

CLASSIC Series Specification

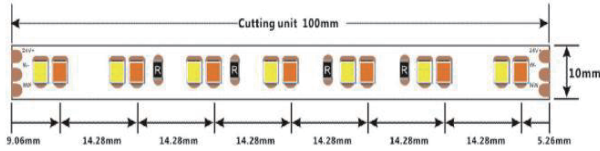
# D8140SWW

## 24V-10mm



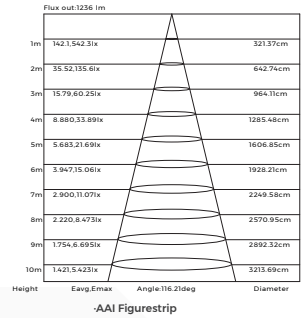
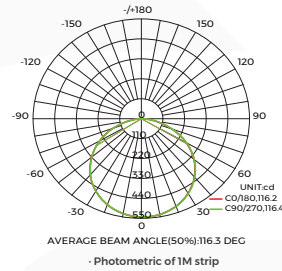
### 【General description】

- Three-wire adjustable toning strip makes it widely match all kinds of controllers
- With life span over 60000H
- 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: 14leds/100mm(3.84") |
| Max.power: 19.2W(1m)                       | LED pitch: 14.28mm(0.56")         |
| Power range: 15.5~19.2W(1m)                | Min. bend diameter: Φ60mm(2.36")  |
| Rated current: 0.713A(1m) 3.2A(5m)         | Mounting: 3M tape                 |
| Typical Power: 17.1W(1m) 76.8W(5m)         | Copper foil: 3oz                  |
| tape IP: IP20/IP65                         |                                   |
| On-off times: 10000 (test times)           |                                   |
| Warranty: 5 years indoor / 3 years outdoor |                                   |



### 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SWW	2700K-6000K	1710	521	100	/
Ra>90	SW	2700K	830	253	98	F
Ra>90	W	6000K	880	268	104	F

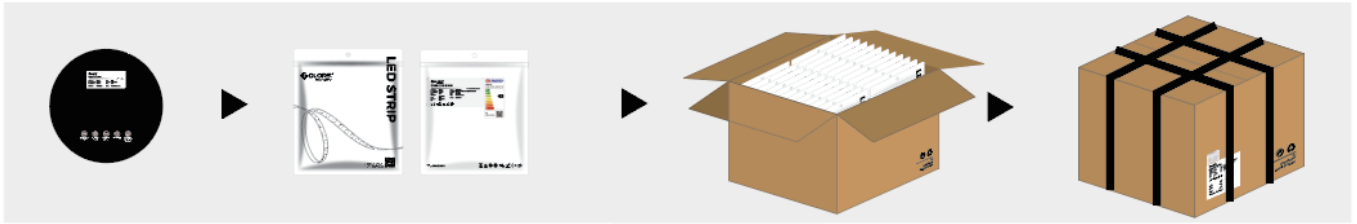
- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/Imertex, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

### 【Electronic & output data】

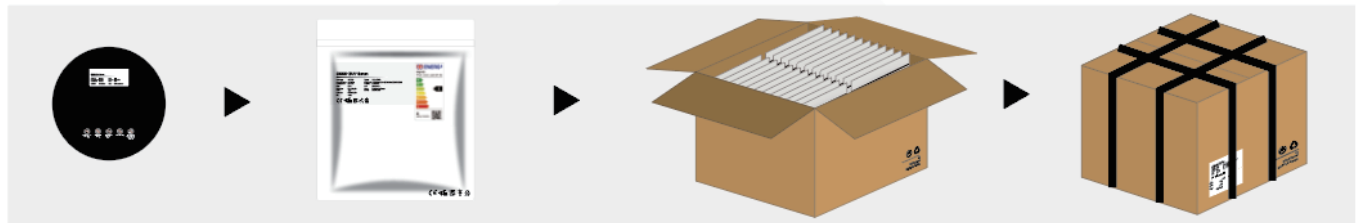
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.5mm	2700K-6000K	100%
NA		Nano-proof	10mm*1.5mm	2700K-6000K	98%

## 【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	5000*10*1.5	5	250	0.152	7.6	8.74	41*41*26
NA	5000*10*1.5	5	250	0.155	7.75	8.913	41*41*26

Remark: data with 10% tolerance

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



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	1.52	15.2	17.48	41*41*26
NA	50000*10*1.5	50	500	1.55	15.5	17.825	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.