

CLASSIC Series Specification

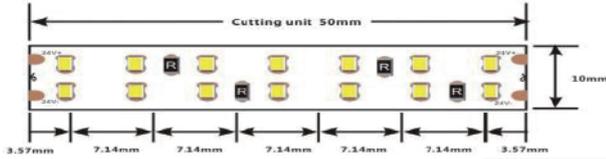
# D6280

## 24V-10mm



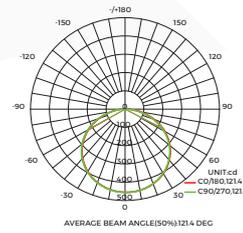
## 【General description】

- Double rows of LED with ultra-slim thickness of 1.2mm, matching profiles better
- Self-encapsulated design offers 4 optional 2700-6000K white lights, CRI 90
- With life span over 60000H
- Ta: -25-40°C; Tc: 75°C(max)
- UL/JACK/CE/ROHS/REACH certification

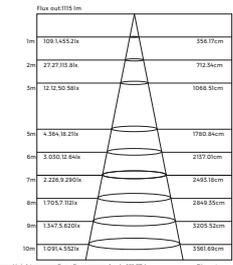


## 【Dimension】

- |                                            |                                        |
|--------------------------------------------|----------------------------------------|
| Input voltage: DC24V                       | Max.length: 5000mm(16.4')              |
| CRI: 90                                    | Cutting unit: 14leds/50mm(1.97")       |
| Max.power: 16.2W(1m)                       | LED pitch: 7.14mm(0.28")               |
| Power range: 13.8~16.2W(1m)                | Min. bend diameter: $\Phi$ 60mm(2.36") |
| Rated current: 0.625A(1m) 2.73A(5m)        | Mounting: 3M tape                      |
| Typical Power: 15W(1m) 65.5W(5m)           | Copper foil: 2oz                       |
| tape IP: IP20/IP65                         |                                        |
| On-off times: 10000 (test times)           |                                        |
| Warranty: 5 years indoor / 3 years outdoor |                                        |



· Photometric of 1M strip

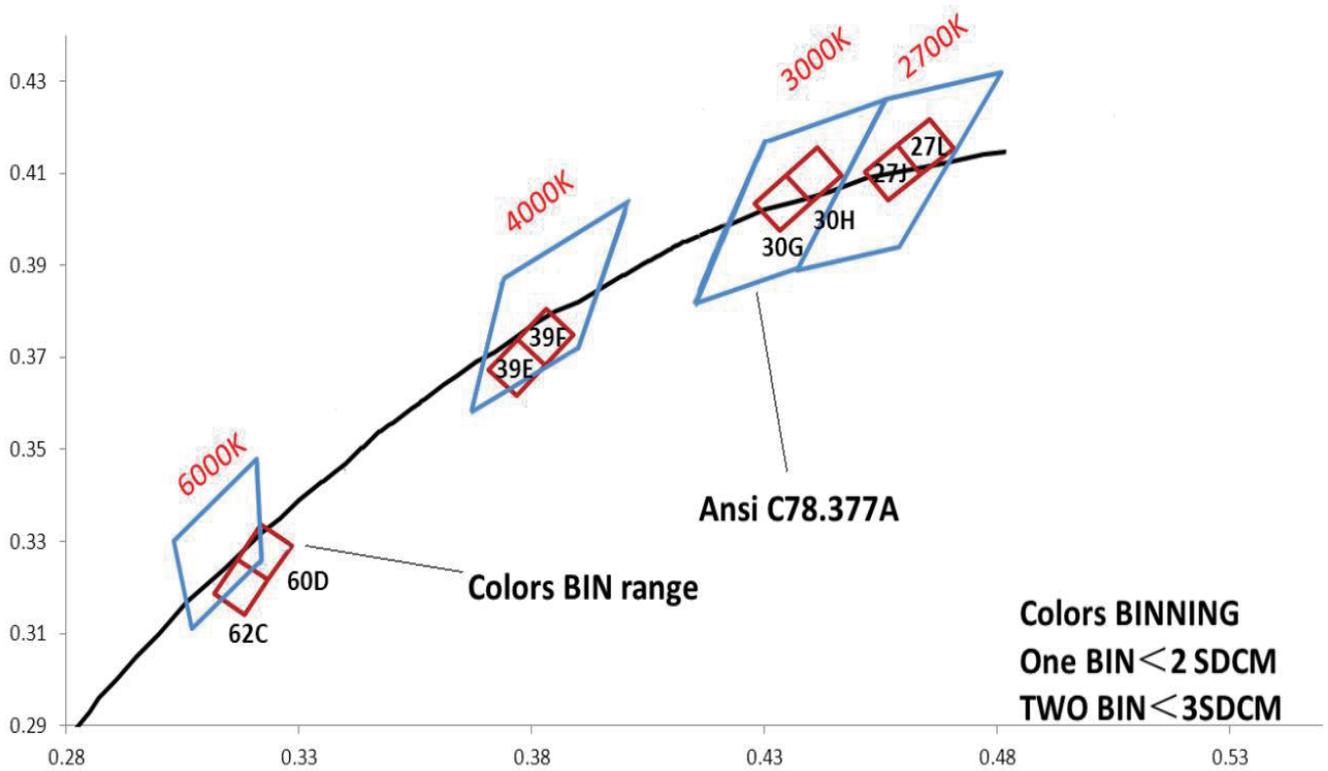


· AAI Figurestrip

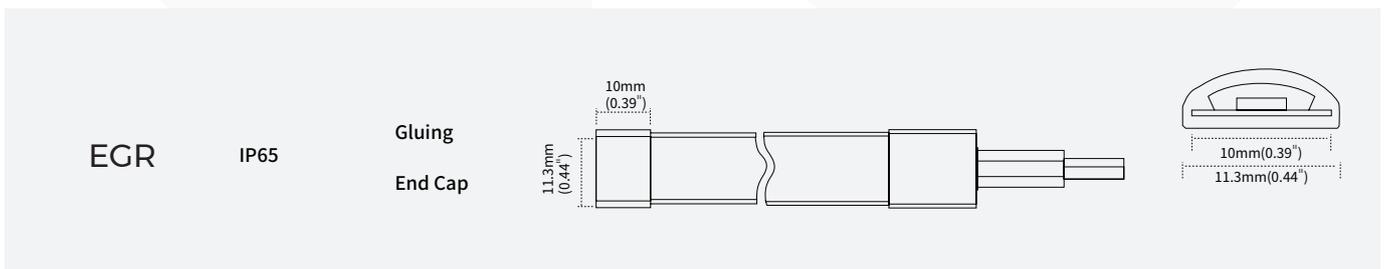
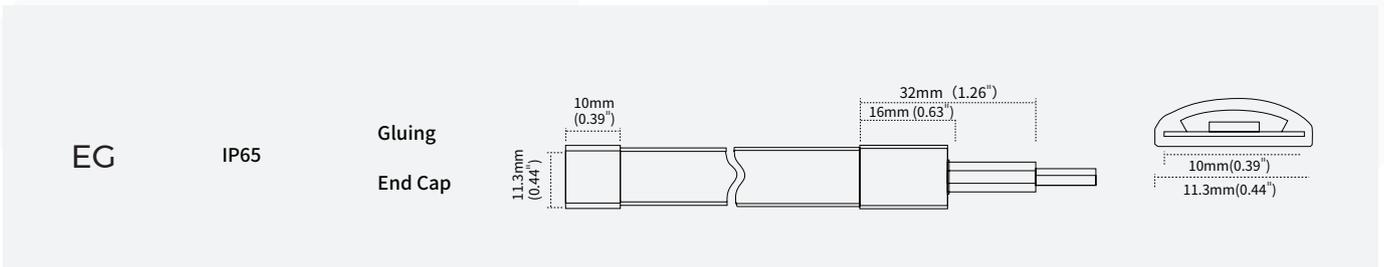
## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SW	2700K	1380	420	92	A+
Ra>90	WW	3000K	1460	445	97	A+
Ra>90	NW	4000K	1505	458	101	A+
Ra>90	W	6000K	1460	445	97	A+

- 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/Imerter, 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】

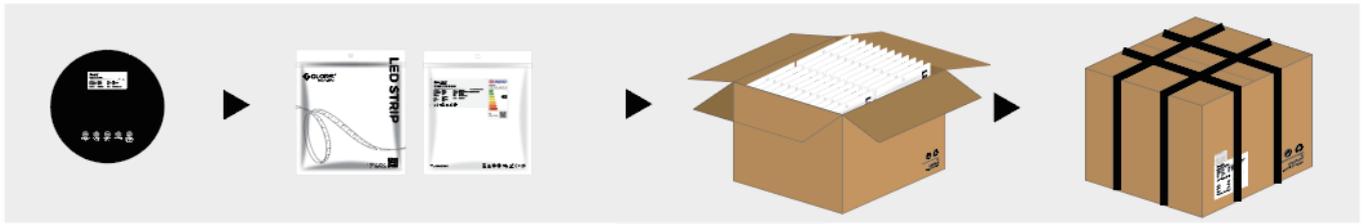
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	10mm*1.2mm	2700K/3000K/4000K/6000K	100%
NA	 NANO/IP65	Nano-proof	10mm*1.2mm	2700K/3000K/4000K/6000K	98%
EG	 EG/IP65	Extrusion curved tube	11.3mm*3.8mm	2700K/3000K/4000K/6000K	88%
EGR	 EGR/IP65	Milky white all-inclusive hollow arc extrusion	11.3mm*3.8mm	2700K/4000K/6000K	90%

## 【Accessories Information】

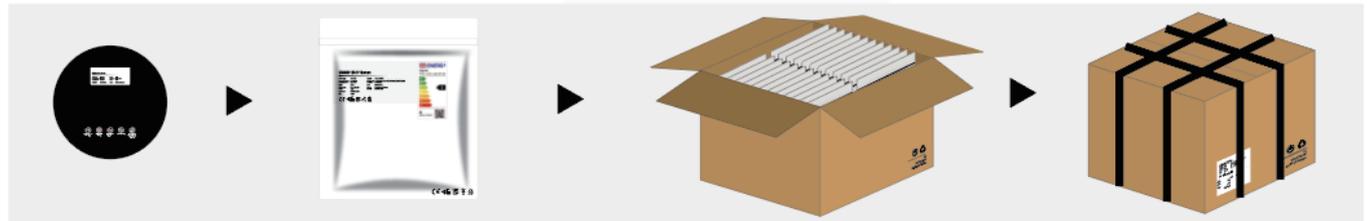
Name	Picture	Code	coding	description
Gas phase rubber plug		94-02-00-0040	DT10EG-A	Translucent gas phase adhesive plug, suitable for 10mm wide silicone extrusion eg lamp with plug
Gas phase gel plugging		94-02-00-0041	DW10EG-A	Translucent gas phase adhesive plug, suitable for 10mm wide silicone extrusion eg lamp with end plug
Stopper glue		94-16-03010001	AS-PG-0003	Silicone gel, suitable for ET/EF/EG waterproof LED 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*1.2	5	250	0.135	6.75	7.736	41*41*26
NA	5000*10*1.2	5	250	0.138	6.9	7.935	41*41*26
EG/EGR	5000*11.3*3.8	5	200	0.217	8.68	9.982	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*1.2	50	500	1.35	13.5	15.525	41*41*26
NA	50000*10*1.2	50	500	1.35	13.5	15.87	41*41*26
EG/EGR	50000*11.3*3.8	50	100	2.17	4.34	4.991	25.5*25.5*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.