

PRO Series Specification

# DS980

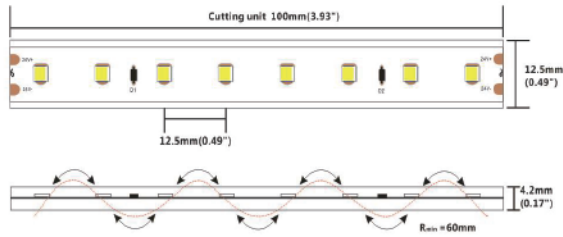
## 24V-10mm

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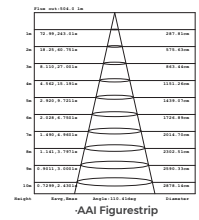
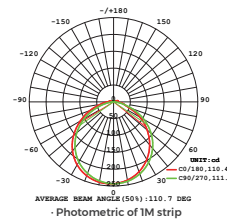
## 【General description】

- OSRAM 3030LED ,SCDM  $\cong 3$ .
- L80 (B10)  $\geq 60000H$ .
- 5 years warranty@ $t_a \leq 85^\circ C$ , 3 years warranty@ $t_a \leq 100^\circ C$ ,  $T_a: -40-100^\circ C$ ;  $T_c: 120^\circ C$  (max) .
- apply to bathroom , sauna.



## 【Dimension】

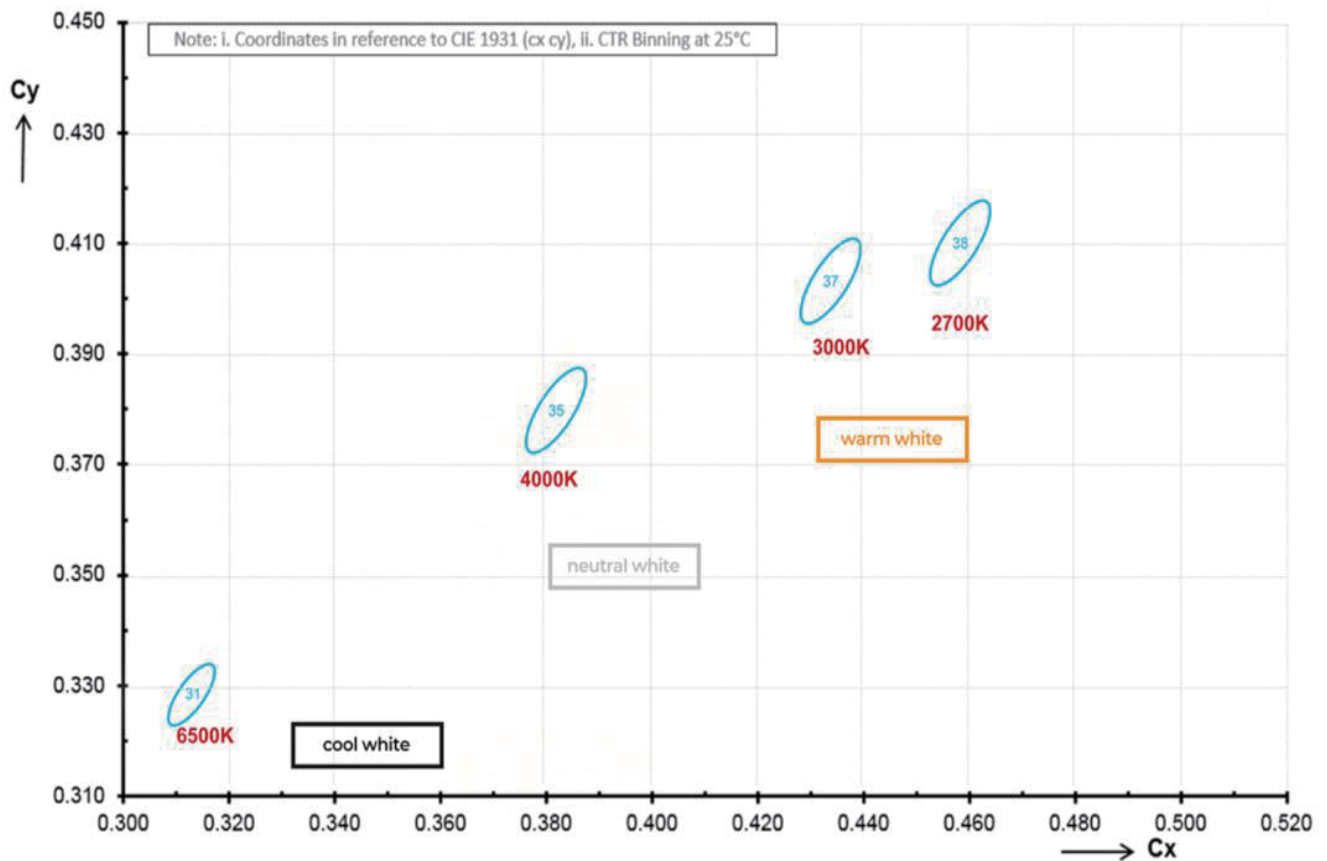
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|---|--|
| Input voltage: DC24V                    | Max.length: 5000mm(16.4')              |
| CRI: 80                                 | Cutting unit: 8leds/100mm(3.93")       |
| Max.power: 5W(1m)                       | LED pitch: 12.5mm(0.49")               |
| Power range: 4.3~5W(1m)                 | Min. bend diameter: $\Phi 60mm(2.36")$ |
| Rated current: 0.2A(1m) /1A(5m)         | Mounting: PVC clip/silicone clip       |
| Typical Power: 4.8W(1m) /24W(5m)        | Copper foil: 3oz                       |
| tape IP: IP20/IP65                      |  |
| On-off times: 10000 (test times)        |  |
| Warranty: 5years@ $t_a \leq 85^\circ C$ |  |




## 【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>80	SW	2700K	690	210	144	E
Ra>80	WW	3000K	720	220	150	D
Ra>80	NW	4000K	745	225	155	D
Ra>80	W	6500K	705	215	147	D



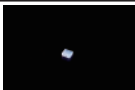


- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP65/lmterter, data of 5m in only for reference.



**【Electronic & output data】**

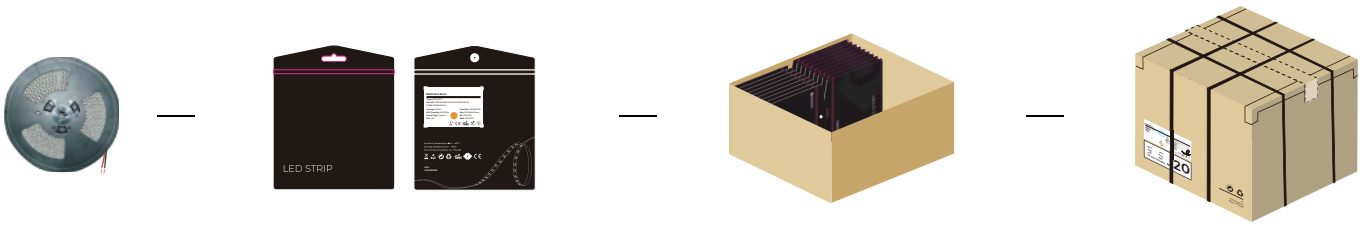
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NAST	 NAST(IP65)	Nano casing waterproof	12.5mm*4.2mm	2700K/3000K/4000K/6500K	93%

**【Accessories Information】**

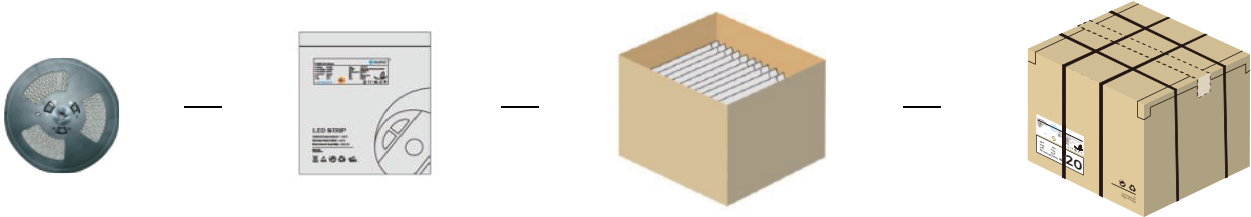
Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0003	FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip
No silicone hole plug		94-02-00-0009	DW10SA-A	Silicone end cap without hole ,suitable for 10mm FPC, IP65 waterproof strip
Silicone single hole plug		94-02-00-0012	DT10SA-A	Silicone end cap without hole,suitable for 10mm FPC, IP65 waterproof single color 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

## 【Packing】

SEL 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)
NAST	5000*12.5*4.2	5	250	0.3	15	17.25	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: -40℃~85℃.Storage temperature: 0℃~85℃.
- 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).