

Specification

DC700-24V-10mm



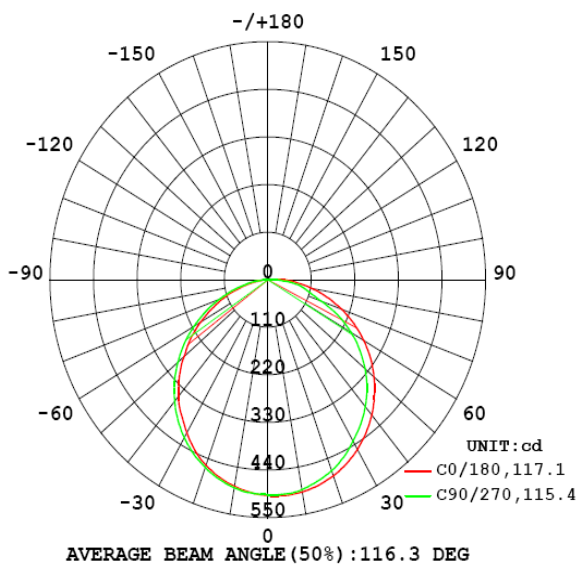
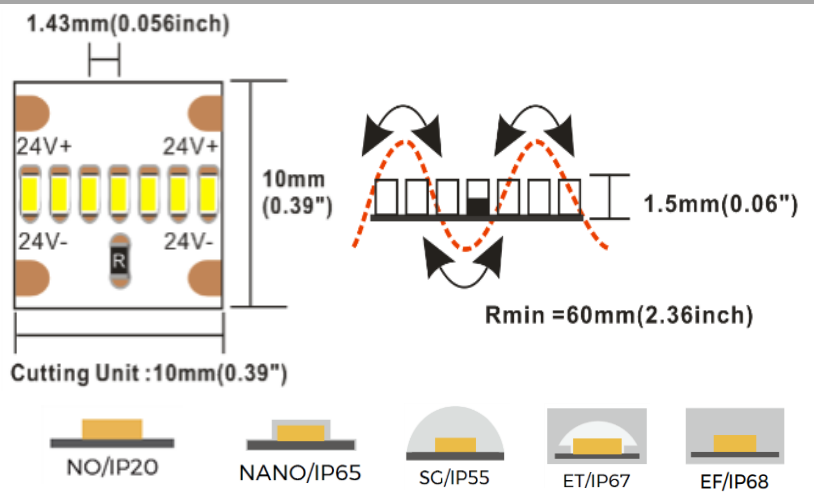
▼ General description

- Ultra high density, 700leds/m
- Linear emitting performance, no dots without diffuser
- Smallest size of led, high reliability, excellent anti-bending ability
- Ta: -25~40°C; Tc: 75°C (max)



▼ Dimension

- ※ Max.length: 5000mm
- Cutting unit: 7leds/10mm
- LED pitch: 1.43mm
- Min. bend diameter: Φ60mm
- Mounting: 3M tape
- IP: IP20/IP55/IP67/IP68
- ※ Warranty: 3years



Photometric of 1M strip




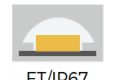

Height	Eavg, Emax	Angle: 115.26deg	Diameter
1m	137.9, 499.11x		315.54cm
2m	34.48, 124.81x		631.08cm
3m	15.32, 55.461x		946.63cm
4m	8.619, 31.201x		1262.17cm
5m	5.516, 19.971x		1577.71cm
6m	3.831, 13.871x		1893.25cm
7m	2.814, 10.191x		2208.80cm
8m	2.155, 7.7991x		2524.34cm
9m	1.703, 6.1621x		2839.88cm
10m	1.379, 4.9911x		3155.42cm

AAI Figure

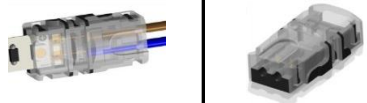

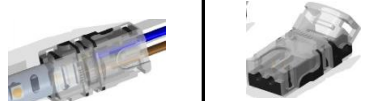




※ Max.length data is based on 10% voltage drop






※ Warranty is based on indoor use

▼ IP Process

IP Process	Picture	description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	10mm*1.5mm	2700K/3000K/4000K /5000K/6000K	100%
NA	 NANO/IP65	Nano-proof	10mm*1.6mm	2700K/3000K/4000K /5000K/6000K	98%
SG	 SG/IP55	Gel coating	10mm*2.8mm	3300K/3700K/5300K /8100K/12000K	90%
ET	 ET/IP67	Extrusion tube	12mm*4.8mm	2700K/3000K/4000K /5000K/6000K	88%
EF	 EF/IP68	Extrusion filling	12mm*4.7mm	3250K/3650K/5250K /7900K/11500K	86%

▼ Accessories Information

Name	Picture	Code	description
Connector for wire and FPC		94-03-00-0037	10mm width, 2PIN connector of wire and FPC,suitable for white color strip, NO/NA, 2PIN wire 18- 22AWG
Connector for FPC and FPC		94-42-621020004	10mm width, 2PIN connector of FPC and FPC,suitable for white color strip, NO/NA
Connector for wire and FPC		94-03-00-0045	10mm width, 2PIN connector of wire and FPC,suitable for white color and gel coating strip,SG, 2PIN wire 18- 22AWG
Connector for FPC and FPC		94-03-00-0049	10mm width, 2PIN connector of FPC and FPC,suitable for white color and gel coating strip, SG
Slim connector		94-03-00-0064	TSC-10-2, suitable for 10mm fpc to fpc connection , IP20, 2pin, 10pcs per bag
FPC with wire		94-03-00-0067	wire connection when using together with TSC-10-2,IP20,2PIN, 10PCS per bag
Fixed Clip		94-02-00-0003	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EH/EF/ET strip

Fixed Clip		94-02-00-0018	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 10mm FPC, NO/NA LED strip
Fixed Clip		94-02-00-0016	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 10mm FPC, SG LED strip
Silicone end cap set		94-02-00-0022	Silicone end cap set, including end cap and plug, suitable for 10mm FPC, EH/ET/EF silicone extrusion strip
Mounting groove		94-02-00-0025	Transparent PVC mounting groove, suitable for 10mm FPC, silicone extruded EF/ET strip
Stopper glue		94-16-03010001	Silicone gel, suitable for ST/ET/EH/EF/SF waterproof LED strip

▼ Order Code Formats

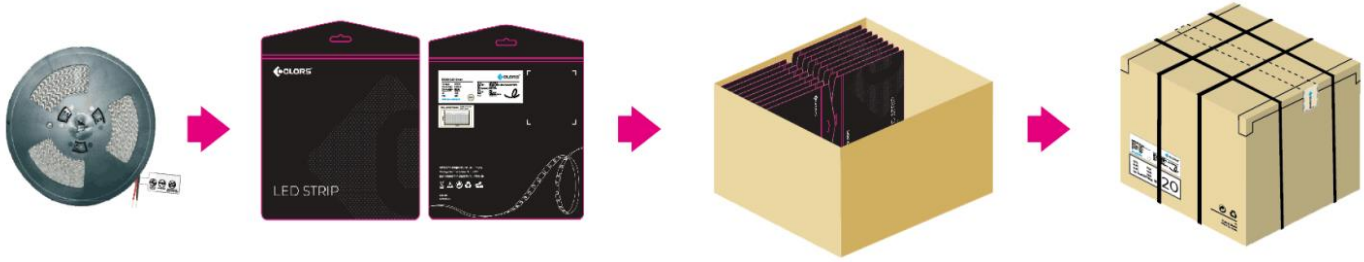
1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	C	2110	700	700 LED	24	24V	10	10mm	NO	NO	9	> 90	SW	2700K
										NA	NANO			WW	3000K
										SG	Gel coating			NW	4000K
										ET	Extrusion tube			DW	5000K
										EF	Extrusion filling			W	6000K
D	-	C		700		24		10		NO		9		SW	

9: Silk Printing		10: Entry cable		11: Wire type		12: Wire length		13: Tape type		14: Label Type		15: Strip Length	
N	Neutral	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0500	5m
C	COLORS	D	Doubel	B	SM-male wire	020	20cm	Y	Yellow 3M	S	Customized	5000	50m
S	Customized	X	Nothing	C	SM-female wire	050	50cm	R	Red tape			4000	40m
				X	Nothing	100	100cm	X	Nothing				
						0	Nothing						
N		S		A		012		W		C		0500	

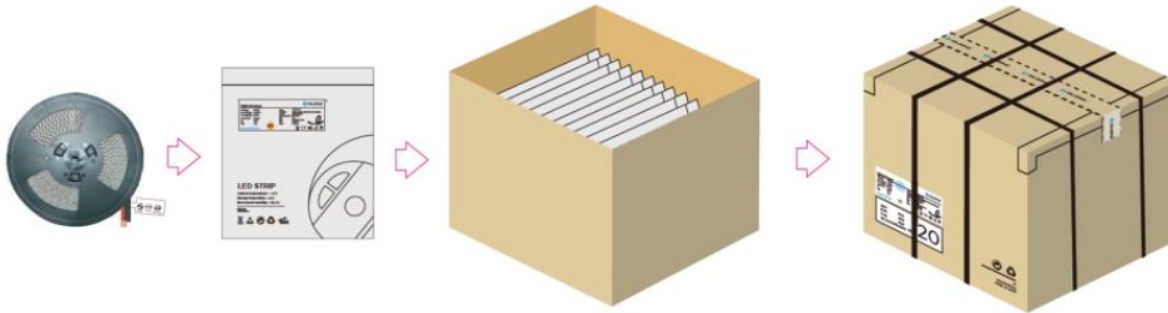
DC7002410NO-9SWNSA012WC0500

▼ Packing

Colors brand package



General customized package

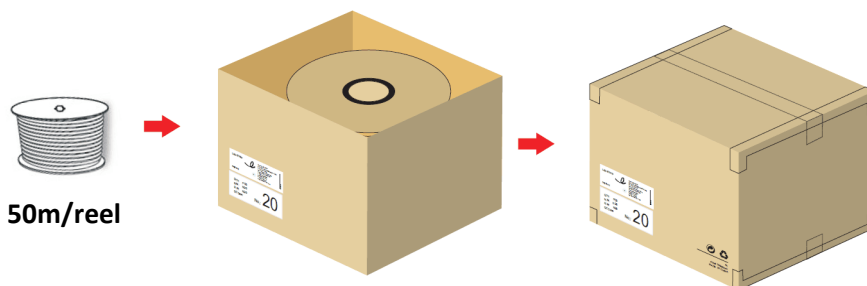


IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box (kg)	Gross weight (kg)	Package size (cm)
NO	5000*10*1.5	5	250	0.125	6.25	7.1875	41*41*26
NA	5000*10*1.6	5	250	0.128	6.4	7.36	41*41*26
SG	5000*10*2.8	5	250	0.216	10.8	12.42	41*41*26
ET	5000*12*4.8	5	200	0.475	19	21.85	41*41*26
EF	5000*12*4.7	5	200	0.542	21.68	24.932	41*41*26

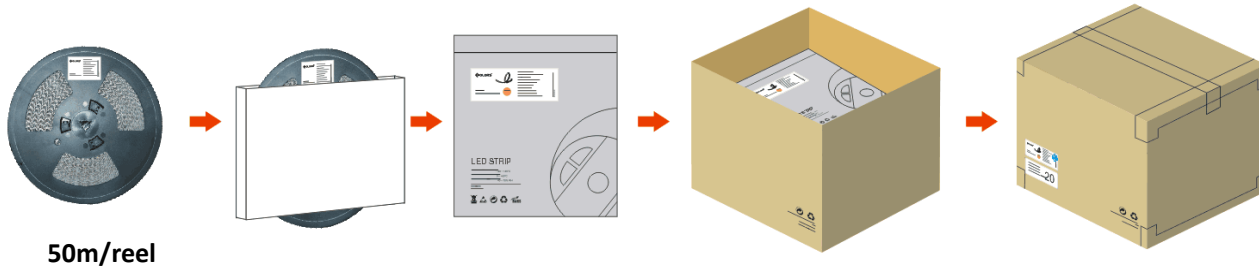
Remark: data with 10% tolerance

Engineering packaging of ET(IP67)/EF(IP67)

(free-soldering end caps with 40 cover per box could be ordered separately if needed)



Engineering packaging of NO(IP20)/NA(IP65).



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	50000*10*1.5	50	500	1.2	12.5	14.375	41*41*26
NA	50000*10*1.6	50	500	1.28	12.8	14.72	41*41*26
ET	50000*12*4.8	50	100	4.8	9.6	11.04	25.5*25.5*26
EF	50000*12*4.7	50	100	5.5	11	12.65	25.5*25.5*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°C~40°C.Storage temperature: 0°C~60°C.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).