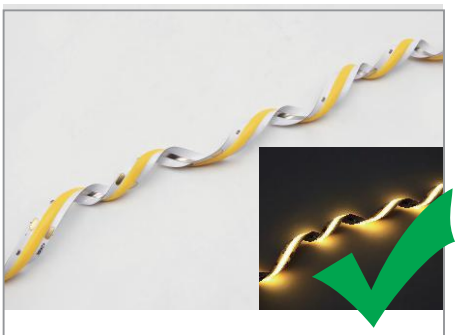
Packaging

Aluminium foil bag	IP Index	Length per pcs	Qty.(pcs)/Carton	Qty.(m)/Carton	Carton dimension
215x245mm	IP20	5m/pcs	50pcs	250M	700×270×270mm
215x245mm	IP20	5m/pcs	60pcs	300M	395×395×240mm

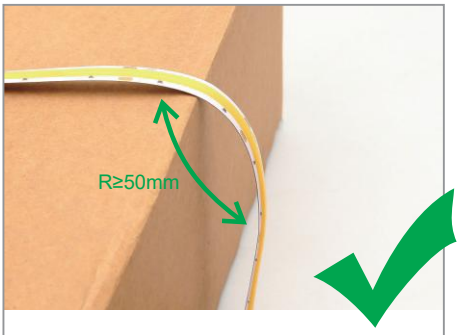
Cautions:



Straighten the COB tape light vertically during normal service.

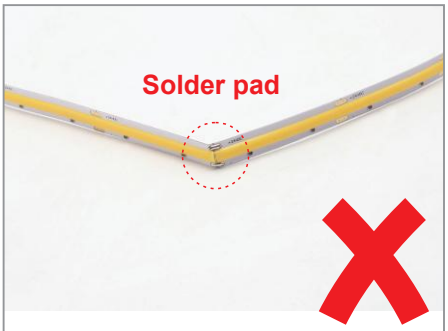


Radian of torsion ≥20MM,
Angle of torsion:1080°



During normal service, once need a turning, must hold the curve of COB tape light with its front side up and back side down. (Attention: keep the curved radian ≥50mm)

Once need a turning,couldn't curved of 90 degree.



Do not bend at the solder pad.

The COB tape light can not be removed all from the reel, then install from the front end.

- Do not connect the low voltage LED strip 12V or 24V directly to 220V.In this case, the LEDs will be instantly destroyed!
- If LED strip with cables on both sides, please attention: when connect one side to the driver,make sure the other side cables(nagative and positive)stay disconnected.Otherwise,the LED strip will be in short circuit and increase risk of damaging the strip light.
- LED strip is electrostatic and sensitive device,please wear the anti-static wrist strap or the anti-static glove when touch or use it.