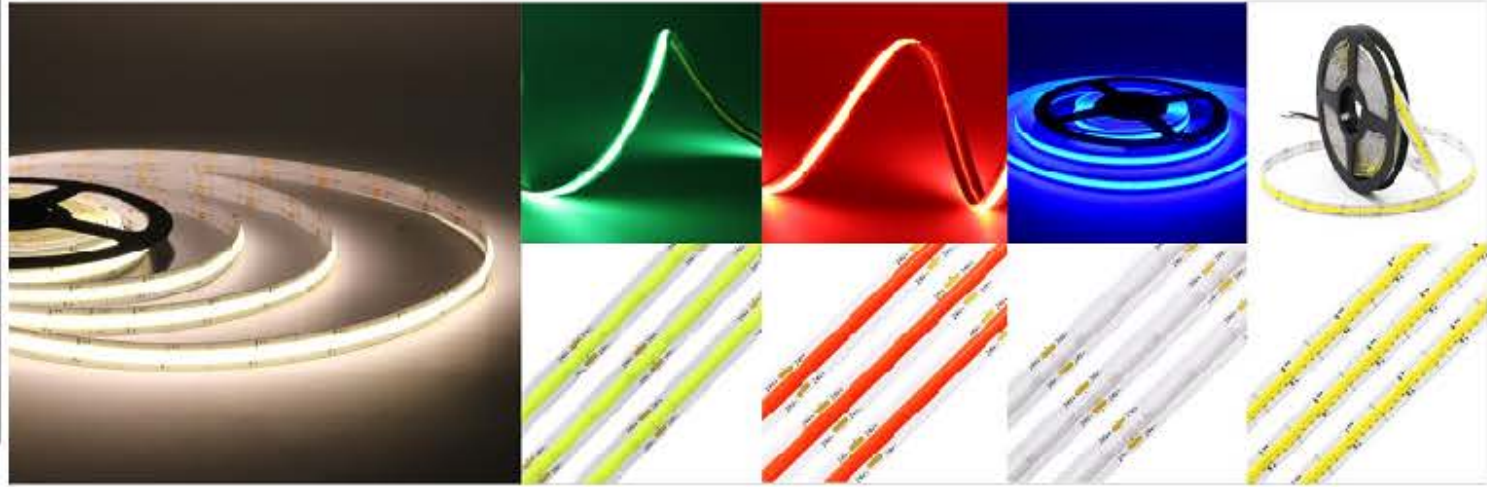


# FCOB STRIP LIGHT

## 无光斑线性灯带



### 产品目录



◆ 378LED/M	Color>	Voltage: 12V \ 24V	PCB Width: 6/8/10mm
◆ 360LED/M	Color>	Voltage: 5V \ 12V \ 24V	PCB Width: 6/8/10mm
◆ 480LED/M	Color>	Voltage: 12V \ 24V	PCB Width: 6/8/10mm
◆ 504LED/M	Color>	Voltage: 12V \ 24V	PCB Width: 8/10mm
◆ 640LED/M	Color>	Voltage: 12V \ 24V	PCB Width: 10mm
◆ 576/640LED/M (双色 Dual Color)	Color>	Voltage: 12V \ 24V	PCB Width: 10mm
◆ 840LED/M (360°)	Color>	Voltage: 24V	PCB Width: 10mm
◆ 630LED/M (RGB)	Color>	Voltage: 12V \ 24V	PCB Width: 10/12mm
◆ 360/480LED/M (恒流 Constant current)	Color>	Voltage: 12V \ 24V	PCB Width: 8/10mm
◆ 420LED/M (高压 High voltage)	Color>	Voltage: 220V	Width: 10mm

Shenzhen Rose Lighting Technology Co.,Ltd  
 Web: <https://www.rose-lighting.com>  
 T: +86-186-7564-9004 (wechat ,whatsapp ,QQ)  
 E: [info@rose-lighting.com](mailto:info@rose-lighting.com)





**In 2017,**  
In May, FCOB- 640LED/M led strip sold to oversea customers as trial order;

**In 2018,**  
Mass production-- Invested 10 production lines for FCOB LED strip; newly added 378 LED/M and 504LED/M;

**In 2019,**  
Developed FCOB-360LED/M and 480led/m, with cutting lengths: 12V=25mm, 24V=50mm;  
In August, CCT turnable 576 LED/M- dual color temperature 2700+6500K;

**In 2020,**  
Full series of FCOB products, including FCOB-RGB, FCOB-constant current, FCOB-high voltage, etc.  
WEERSOM constantly improve and innovate to create more value for our customers!



**IP Rating** 防水等级

- IP 20 裸板 non-waterproof
- IP 67 硅胶套管 silicon tube
- IP 67 硅胶挤出 waterproof (extrusion type)
- IP 67 硅胶挤出 waterproof (extrusion type)

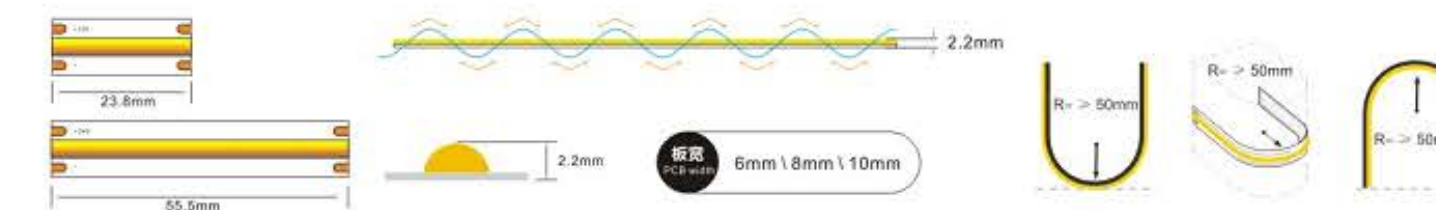
Beam angle 180° 发光角度

Colors 发光颜色

- 2700K
- 3000K
- 4000K
- 6000K
- Red 红光
- Green 绿光
- Blue 蓝光

DC 12V, DC 24V, CE, LM-80, 180°, 3 Years, RoHS, TÜV

**Dimensions 产品尺寸**



**Parameters 产品参数**

Model No.	6mm	8mm	10mm
LED Qty./M 灯珠数量	378LED/M	378LED/M	378LED/M
Voltage(V) 电压	12V / 24V	12V / 24V	12V / 24V
Power/M 功率	12V=6W 24V=8W	12V=8W 24V=10W	12V=10W 24V=14W
PCB width 线路板宽	6mm	8mm	10mm
CRI 显色指数	RA>90	RA>90	RA>90
LM/W 光效	85-115	85-115	85-115
LM/M 亮度	500~700	700~950	950~1350
Color 发光颜色	NW/WW/CN/W/R/G/B	NW/WW/CN/W/R/G/B	NW/WW/CN/W/R/G/B
Beam angle 发光角度	180°	180°	180°
IP Rate 防水等级	IP20	IP 20 / IP 67	IP 20 / IP 67
Packing 包装长度	5m/Roll	5m/Roll	5m/Roll
Cut length 剪切长度	12V=23.8mm 24V=55.5mm	12V=23.8mm 24V=55.5mm	12V=23.8mm 24V=55.5mm

**产品光效 Light efficiency**

FCOB光效	LM/W	
CCT	Ra>80	Ra>90
2700K	≥85LM/W	≥75LM/W
3000K	≥90LM/W	≥80LM/W
4000K	≥95LM/W	≥90LM/W
6000K	≥100LM/W	≥95LM/W

备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
Remarks:  
CCT,PCB width and LED QTY can be customized.

10 years experience LED manufacturer

### 360 LED/M FCOB STRIP LIGHT

6/8/10mm / DC-5/12/24V



**IP Rating** 防水等级

- IP 20 裸板 non-waterproof
- IP 67 硅胶套管 silicon tube
- IP 67 硅胶挤出 waterproof (extrusion type)
- IP 67 硅胶挤出 waterproof (extrusion type)

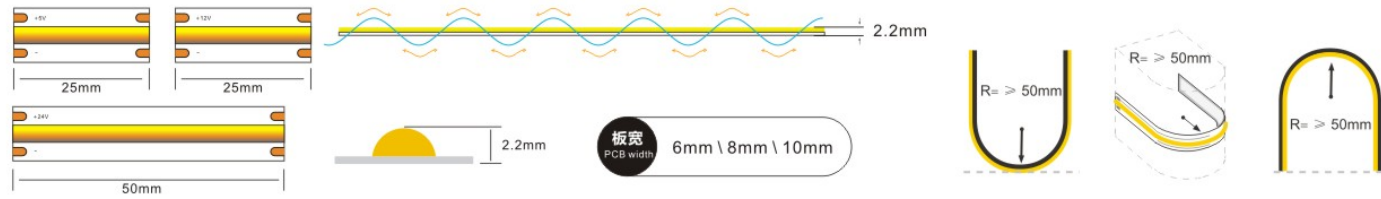
Beam angle 180° 发光角度

Colors 发光颜色

- 2700K
- 3000K
- 4000K
- 6000K
- Red 红
- Green 绿
- Blue 蓝

DC 5V, DC 12V, DC 24V, CE, LM-80, 180°, 3 Years, Dimmable, RoHS, TÜV

#### Dimensions 产品尺寸



#### Parameters 产品参数

Model No.	6mm	8mm	10mm
LED Qty./M 灯珠数量	360LED/M	360LED/M	360LED/M
Voltage(V) 电压	12V / 24V	12V / 24V	5V / 12V / 24V
Power/M 功率	5V=4W 12V=6W 24V=8W	5V=6W 12V=8W 24V=10W	5V=10W 12V=10W 24V=14W
PCB width 线路板宽	6mm	8mm	10mm
CRI 显色指数	RA>90	RA>90	RA>90
LM/W 光效	85~115	85~115	85~115
LM/M 亮度	500~700	700~950	950~1300
Color 发光颜色	NW/WW/CN/W/R/G/B	NW/WW/CN/W/R/G/B	NW/WW/CN/W/R/G/B
Beam angle 发光角度	180°	180°	180°
IP Rate 防水等级	IP20	IP 20 / IP 67	IP 20 / IP 67
Packing 包装长度	5m/Roll	5m/Roll	5m/Roll
Cut length 剪切长度	5V=25mm 12V=25mm 24V=50mm	5V=25mm 12V=25mm 24V=50mm	5V=25mm 12V=25mm 24V=50mm

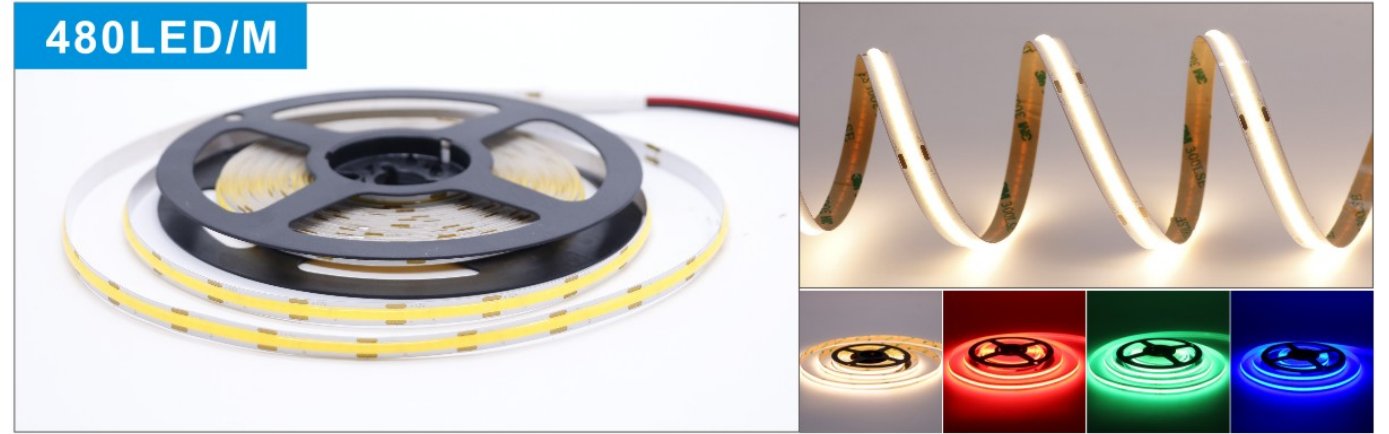
备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
Remarks:  
CCT,PCB width and LED QTY can be customized.

#### 产品光效 Light efficiency

FCOB光效	LM/W	
CCT	Ra>80	Ra>90
2700K	≥85LM/W	≥75LM/W
3000K	≥90LM/W	≥80LM/W
4000K	≥95LM/W	≥90LM/W
6000K	≥100LM/W	≥95LM/W

### 480 LED/M FCOB STRIP LIGHT

6/8/10mm / DC-12/24V



**IP Rating** 防水等级

- IP 20 裸板 non-waterproof
- IP 67 硅胶套管 silicon tube
- IP 67 硅胶挤出 waterproof (extrusion type)
- IP 67 硅胶挤出 waterproof (extrusion type)

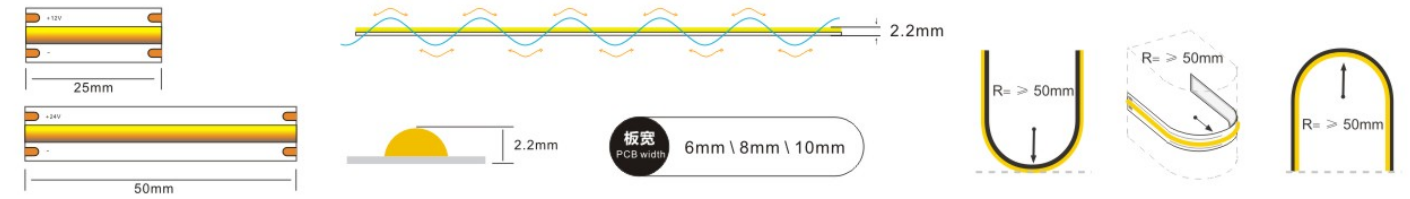
Beam angle 180° 发光角度

Colors 发光颜色

- 2700K
- 3000K
- 4000K
- 6000K
- Red 红
- Green 绿
- Blue 蓝

DC 12V, DC 24V, CE, LM-80, 180°, 3 Years, Dimmable, RoHS, TÜV

#### Dimensions 产品尺寸



#### Parameters 产品参数

Model No.	6mm	8mm	10mm
LED Qty./M 灯珠数量	480LED/M	480LED/M	480LED/M
Voltage(V) 电压	12V / 24V	12V / 24V	12V / 24V
Power/M 功率	12V=6W 24V=8W	12V=8W 24V=10W	12V=10W 24V=14W
PCB width 线路板宽	6mm	8mm	10mm
CRI 显色指数	RA>90	RA>90	RA>90
LM/W 光效	85~115	85~115	85~115
LM/M 亮度	500~750	750~1000	1000~1350
Color 发光颜色	NW/WW/CN/W/R/G/B	NW/WW/CN/W/R/G/B	NW/WW/CN/W/R/G/B
Beam angle 发光角度	180°	180°	180°
IP Rate 防水等级	IP20	IP 20 / IP 67	IP 20 / IP 67
Packing 包装长度	5m/Roll	5m/Roll	5m/Roll
Cut length 剪切长度	12V=25mm 24V=50mm	12V=25mm 24V=50mm	12V=25mm 24V=50mm

备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
Remarks:  
CCT,PCB width and LED QTY can be customized.

#### 产品光效 Light efficiency

FCOB光效	LM/W	
CCT	Ra>80	Ra>90
2700K	≥85LM/W	≥75LM/W
3000K	≥90LM/W	≥80LM/W
4000K	≥95LM/W	≥90LM/W
6000K	≥100LM/W	≥95LM/W

10 years experience LED manufacturer

## 504 FCOB STRIP LIGHT

LED/M 8/10mm / DC-12/24V



**IP Rating** 防水等级

- IP 20 裸板 non-waterproof
- IP 67 硅胶套管 silicon tube
- IP 67 硅胶挤出 waterproof (extrusion type)
- IP 67 硅胶挤出 waterproof (extrusion type)

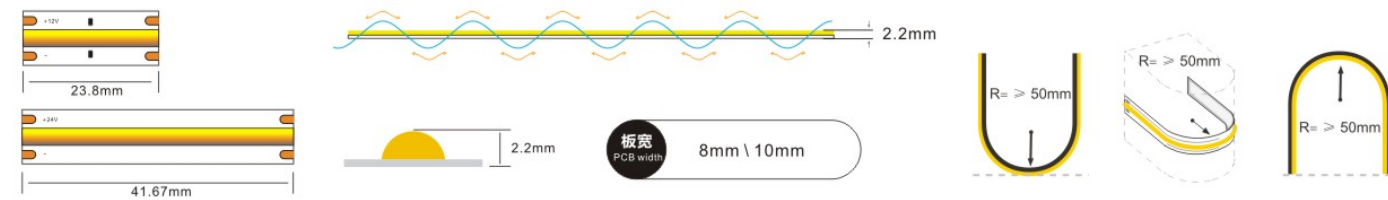
Beam angle 180° 发光角度

Colors 发光颜色

- 2700K
- 3000K
- 4000K
- 6000K
- Red 红
- Green 绿
- Blue 蓝

DC 12V DC 24V CE LM-80 180° 3 Years Dimmable RoHS TÜV

### Dimensions 产品尺寸



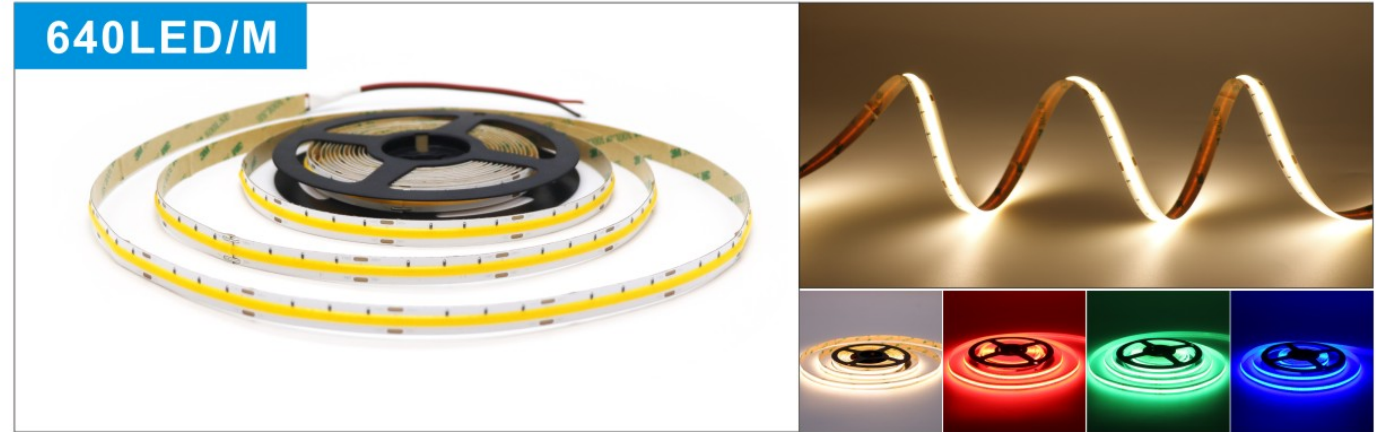
### Parameters 产品参数

Model No.	8mm	10mm
LED Qty./M 灯珠数量	504LED/M	504LED/M
Voltage(V) 电压	12V / 24V	12V / 24V
Power/M 功率	12V=8W 24V=10W	12V=12W 24V=14W
PCB width 线路板宽	8mm	10mm
CRI 显色指数	RA>90	RA>90
LM/W 光效	85~115	85~115
LM/M 亮度	750~1000	1000~1350
Color 发光颜色	NW/WW/CN/W/R/G/B	NW/WW/CN/W/R/G/B
Beam angle 发光角度	180°	180°
IP Rate 防水等级	IP 20 / IP 67	IP 20 / IP 67
Packing 包装长度	5m/Roll	5m/Roll
Cut length 剪切长度	12V=23.8mm 24V=41.67mm	12V=23.8mm 24V=41.67mm

备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
Remarks:  
CCT,PCB width and LED QTY can be customized.

## 640 FCOB STRIP LIGHT

LED/M 10mm / DC-12/24V



**IP Rating** 防水等级

- IP 20 裸板 non-waterproof
- IP 67 硅胶套管 silicon tube
- IP 67 硅胶挤出 waterproof (extrusion type)
- IP 67 硅胶挤出 waterproof (extrusion type)

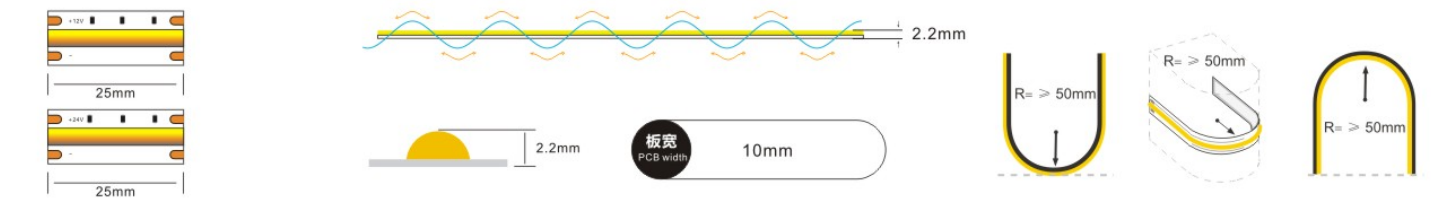
Beam angle 180° 发光角度

Colors 发光颜色

- 2700K
- 3000K
- 4000K
- 6000K
- Red 红
- Green 绿
- Blue 蓝

DC 12V DC 24V CE LM-80 180° 3 Years Dimmable RoHS TÜV

### Dimensions 产品尺寸



### Parameters 产品参数

Model No.	10mm
LED Qty./M 灯珠数量	640LED/M
Voltage(V) 电压	12V / 24V
Power/M 功率	12V=10W 24V=14W
PCB width 线路板宽	10mm
CRI 显色指数	RA>90
LM/W 光效	85~115
LM/M 亮度	1150~1400
Color 发光颜色	NW/WW/CN/W/R/G/B
Beam angle 发光角度	180°
IP Rate 防水等级	IP 20 / IP 67
Packing 包装长度	5m/Roll
Cut length 剪切长度	12V=25mm 24V=25mm

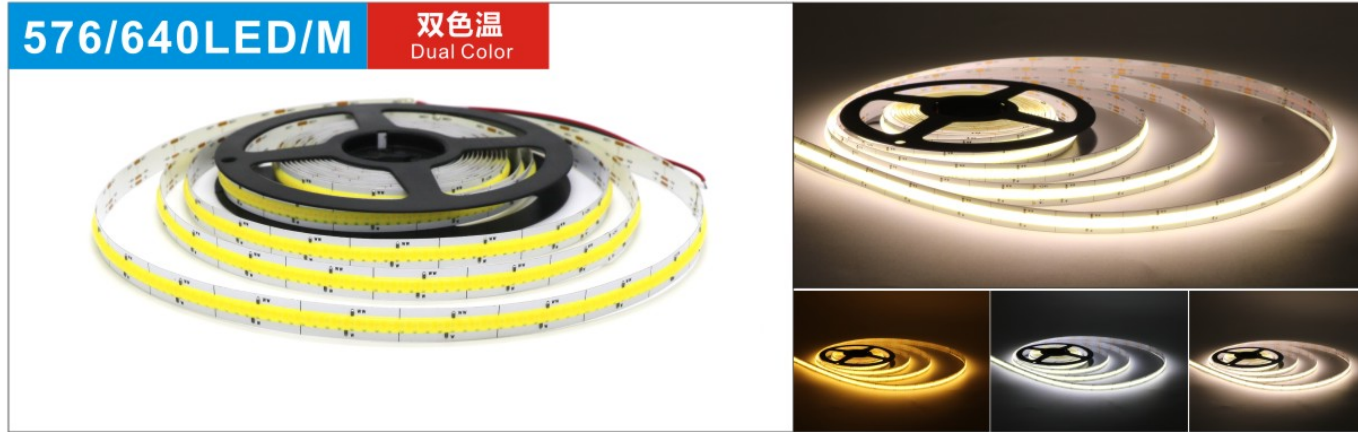
备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
Remarks:  
CCT,PCB width and LED QTY can be customized.

### 产品光效 Light efficiency

FCOB光效	LM/W	
CCT	Ra>80	Ra>90
2700K	≥85LM/W	≥75LM/W
3000K	≥90LM/W	≥80LM/W
4000K	≥95LM/W	≥90LM/W
6000K	≥100LM/W	≥95LM/W

10 years experience LED manufacturer

**576** **FCOB STRIP LIGHT**  
**640** 双色温 / 10mm / DC-12V/24V  
 LED/M



**576/640LED/M 双色温 Dual Color**

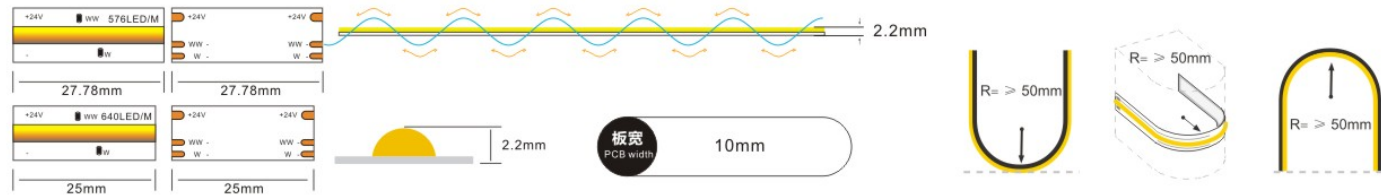
**IP Rating 防水等级**  
 IP 20 裸板 non-waterproof  
 IP 67 硅胶套管 silicon tube  
 IP 67 硅胶挤出 waterproof (extrusion type)  
 IP 67 硅胶挤出 waterproof (extrusion type)

**Beam angle 180° 发光角度**

**Colors 发光颜色**  
 2700K + 6500K  
 1800K + 6500K

DC 12V DC 24V CE LM-80 180° 3 Years Dimmable RoHS TUV

**Dimensions 产品尺寸**



**Parameters 产品参数**

Model No.	576LED/M	640LED/M
LED Qty./M 灯珠数量	576LED/M	640LED/M
Voltage(V) 电压	12V/24V	12V/24V
Power/M 功率	12V/24V=10-24W	12V/24V=10-24W
PCB width 线路板宽	10mm	10mm
CRI 显色指数	RA>80	RA>80
LM/W 光效	105-130	105-130
LM/M 亮度	1400~2800	1400~2800
Color 发光颜色	1800+6500K / 2700+6500K	1800+6500K / 2700+6500K
Beam angle 发光角度	180°	180°
IP Rate 防水等级	IP 20 / IP 67	IP 20 / IP 67
Packing 包装长度	5m/Roll	5m/Roll
Cut length 剪切长度	12V=31.25mm 24V=27.78mm	12V=25mm 24V=25mm

备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
**Remarks:**  
 CCT,PCB width and LED QTY can be customized.

**产品光效 Light efficiency**

FCOB光效	LM/W	
CCT	Ra80	Ra90
1800K	100-120LM/W	-
2700K	100-120LM/W	-
6500K	115-135LM/W	-
Mixed White	105-125LM/W	-

**840** **FCOB STRIP LIGHT**  
 LED/M 360° 发光 / 10mm / DC-24V



**840LED/M 360°发光 360°**

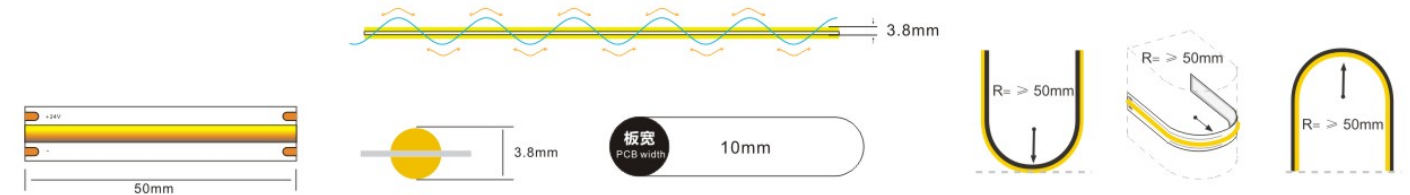
**IP Rating 防水等级**  
 IP 20 裸板

**Beam angle 360° 发光角度**

**Colors 发光颜色**  
 2700K 3000K 4000K 6000K  
 Red 红 Green 绿 Blue 蓝

DC 24V CE LM-80 360° 3 Years Dimmable RoHS TUV

**Dimensions 产品尺寸**



**Parameters 产品参数**

Model No.	10mm
LED Qty./M 灯珠数量	840LED/M
Voltage(V) 电压	24V
Power/M 功率	24V=10W
PCB width 线路板宽	10mm
CRI 显色指数	RA>90
LM/W 光效	85-115
LM/M 亮度	1100~1500
Color 发光颜色	NW/WW/CN/W/R/G/B
Beam angle 发光角度	180°
IP Rate 防水等级	IP 20
Packing 包装长度	5m/Roll
Cut length 剪切长度	24V=50mm

备注:可定制产品颜色,线路板宽度,及灯珠数量的定制;  
**Remarks:**  
 CCT,PCB width and LED QTY can be customized.

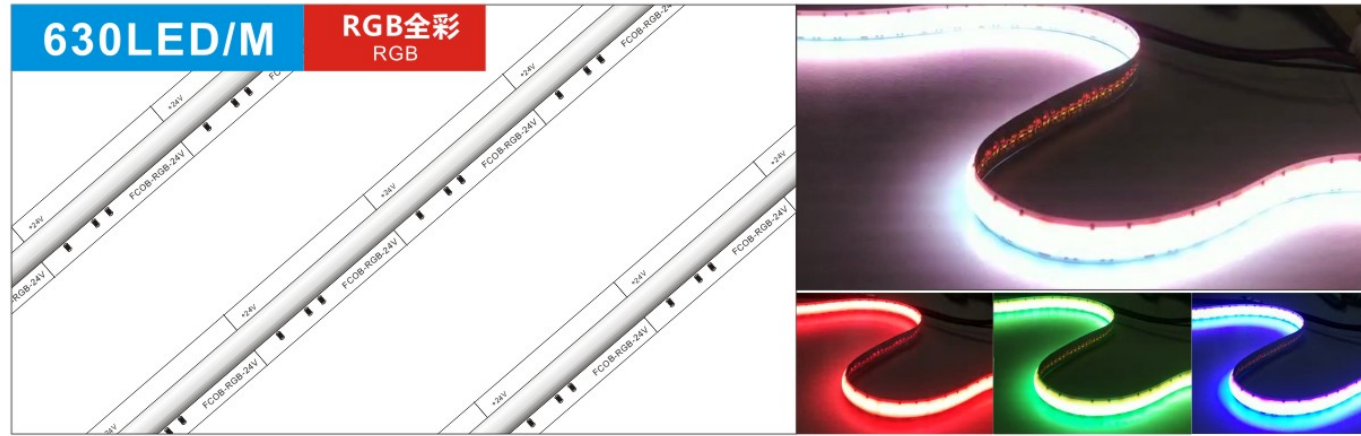
**产品光效 Light efficiency**

FCOB光效	LM/W	
CCT	Ra>80	Ra>90
2700K	≥100LM/W	≥90LM/W
3000K	≥105LM/W	≥100LM/W
4000K	≥115LM/W	≥105LM/W
6000K	≥120LM/W	≥110LM/W

10 years experience LED manufacturer

## 630 LED/M FCOB STRIP LIGHT

RGB / 10/12mm / DC-12/24V



**IP Rating** 防水等级

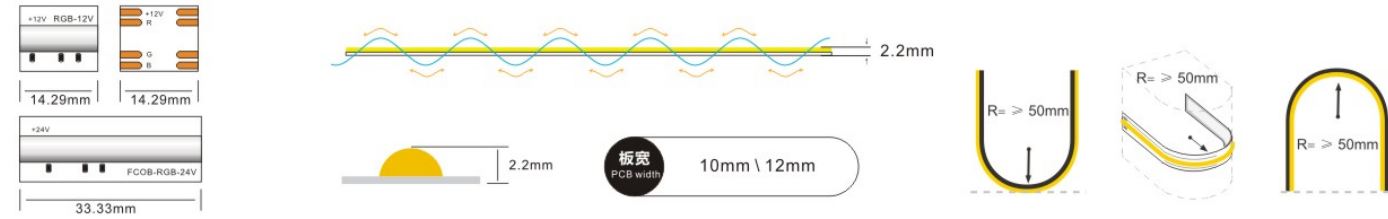
- IP 20 裸板 non-waterproof
- IP 67 硅胶套管 silicon tube
- IP 67 硅胶挤出 waterproof (extrusion type)
- IP 67 硅胶挤出 waterproof (extrusion type)

Beam angle 180° 发光角度

Colors 发光颜色: R, G, B

DC 12V, DC 24V, CE, LM-80, 180°, 3 Years, Dimmable, RoHS, TÜV

### Dimensions 产品尺寸



### Parameters 产品参数

Model No.	10mm	12mm
LED Qty./M 灯珠数量	630LED/M	630LED/M
Voltage(V) 电压	12V / 24V	12V / 24V
Power/M 功率	12V=16W 24V=16~18W	12V=18W 24V=18~20W
PCB width 线路板宽	10mm	12mm
Working Current (A) 工作电流	0.67	0.75
Life Time 使用寿命	>50000H	>50000H
MCD 亮度	2500~2800MCD	2500~2800MCD
Color 发光颜色	RGB	RGB
Beam angle 发光角度	180°	180°
IP Rate 防水等级	IP 20 / IP 67	IP 20 / IP 67
Packing 包装长度	5m/Roll	5m/Roll
Cut length 剪切长度	12V=14.29mm 24V=33.33mm	12V=14.29mm 24V=33.33mm

### 产品波段 Wave band

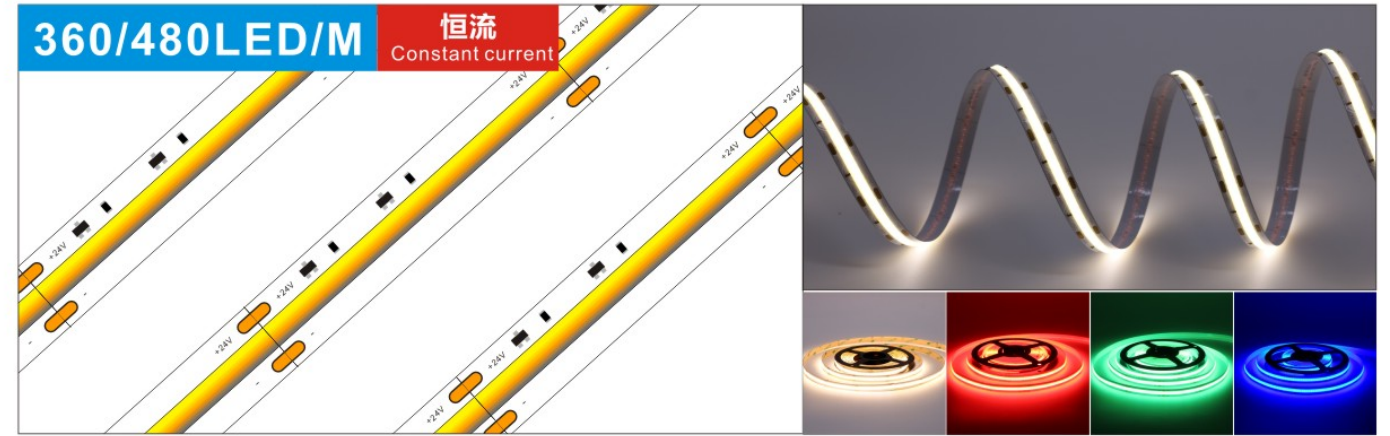
#### FCOB-RGB 波段 Wave band

Color	nm	mcd
R	620±5	900
G	525±5	1300
B	470±5	450
W	-	2800

备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
Remarks:  
CCT,PCB width and LED QTY can be customized.

## 360/480 LED/M FCOB STRIP LIGHT

恒流 / 8/10mm / DC-12V/24V



**IP Rating** 防水等级

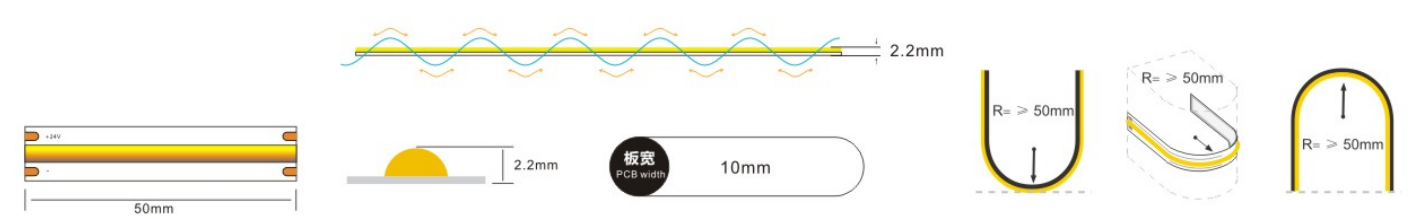
- IP 20 裸板 non-waterproof
- IP 67 硅胶套管 silicon tube
- IP 67 硅胶挤出 waterproof (extrusion type)
- IP 67 硅胶挤出 waterproof (extrusion type)

Beam angle 360° 发光角度

Colors 发光颜色: 2700K, 3000K, 4000K, 6000K, Red 红, Green 绿, Blue 蓝

DC 24V, CE, LM-80, 360°, 3 Years, Dimmable, RoHS, TÜV

### Dimensions 产品尺寸



### Parameters 产品参数

Model No.	8mm	10mm
LED Qty./M 灯珠数量	360/480LED/M	360/480LED/M
Voltage(V) 电压	12V / 24V	12V / 24V
Power/M 功率	12V=10W 24V=14W	12V=10W 24V=14W
PCB width 线路板宽	10mm	10mm
CRI 显色指数	RA>90	RA>90
LM/W 光效	85~115	85~115
LM/M 亮度	900~1300	900~1300
Color 发光颜色	NW/WW/CN/W/R/G/B	NW/WW/CN/W/R/G/B
Beam angle 发光角度	180°	180°
IP Rate 防水等级	IP 20	IP 20
Packing 包装长度	5m/Roll	5m/Roll
Cut length 剪切长度	12V=25mm 24V=50mm	12V=25mm 24V=50mm

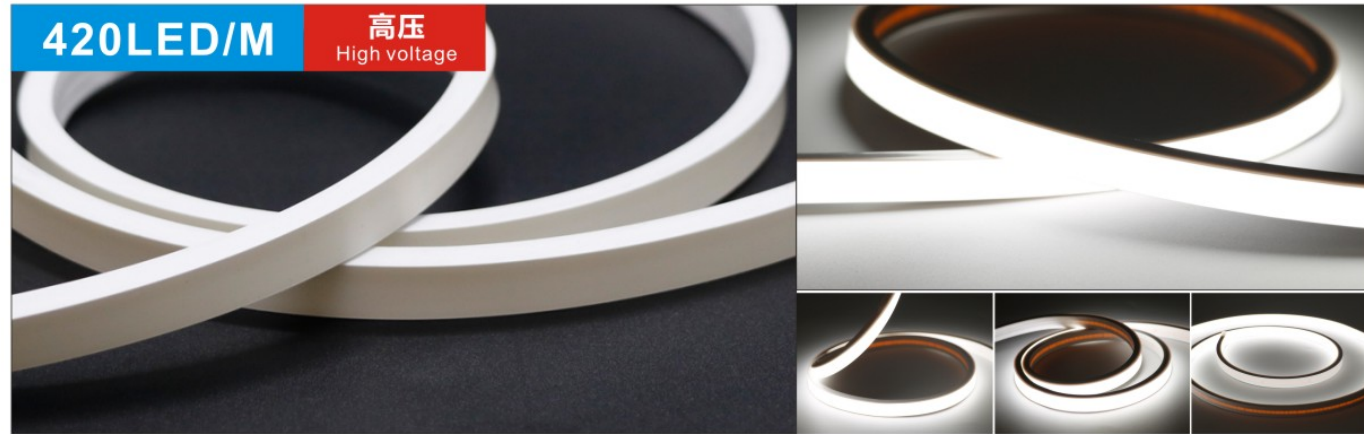
备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
Remarks:  
CCT,PCB width and LED QTY can be customized.

### 产品光效 Light efficiency

FCOB光效	LM/W	
	CCT	Ra>80 Ra>90
2700K	≥85LM/W	≥75LM/W
3000K	≥90LM/W	≥80LM/W
4000K	≥95LM/W	≥90LM/W
6000K	≥100LM/W	≥95LM/W

10 years experience LED manufacturer

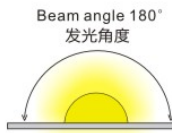
**420 LED/M** **FCOB STRIP LIGHT**  
高压 / 10mm / DC-220V



**IP Rating** 防水等级

- IP 20 裸板 non-waterproof
- IP 67 硅胶套管 silicon tube
- IP 67 硅胶挤出 waterproof (extrusion type)
- IP 67 硅胶挤出 waterproof (extrusion type)

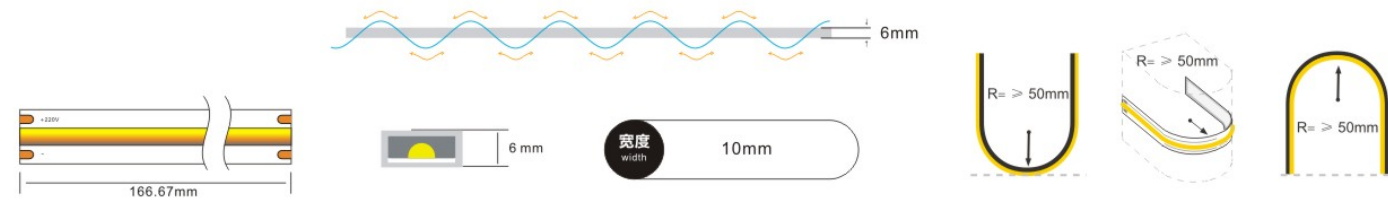
220V CE LM-80 120° 3 Years Dimmable RoHS TUV



Colors 发光颜色

- 2700K
- 3000K
- 4000K
- 6000K
- Red 红
- Green 绿
- Blue 蓝

**Dimensions 产品尺寸**



**Parameters 产品参数**

Model No.	10mm
LED Qty./M 灯珠数量	420LED/M
Voltage(V) 电压	220V
Power/M 功率	220V=10W
Width 宽度	10mm
CRI 显色指数	RA>90
LM/W 光效	85~115
LM/M 亮度	950~1300
Color 发光颜色	NW/WW/CN/W/R/G/B
Beam angle 发光角度	120°
IP Rate 防水等级	IP 67
Packing 包装长度	5~100m/Roll
Cut length 剪切长度	220V=166.67mm

**产品光效 Light efficiency**

FCOB光效	LM/W	
	CCT	Ra>90
2700K	≥85LM/W	≥75LM/W
3000K	≥90LM/W	≥80LM/W
4000K	≥95LM/W	≥90LM/W
6000K	≥100LM/W	≥95LM/W

备注:可定制产品颜色和线路板宽度及灯珠数量定制;  
Remarks:  
CCT,PCB width and LED QTY can be customized.

