

CLASSIC Series Specification

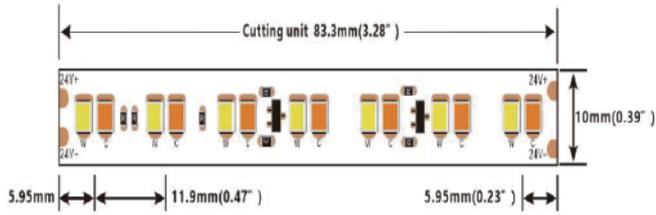
# DS8168GWWW

## 24V-10mm



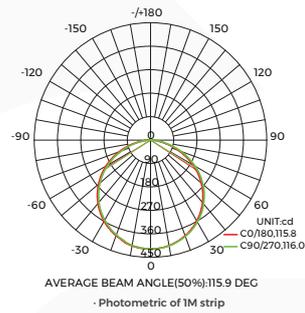
## 【General description】

- Dim to warm strip, widely adapted with PWM controllers
- 1900K+3000K design
- Life longer than 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/83.3mm(3.28") |
| Max.power: 14.4W(1m)                         | LED pitch: 11.9mm(0.47")           |
| Power range: 12.4 ~ 14.4W(1m)                | Min. bend diameter: Φ60mm(2.36")   |
| Rated current: 0.56A(1m) 2.25A(5m)           | Mounting: 3M tape                  |
| Typical Power: 13.5W(1m) 54W(5m)             | Copper foil: 2oz                   |
| tape IP: IP20/IP65                           |                                    |
| On-off times: 10000 (test times)             |                                    |
| Warranty: 5 years indoors / 3 years outdoors |                                    |



Height	Beam Diameter	Beam Diameter
1m	115.347791x	318.51cm
2m	28.8310451x	637.02cm
3m	12.8146431x	955.53cm
4m	7.20726121x	1274.05cm
5m	4.61216721x	1592.56cm
6m	3.20511611x	1911.07cm
7m	2.35585291x	2229.58cm
8m	1.80285501x	2548.09cm
9m	1.42451991x	2866.60cm
10m	1.15347791x	3185.12cm

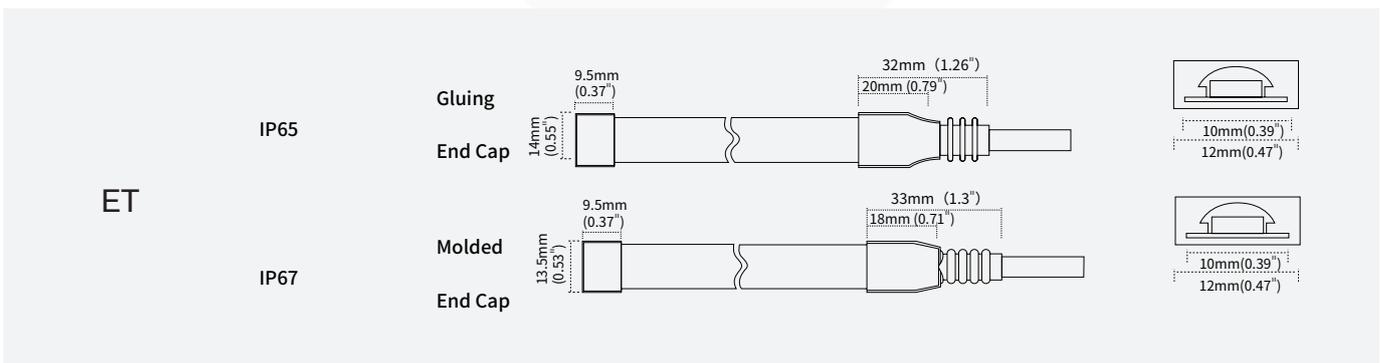
Flux out: 927.8 lm  
Angle: 115.75deg  
-AAI Figurestrip

## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	GWWW	1900K-3000K	580	176	72	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 IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

## 【IP process information】



## 【Electronic & output data】

IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.5mm	1900K-3000K	100%
NA		Nano-proof	10mm*1.5mm	1900K-3000K	98%
ET		Extrusion tube	12mm*4.8mm	1900K-3000K	88%

## 【Accessories Information】

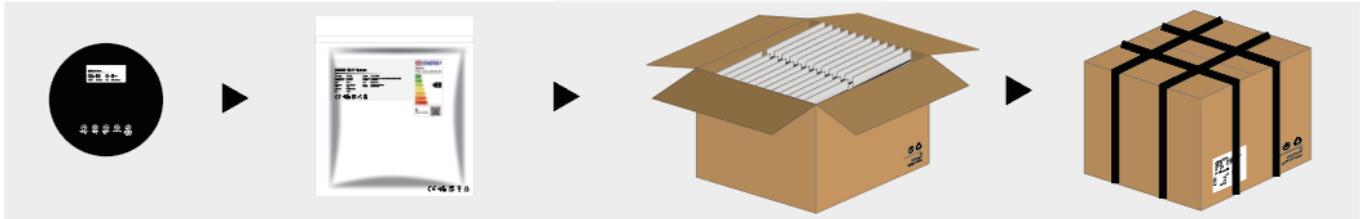
Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0003	FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip
Silicone Plug Kit		94-02-00-0046	DT10EA-A	Silicone plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip
Silicone stopper kit		94-02-00-0047	DW10EA-A	Silicone tail plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip
Mounting groove		94-02-00-0025	CVT10EA-14100100	Transparent PVC mounting groove,suitable for 10mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	AS-PG-0003	Silicone gel,suitable for ET/EF/EG waterproof LED strip
Connector for FPC and FPC		81-01-000002-000040	CBB310-NOTA	10MM-3P solder-free connector (board-to board)\ suitable for bare board 10mm width strip light
Connector for wire and FPC		81-01-000002-000041	CXB310-NOTA	10MM-3P solderless connector(wire to board)\ Compatible with 20&22AWG wire\20#(6A);22#(4A)\ Applicable to bare board 10mm width lamp strip

## 【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	0.135	6.75	7.763	41*41*26
NA	5000*10*1.5	5	250	0.137	6.85	7.878	41*41*26
ET	5000*12*4.8	5	200	0.49	19.6	22.54	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.