

DIGITAL Series Specification

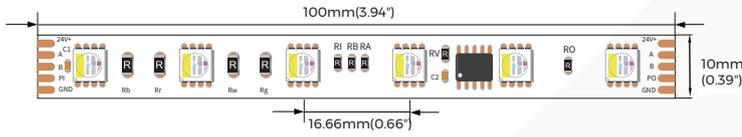
DM560RGBW

24V-10mm



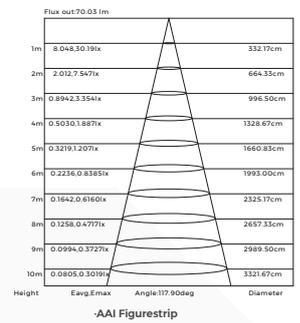
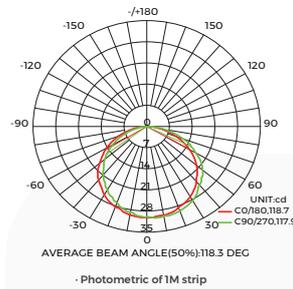
【General description】

- DMX512 RGBW strip, 10 pixels per meter, 65536 grey scale, IC model: UCS512C1L
- Same brightness from head end to tail end, no color change. Can be programming for various mode, with good anti-interference capacity
- Life longer than 36000H, Ta: -25~40°C; Tc: 75°C (max)
- UACK/CE/ROHS/REACH certification



【Dimension】

- Input voltage: DC24V
 CRI: /
 Max.power: 18W(1m)
 Power range: 14~18W(1m)
 Rated current: 0.67A(1m) 2.85A(5m)
 Typical Power: 16W(1m) 68.4W(5m)
 tape IP: IP20/IP65
 On-off times: 10000 (test times)
 Warranty: 3 years indoors / 2 years outdoors
- Max.length: 5000mm(16.4')
 Cutting unit: 6leds/100mm(3.94")
 LED pitch: 16.66mm(0.66")
 Min. bend diameter: Φ60mm(2.36")
 Mounting: 3M tape
 Copper foil: 3oz

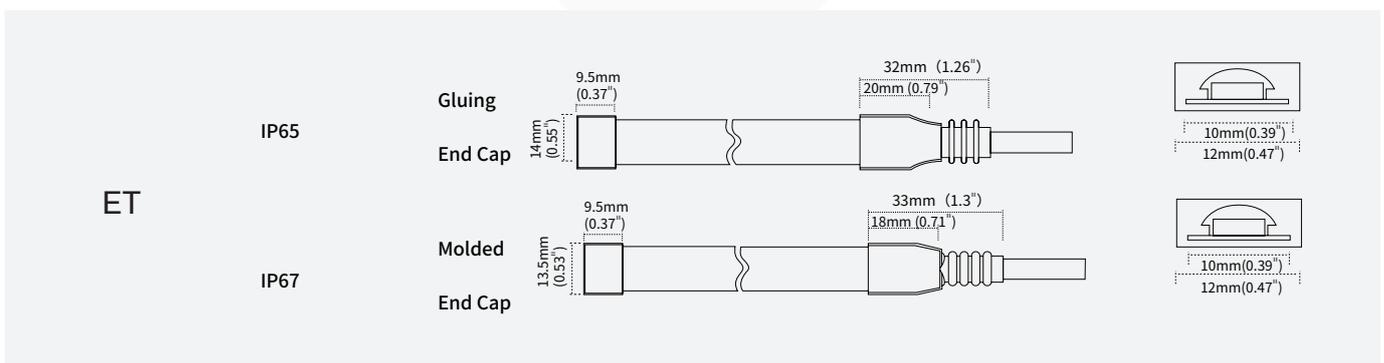


【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
/	R	R:620-625nm	85	25	/	/
/	G	G:520-525nm	235	71	/	/
/	B	B:455-460nm	65	19	/	/
/	W	6000K	290	88	49	/
/	RGBW	RGB+6000K	638	195	/	/

- 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/lm meter, 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】

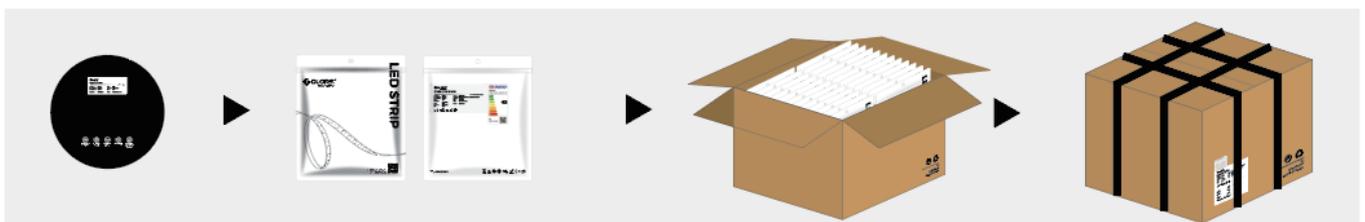
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*2.1mm	RGBW	100%
NA		Nano-proof	10mm*2.1mm	RGBW	98%
ET		Extrusion tube	12mm*4.8mm	RGBW	88%

【Accessories Information】

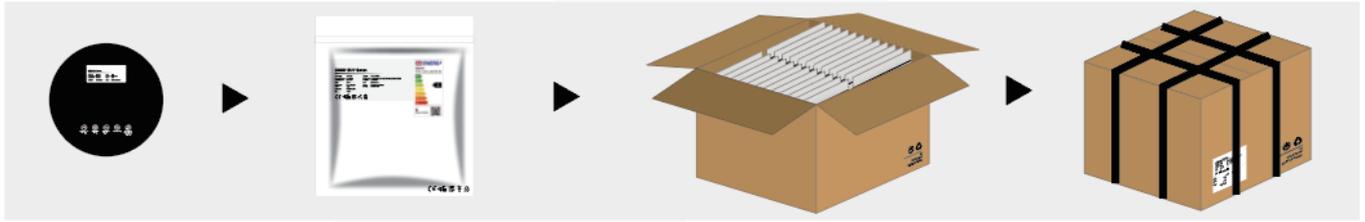
Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0003	FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip
Silicone Plug Kit		94-02-00-0046	DT10EA-A	Silicone plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip
Silicone stopper kit		94-02-00-0047	DW10EA-A	Silicone tail plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light 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
Connector for FPC and FPC		81-01-000002-000046	CBB510-NOTA	10MM-5P solder-free connector (board-to board)\ suitable for bare board 10mm width strip light
Connector for wire and FPC		81-01-000002-000047	CXB510-NOTA	10MM-5P solderless connector(wire to board)\ Compatible with 22AWG wire\22#(4A)\Applicable to bare board 10mm width lamp 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)
NO	5000*10*2.1	5	250	0.175	8.75	10.063	41*41*26
NA	5000*10*2.1	5	250	0.178	8.9	10.235	41*41*26
ET	5000*12*4.8	5	200	0.505	20.2	23.23	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.