

PRO Series

Specification

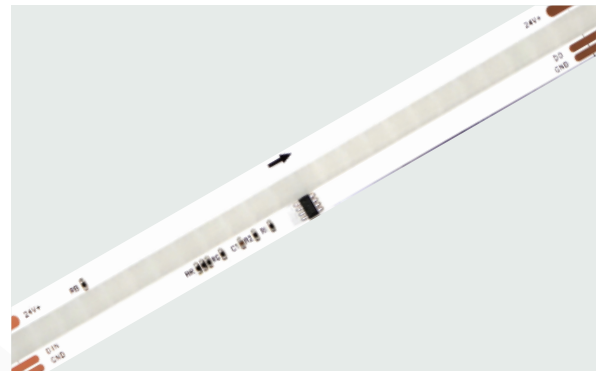
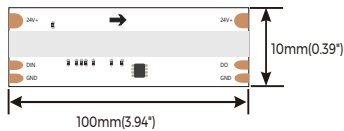
DPS4RGB

24V-10mm



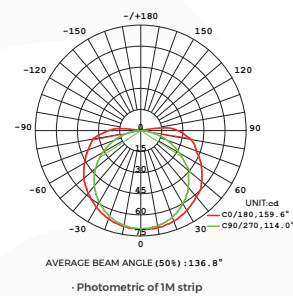
【General description】

- 10 Pixels/m, RGB water lamp belt
- Can be used with a simple controller
- Stronger Anti-bending Resistance
- Ta: -20~40° C; Tc=75° (max)



【Dimension】

Input voltage: DC24V	Max.length: 5000mm(16.4')
CRI: /	Cutting unit: 100mm(3.94")
Max.power: 13.2W(1m)	LED pitch: /
Power range: 10.8~13.2W(1m)	Min. bend diameter: Φ 60mm(2.36")
Rated current: 0.5A(1m)	Mounting: 3M tape
Typical Power: 12W(1m)	Copper foil: 2oz
tape IP: IP20/IP65	
On-off times: 10000 (test times)	
Warranty: 2years	



Flux Out: 209.3 lm

Height	Beam Dia	Angle: 136.80°	Diameter
1m	9.430, 76.270x		505.14cm
2m	2.407, 17.571x		1010.28cm
3m	1.076, 7.688x		1515.43cm
4m	0.6018, 4.3922x		2020.57cm
5m	0.3952, 2.9112x		2525.71cm
6m	0.2475, 1.9522x		3030.85cm
7m	0.1945, 1.4343x		3535.99cm
8m	0.1555, 1.0982x		4041.14cm
9m	0.1185, 0.85745x		4546.28cm
10m	0.0963, 0.70272x		5051.42cm

-AAI Figurestrip

【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
/	R	620-630nm	90	27	19	/
/	G	520-530nm	360	109	77	/
/	B	450-460nm	60	18	13	/
/	RGB	RGB	470	143	41	/

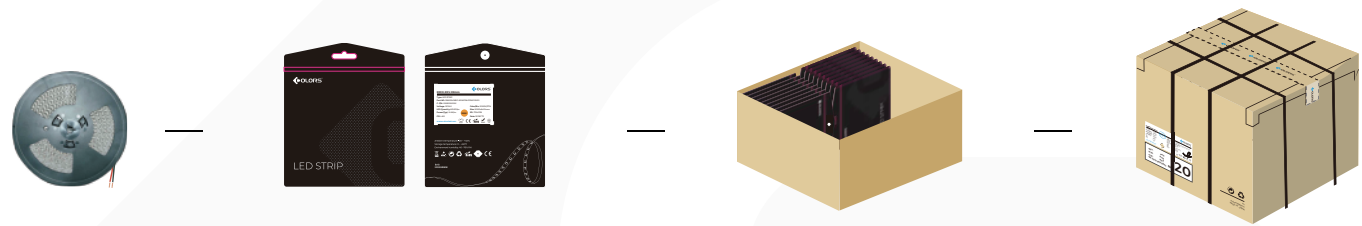
- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/Imeter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.
- 5.IC:WS2811F

【Electronic & output data】

IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.6mm	RGB	100%
NA		Nano-proof	10mm*1.6mm	RGB	98%

【Packing】

Colors brand package(NONA)



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*1.6	5	270	0.12	6.48	7.42	36.5*36.5*19
NA	5000*10*1.6	5	270	0.13	7.02	8.1	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: -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.