

COF Series Specification

# DFS6

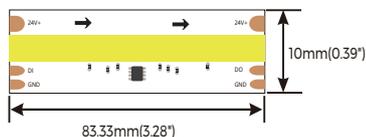
## 24V-10mm

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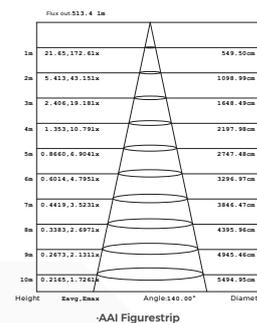
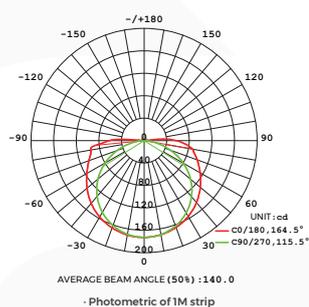
## 【General description】

- SPI white strips, 12 Pixels/m, IC model: WS2811F
- Can be used with a simple controller
- Easy installation and maintaining
- Ta: -20~40°C; Tc=75° (max)
- Life longer than 36000H, Ta: -25~40°C; Tc: 75°C (max)
- UL/UACK/CE/ROHS/REACH certification



## 【Dimension】

Input voltage: DC24V	Max.length: 5000mm(16.4')
CRI: 90	Cutting unit: 83.33mm(3.28")
Max.power: 13.2W(1m)	LED pitch: /
Power range: 10.8-13.2W(1m)	Min. bend diameter: $\Phi$ 60mm(2.36")
Rated current: 0.5A(1m)	Mounting: 3M tape
Typical Power: 12W(1m)	Copper foil: 2oz
tape IP: IP20/IP65	
On-off times: 10000 (test times)	
Warranty: 3years indoors / 2years outdoors	



## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SW	2700K	540	163	45	G
Ra>90	WW	3000K	610	184	51	G
Ra>90	PW	3500K	650	195	54	G
Ra>90	NW	4000K	670	203	56	G
Ra>90	W	6500K	695	210	58	G

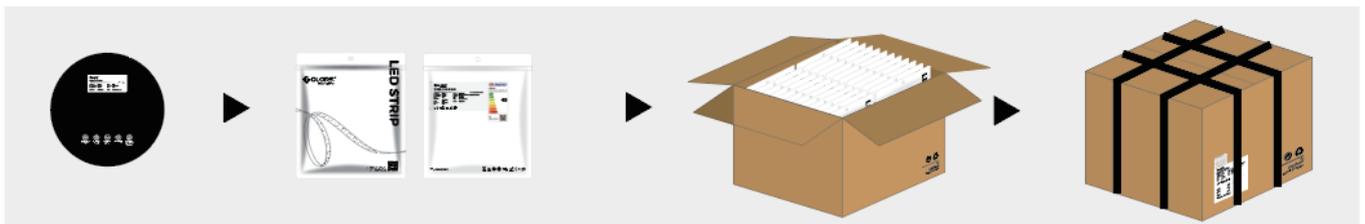
- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/lmterter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.
- 5.IC: WS2811F

## 【Electronic & output data】

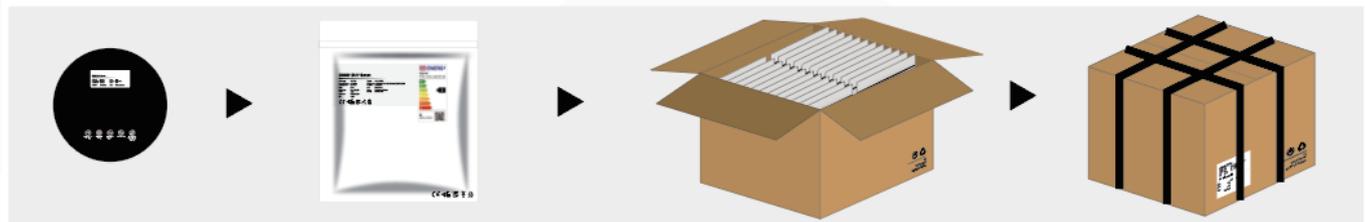
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.6mm	2700K/3000K/3500K/4000K/6500K	100%
NA		Nano-proof	10mm*1.6mm	2700K/3000K/3500K/4000K/6500K	98%

## 【Packing】

Colors brand package(NONA)



General customized package(ET)



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*1.6	5	270	0.12	6.48	7.42	36.5*36.5*19
NA	5000*10*1.6	5	270	0.13	7.02	8.1	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.