

COF Series

Specification

# DF7

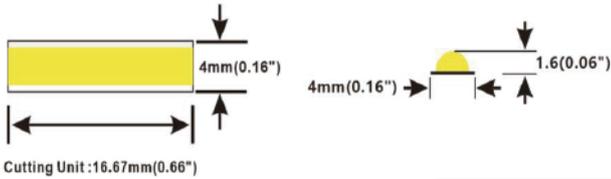
## 24V-4mm

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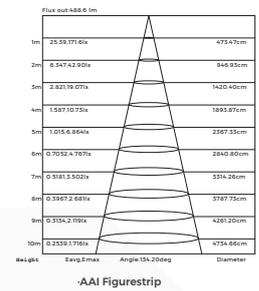
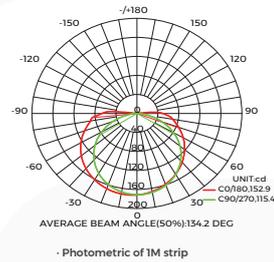
## 【General description】

- Light line and dot-free with big emitting angle
- CRI>90,85LM/W@4000K
- suit for furniture lighting and decorative lighting application
- 7 optional 2700K/3000K/4000K/6500K/R/G/B
- Life longer than 84000H, Ta: -25~40°C; Tc: 75°C (max)
- UL/UACK/CE/ROHS/REACH certification



## 【Dimension】

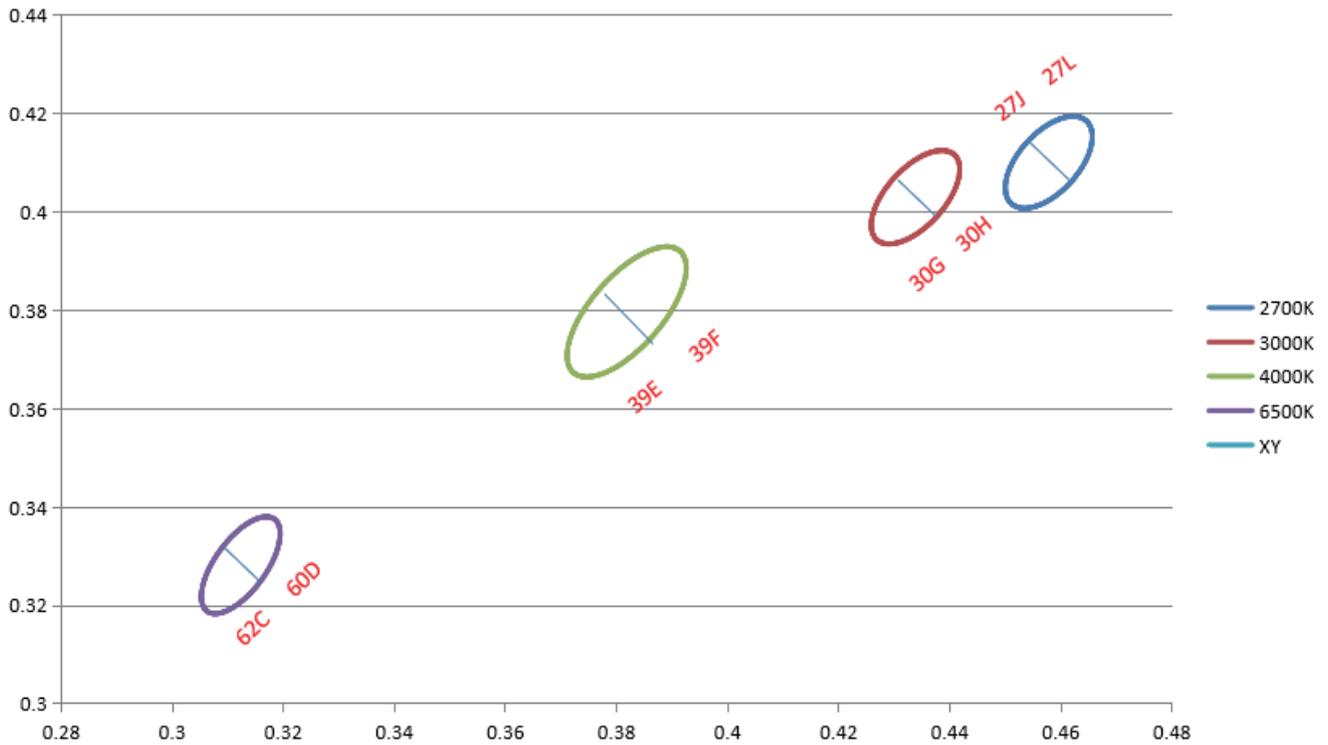
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|--|--|
| Input voltage: DC24V                         | Max.length: 2500mm(8.2')               |
| CRI: 90                                      | Cutting unit: 16.67mm(0.66")           |
| Max.power: 10W(1m)                           | LED pitch: /                           |
| Power range: 8~10W(1m)                       | Min. bend diameter: $\Phi$ 60mm(2.36") |
| Rated current: 0.375A(1m) 0.79A(2.5m)        | Mounting: 3M tape                      |
| Typical Power: 9W(1m) 19W(2.5m)              | Copper foil: 2oz                       |
| tape IP: IP20/IP65                           |  |
| On-off times: 10000 (test times)             |  |
| Warranty: 7 years indoors / 5 years outdoors |  |



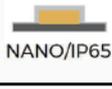
## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SW	2700K	610	185	68	/
Ra>90	WW	3000K	680	207	76	/
Ra>90	NW	4000K	760	231	85	/
Ra>90	W	6500K	810	246	90	/
/	R	620-630nm	/	/	/	/
/	G	520-530nm	/	/	/	/
/	B	450-460nm	/	/	/	/

- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/lmerter , data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.



### 【Electronic & output data】

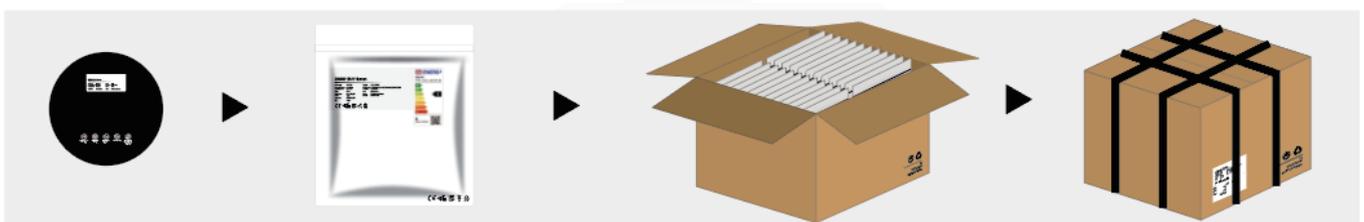
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	4mm*1.6mm	2700K/3000K/4000K/6500K/R/G/B	100%
NANO		Nano-proof	4mm*1.6mm	2700K/3000K/4000K/6500K/R/G/B	98%

### 【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	2500*4*1.6	2.5	400	0.13	10.4	11.96	41*41*26
NA	2500*4*1.6	2.5	400	0.14	11.2	12.88	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 C~40 C. Storage temperature: 0 C~60 C. 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.