

Sauna series **Specification**

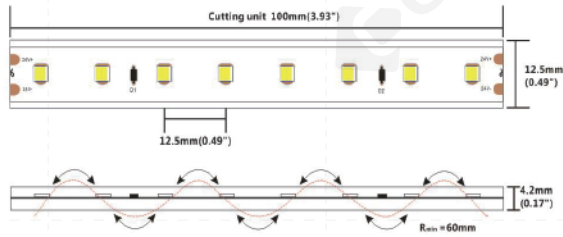
DS980

24V-10mm



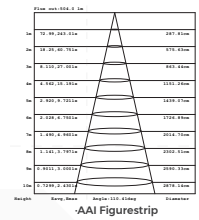
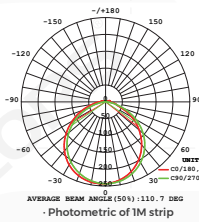
【General description】

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



【Dimension】

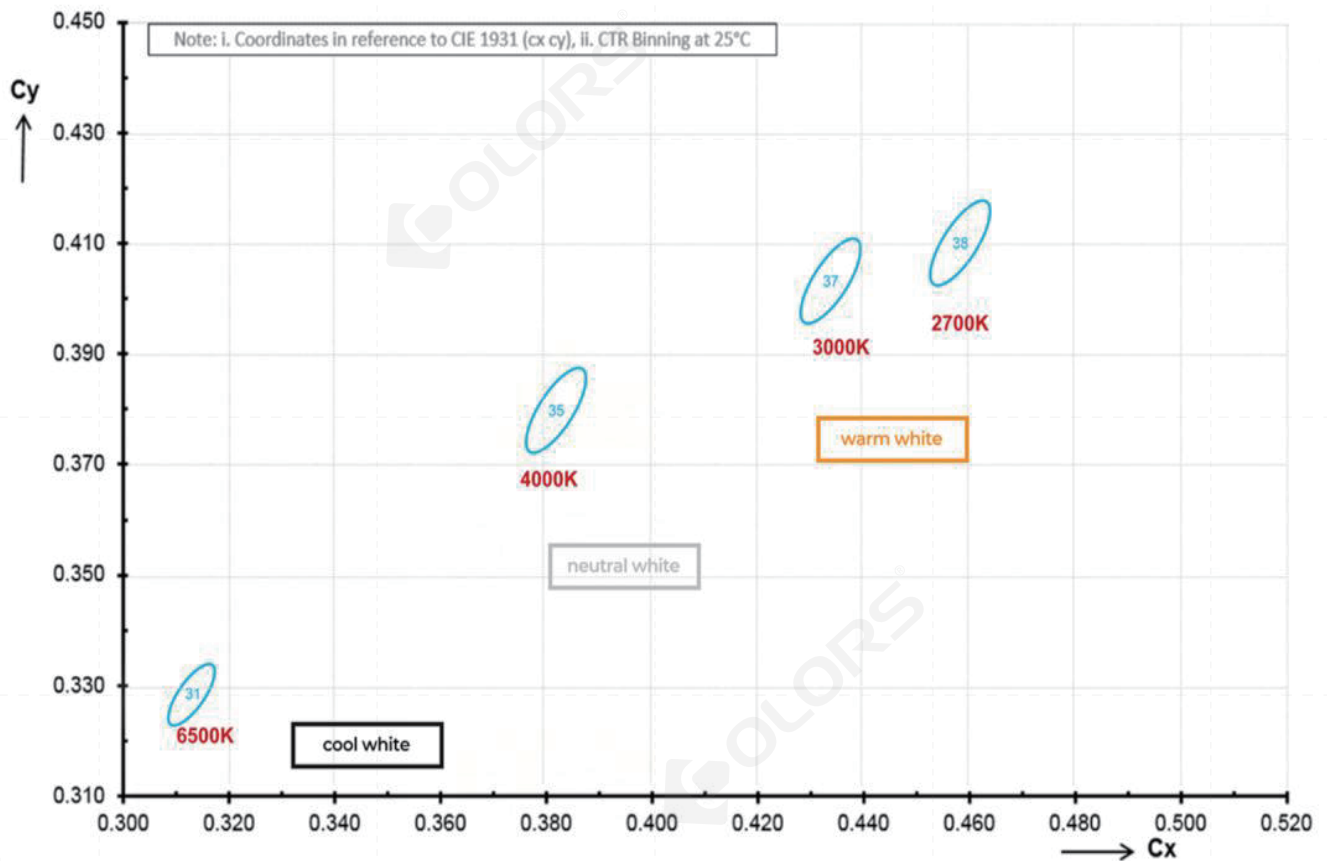
Input voltage: DC24V	Max.length: 5000mm(16.4')
CRI: 80	Cutting unit: 8leds/100mm(3.93")
Max.power: 5W(1m)	LED pitch: 12.5mm(0.49")
Power range: 4.3~5W(1m)	Min. bend diameter: $\Phi 60\text{mm}(2.36")$
Rated current: 0.2A(1m) /1A(5m)	Mounting: PVC clip/silicone clip
Typical Power: 4.8W(1m) /24W(5m)	Copper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




【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



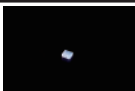

- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP65/1mterter, data of 5m in only for reference.



【Electronic & output data】

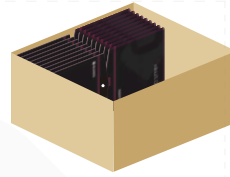
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NAST		Nano casing waterproof	12.5mm*4.2mm	2700K/3000K/4000K/6500K	93%

【Accessories Information】

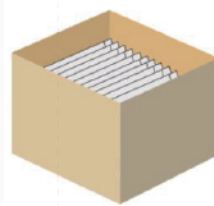
Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0003	FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC, EF/ET strip
No silicone hole plug		94-02-00-0009	DW10SA-A	Silicone end cap without hole, suitable for 10mm FPC, IP65 waterproof strip
Silicone single hole plug		94-02-00-0012	DT10SA-A	Silicone end cap without hole, suitable for 10mm FPC, IP65 waterproof single color strip
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)
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 C~85 C.Storage temperature: 0 C~85 C.
- 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).