

Sauna Series Specification

DF5

24V-10mm

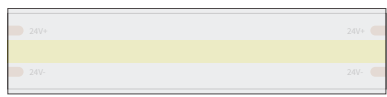


【General description】

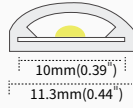
- apply to bathroom , sauna
- 5 colors optional 1600K/2200K/2700K/3000K/4000K
- Life longer than 60000H, Ta: -40~125°C; Tc: 125°C (max)
- UL/UACK/CE/ROHS/REACH certification



Cutting unit: 50mm(1.97")



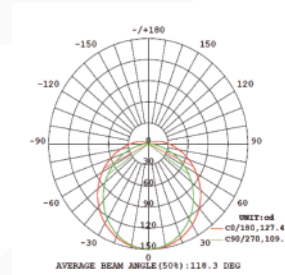
11.3mm(0.44")



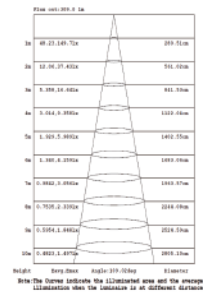
【Dimension】

Input voltage: DC24V
 CRI: 90
 Max.power: 5.5W(1m)
 Power range: 4.5~5.5W(1m)
 Rated current: 0.21A(1m)
 Typical Power: 5W(1m)
 tape IP: IP65
 On-off times: 10000 (test times)
 Warranty: 5 years

Max.length: 5000mm(16.4')
 Cutting unit: 50mm(1.97")
 LEDs/m: 320
 Min. bend diameter: Φ 60mm(2.36")
 Mounting: 3M tape
 Copper foil: 2oz



· Photometric of 1M strip

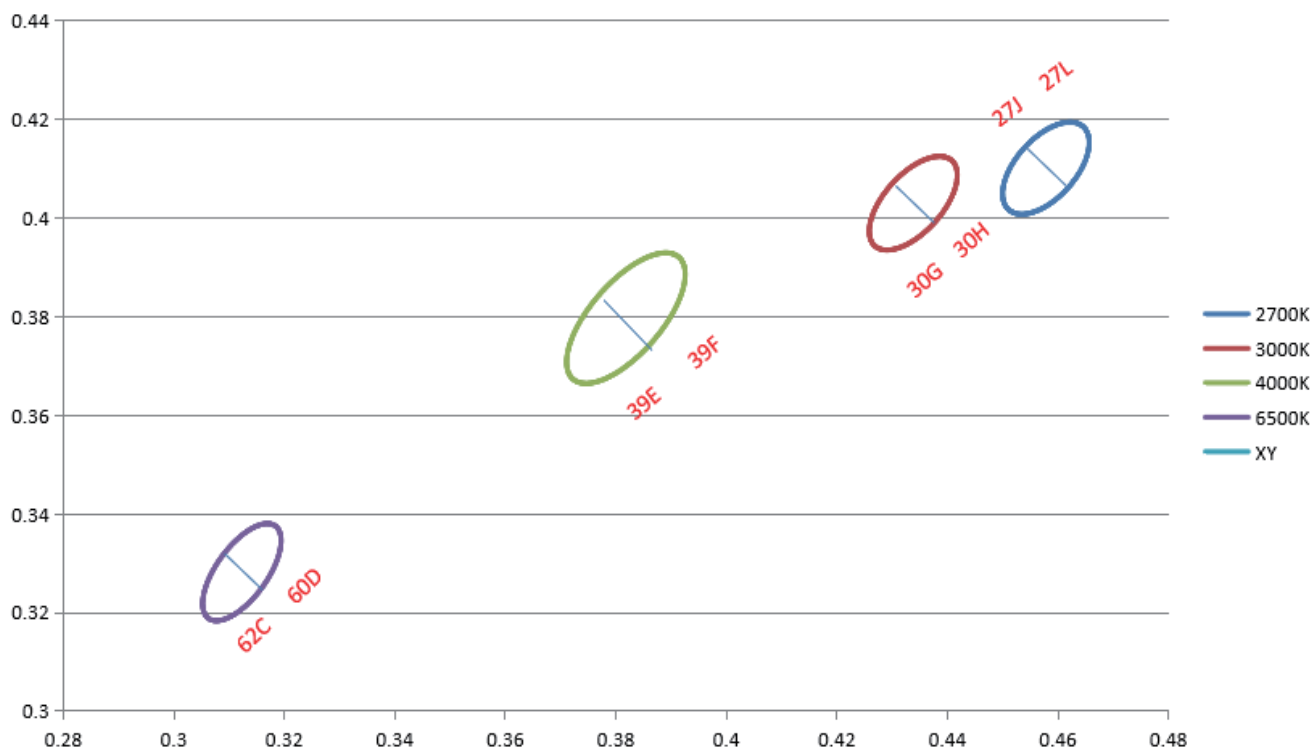


· AAI Figurestrip

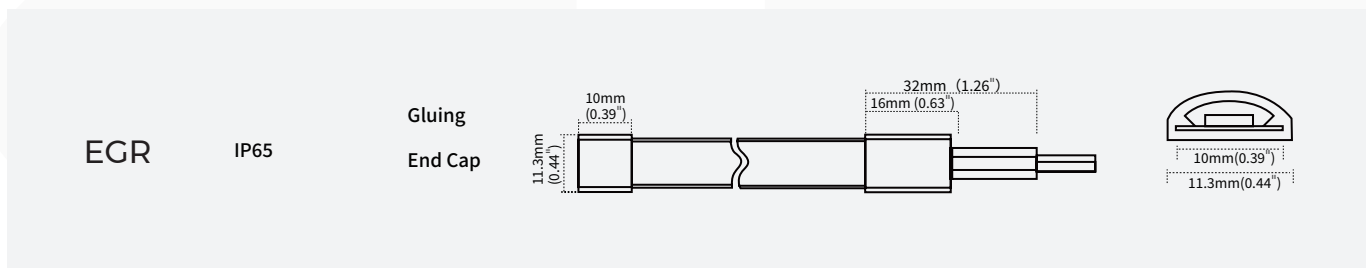
【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	EW	1600K	165	50	33	G
Ra>90	LW	2200K	295	90	59	G
Ra>90	SW	2700K	380	115	76	G
Ra>90	WW	3000K	435	132	87	G
Ra>90	NW	4000K	480	146	96	F


- 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 IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.



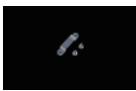


【IP process information】



【Electronic & output data】

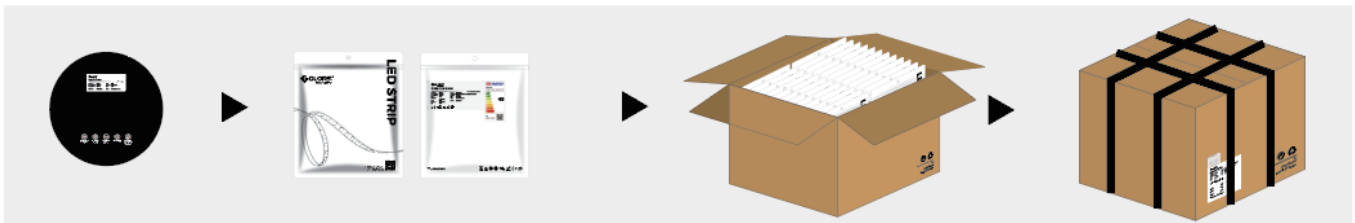
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
EGR		Milky white all-inclusive hollow arc extrusion	11.3mm*3.8mm	1600/2200/2700/3000/4000K	80%

【Accessories Information】

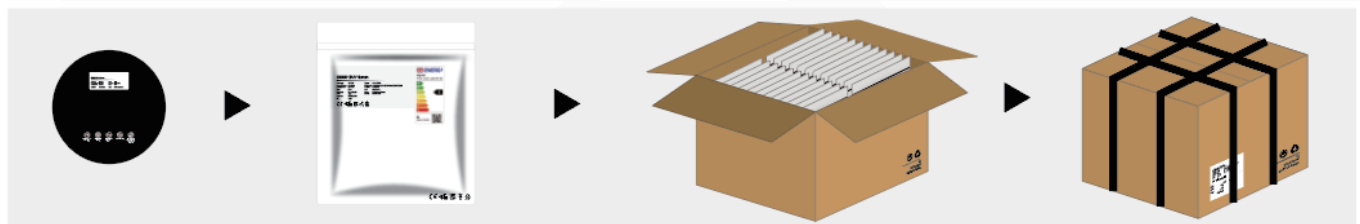
Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0003	FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip
Gas phase rubber plug		94-02-00-0040	DT10EG-A	Translucent gas phase adhesive plug, suitable for 10mm wide silicone extrusion eg lamp with plug
Gas phase gel plugging		94-02-00-0041	DW10EG-A	Translucent gas phase adhesive plug, suitable for 10mm wide silicone extrusion eg lamp with end plug

【Packing】

Colors brand package(NONA)



General customized package(ET)



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)
EGR	15000*11.3*3.8	5	200	0.557	22.28	25.62	41*41*26

Remark: data with 10% tolerance

【Precautions】

- Please drive the led strip with 48VDC 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.
- * When using dimmer and dimming power supplies like Triac, etc, conduct compatibility tests on the product, dimmers and power supplies to ensure full compatibility. If any issues arise, contact COLORS for technical support.