

PRO Series Specification

# C8240

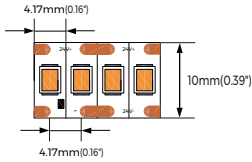
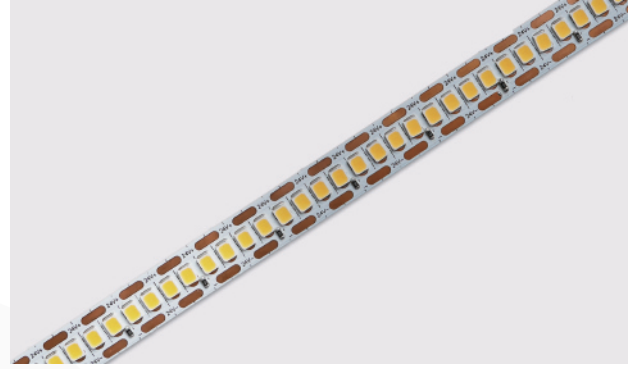
## 24V-10mm

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## 【General description】

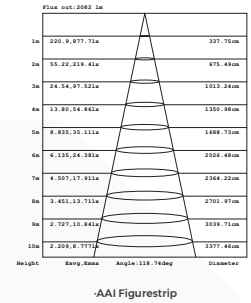
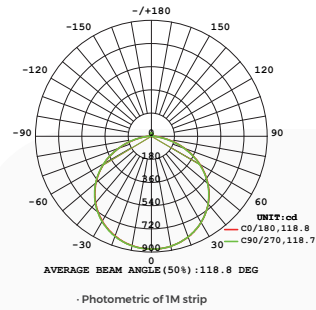
- 24V single LED per cut for more flexible application
- Mini cut uniting up to 4.17mm
- Parameter matches with traditional ones,better for stock management
- Self-encapsulated design offers 6 optional 2300-6000K white lights
- With life span over 60000H
- Ta: -25-40°C; Tc: 75°C(max)



## 【Dimension】

Input voltage: DC24V  
 CRI: 90  
 Max.power: 24.2W(1m)  
 Power range: 19.8~24.2W(1m)  
 Rated current: 0.92A(1m)  
 Typical Power: 22W(1m)  
 tape IP: IP20/IP65  
 On-off times:10000 (test times)  
 Warranty: 5years

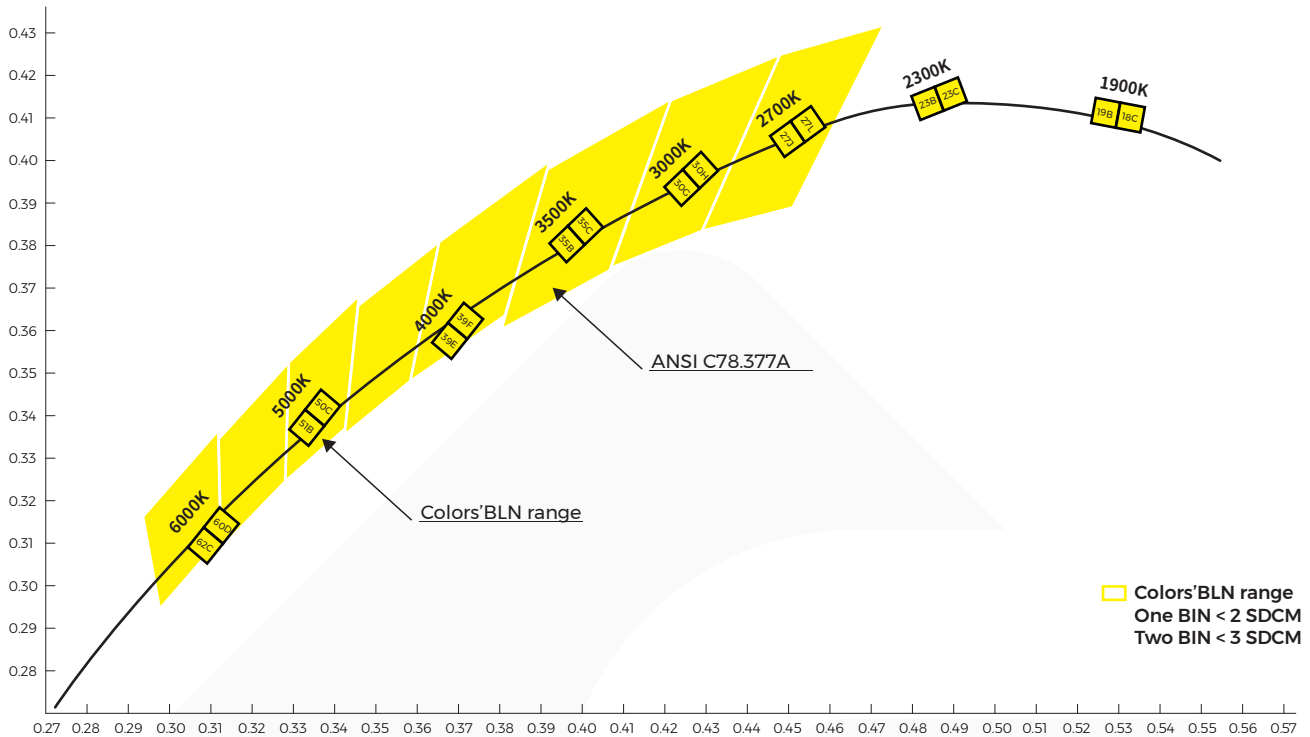
Max.length: 5000mm(16.4')  
 Cutting unit: 1leds/4.17mm(0.16")  
 LED pitch: 4.17mm(0.16")  
 Min. bend diameter:  $\Phi$ 60mm(2.36")  
 Mounting: 3M tape  
 Copper foil: 3oz



## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	LW	2300K	2220	676	100	F
Ra>90	SW	2700K	2490	759	113	F
Ra>90	WW	3000K	2700	823	123	E
Ra>90	PW	4000K	2750	838	125	E
Ra>90	NW	4000K	2900	884	132	E
Ra>90	W	6000K	2800	853	127	E

- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1meter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.



### 【Electronic & output data】

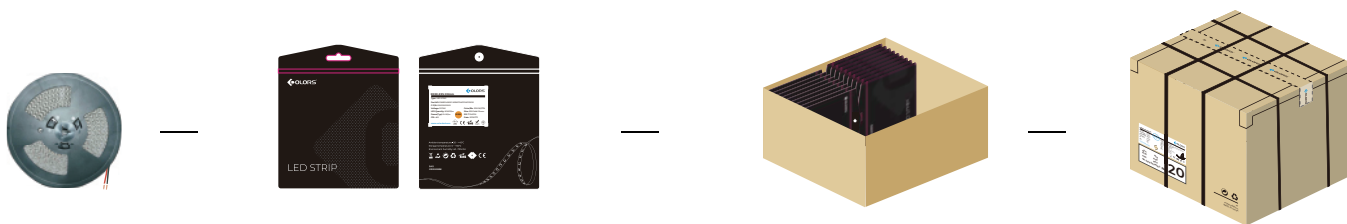
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.5mm	2300K/2700K/3000K/3500K/4000K/6000K	100%
NA		Nano-proof	10mm*1.6mm	2300K/2700K/3000K/3500K/4000K/6000K	98%

### 【Accessories Information】

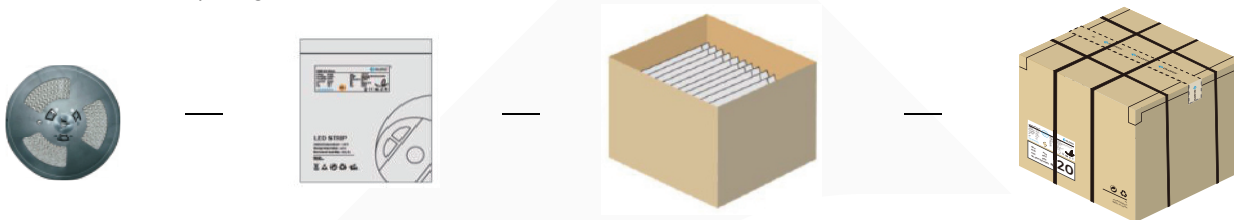
Name	Picture	Code	coding	description
Connector for wire and FPC		/	CXB210-DFTA	2PIN,wire to board(without wire),suitable for 10mm single color IP20 strips
Connector for FPC and FPC		/	CBB210-DFTA	2PIN,board to board,suitable for 10mm single color IP20 strips
L-connector for FPC and FPC		/	CBBL210-DFTA	2PIN,board to board(L shape),suitable for 10mm single color IP20 strips

## 【Packing】

Colors brand package



General customized package



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	5000*10*1.5	5	250	0.161	8.05	9.257	41*41*26
NA	5000*10*1.6	5	250	0.164	8.2	9.43	41*41*26

Remark: data with 10% tolerance

· Engineering packaging of NO(IP20)/NA(IP65).



50m/reel

IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	50000*10*1.5	50	500	1.61	16.1	18.515	41*41*26
NA	50000*10*1.6	50	500	1.64	16.4	18.86	41*41*26

Remark: data with 10% tolerance

## **【Precautions】**

- Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
- Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
- Do not fold it in case any damage of LED beads.
- Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
- Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
- LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25℃~40℃. Storage temperature: 0℃~60℃. Please use the strips without waterproof within indoor environment with humidity less than 70%.
- Please be careful during operation. Do not touch the AC power supply in case of electric shock.
- Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
- Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).
- Do not scratch the product when IP process of the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.