



PRO Series

Specification

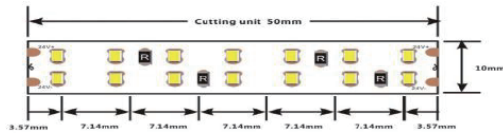
D6280

24V-10mm



【General description】

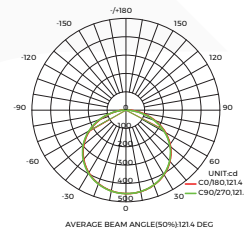
- Double rows of LED with ultra-slim thickness of 1.2mm, matching profiles better
- Self-encapsulated design offers 4 optional 2700-6000K white lights, CRI 90
- With life span over 36000H
- Ta: -25~40°C; Tc: 75°C (max)



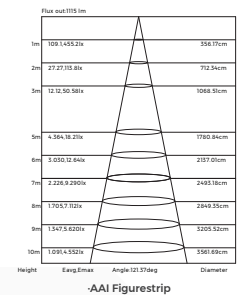
【Dimension】

Input voltage: DC24V
 CRI: 90
 Max.power: 16.2W(1m)
 Power range: 13.8~16.2W(1m)
 Rated current: 0.625A(1m) 2.73A(5m)
 Typical Power: 15W(1m) 65.5W(5m)
 tape IP: IP20/IP65
 On-off times: 10000 (test times)
 Warranty: 5years
 (Warranty is based on indoor use)

Max.length: 5000mm(16.4')
 Cutting unit: 14leds/50mm(1.97")
 LED pitch: 7.14mm(0.28")
 Min. bend diameter: Φ 60mm(2.36")
 Mounting: 3M tape
 Copper foil: 2oz



· Photometric of 1M strip

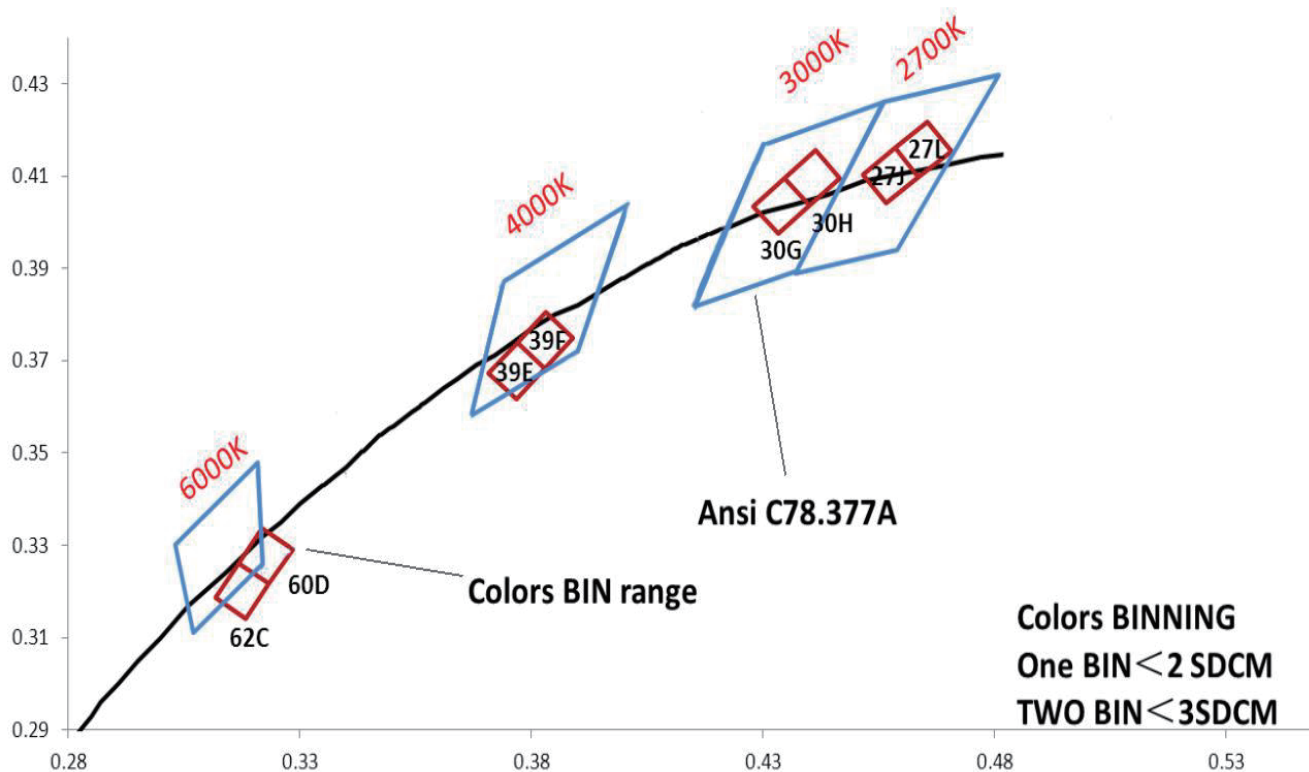


· AAI Figurestrip

【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 15%.
- 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.

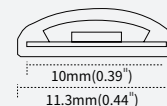
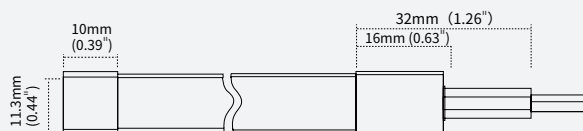


【IP process information】

EG

IP65

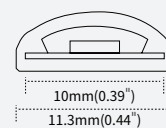
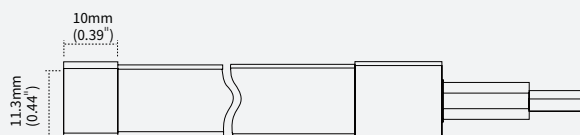
Gluing
End Cap







EGR

IP65


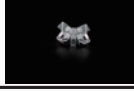



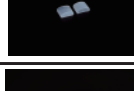
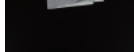
Gluing
End Cap



【Electronic & output data】

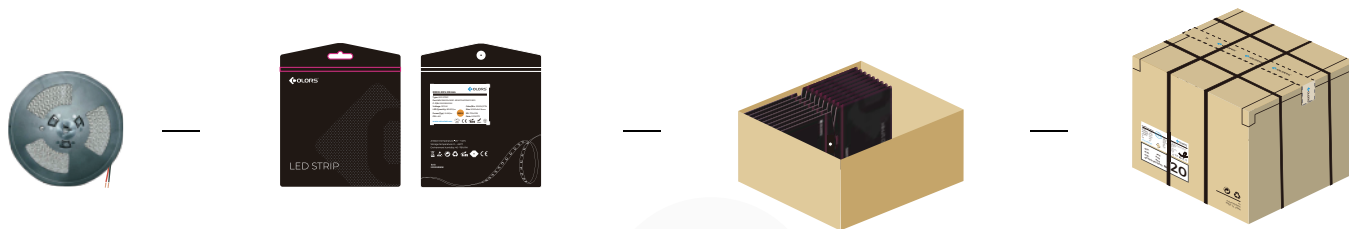
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.2mm	2700K/3000K/4000K/6000K	100%
NA		Nano-proof	10mm*1.2mm	2700K/3000K/4000K/6000K	98%
EG		Extrusion curved tube	11.3mm*3.8mm	2700K/3000K/4000K/6000K	88%
EGR		Milky white all-inclusive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

【Accessories Information】

Name	Picture	Code	coding	description
Connector for wire and FPC		94-03-00-0037	TXB210-NOGA	10mm width, 2PIN connector of wire and FPC, suitable for white color strip, NO/NA, 2PIN wire18- 22AWG
Connector for FPC and FPC		94-42-621020004	TBB210-NOGA	10mm width, 2PIN connector of FPC and FPC, suitable for white color strip,NO/NA
Slim connector		81-01-000000-000065	TBB210-NOTA	Suitable for 10mm board width, IP20, 2PIN board-to-board solderless terminal
Slim connector		81-01-000000-000067	TXB210-NOTA012	Suitable for 10mm board width, IP20, 2PIN wire- to-board solderless terminal
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-PC-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
EC/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
EC/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.