

SAUNA Series Specification

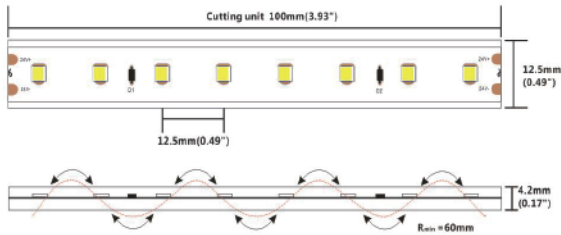
DS980

24V-10mm



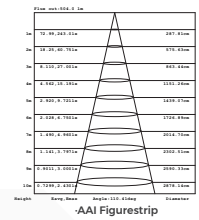
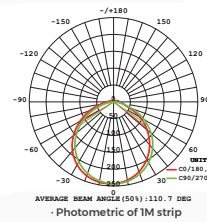
【General description】

- OSRAM 3030LED ,SCDM $\cong 3$.
- L80 (B10) $\geq 60000\text{H}$.
- 5 years warranty@ $t_a \leq 85^\circ\text{C}$, 3 years warranty outdoors@ $t_a \leq 105^\circ\text{C}$.
- Ta: $-40\text{--}100^\circ\text{C}$; Tc: 120°C (max) .
- apply to bathroom , sauna.



【Dimension】

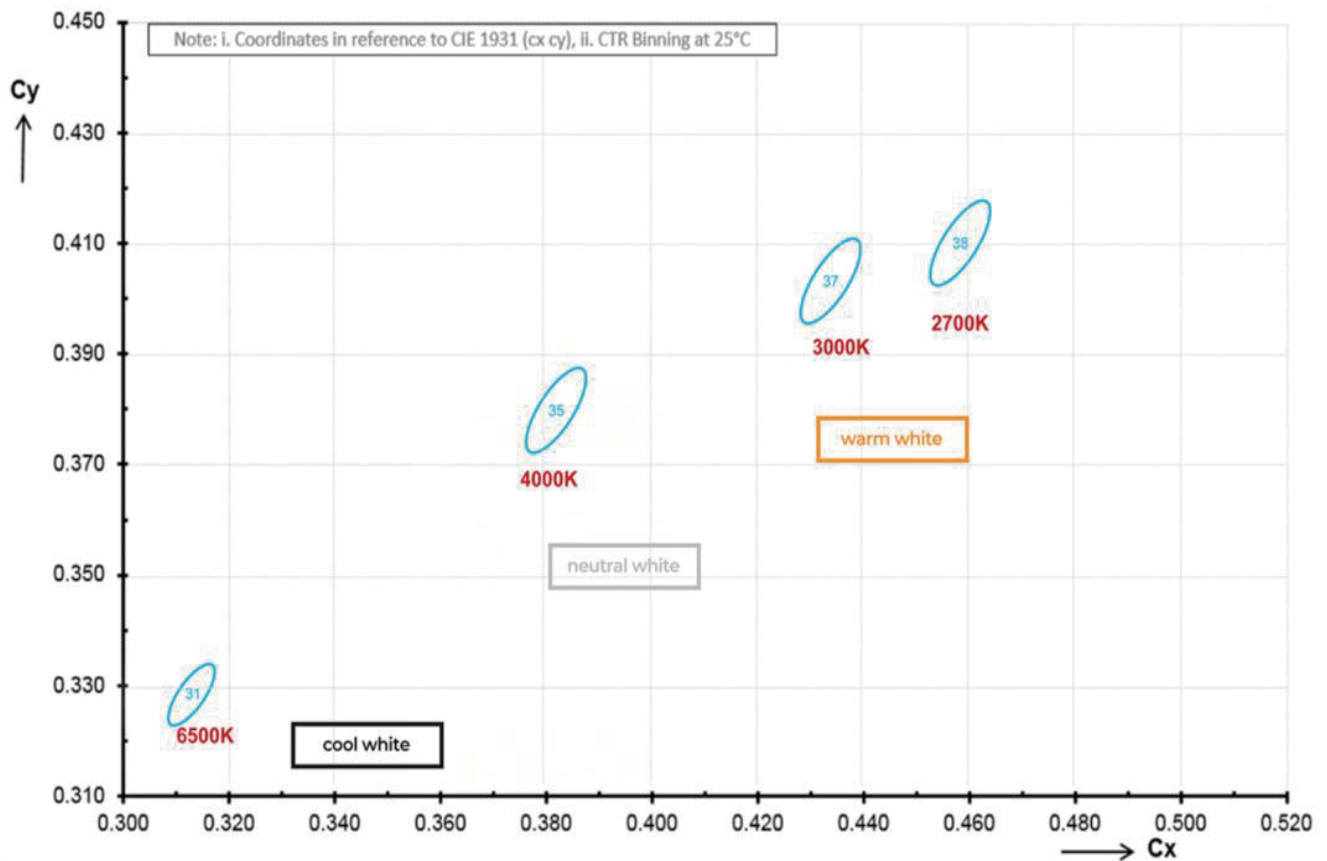
- | | |
|--|---|
| Input voltage: DC24V | Max.length: 5000mm(16.4') |
| CRI: 80 | Cutting unit: 8leds/100mm(3.93") |
| Max.power: 5W(1m) | LED pitch: 12.5mm(0.49") |
| Power range: 4.3~5W(1m) | Min. bend diameter: $\Phi 60\text{mm}(2.36")$ |
| Rated current: 0.2A(1m) /1A(5m) | Mounting: PVC clip/silicone clip |
| Typical Power: 4.8W(1m) /24W(5m) | Copper foil: 3oz |
| tape IP: IP20/IP65 | |
| On-off times: 10000 (test times) | |
| Warranty: 5 years@ $t_a \leq 85^\circ\text{C}$ / 3 years@ $t_a \leq 105^\circ\text{C}$ | |



【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 |

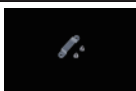

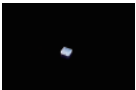
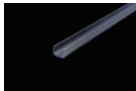

- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP65/1mterter , data of 5m in only for reference.



【Electronic & output data】

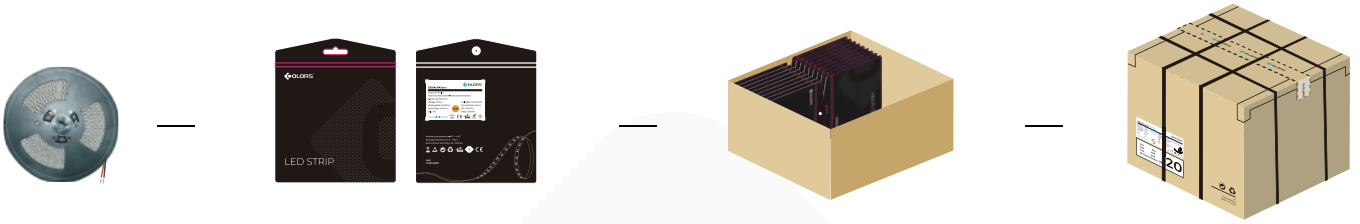
| IP Process | Picture | Picture description | Size | optional CCT/color for finished product | lumen output rate |
|------------|---|------------------------|--------------|---|-------------------|
| NAST |  NAST(IP65) | Nano casing waterproof | 12.5mm*4.2mm | 2700K/3000K/4000K/6500K | 93% |

【Accessories Information】

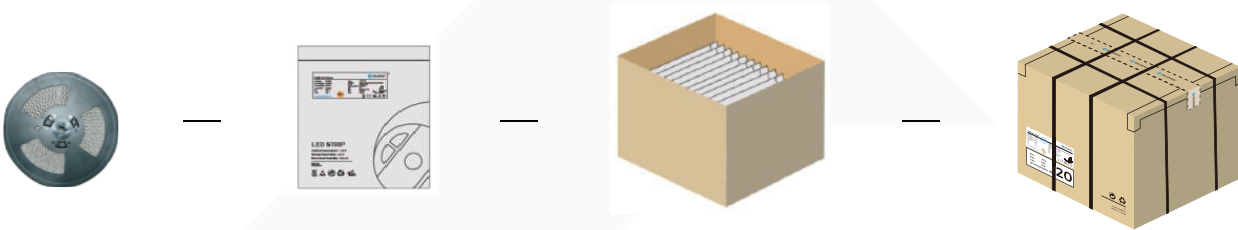
| Name | Picture | Code | coding | description |
|---------------------------|---|----------------|------------------|---|
| Fixed Clip |  | 94-02-00-0003 | FSW10SA | Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip |
| No silicone hole plug |  | 94-02-00-0009 | DW10SA-A | Silicone end 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】

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℃~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).