

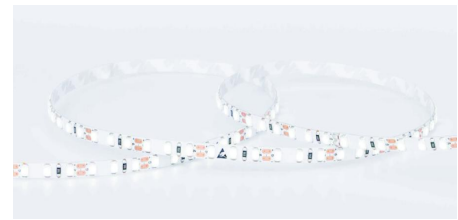
# Specification

Eco series-D3120



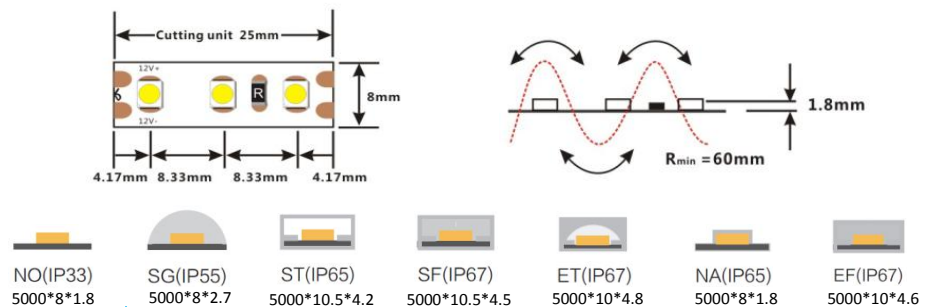
## General description

- ※Self-encapsulated design offers six optional 2300-6000K white lights and four optional R/G/B/Y colorful lights
- ※High quality FPC, high thermal 3M adhesive
- ※Ta: -25~40° C; Tc: 75° C (max)



## Dimensions

- Max.length:** 5000mm
- Cutting unit:** 25mm/6leds
- LED pitch:** 8.33mm
- Min. bend diameter:**  $\Phi$  60mm
- Mounting:** 3M tape
- IP:** IP33/55/65/67

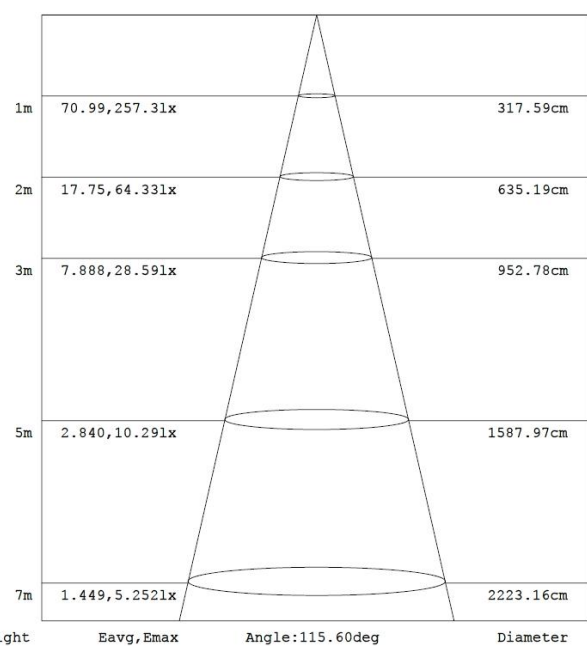
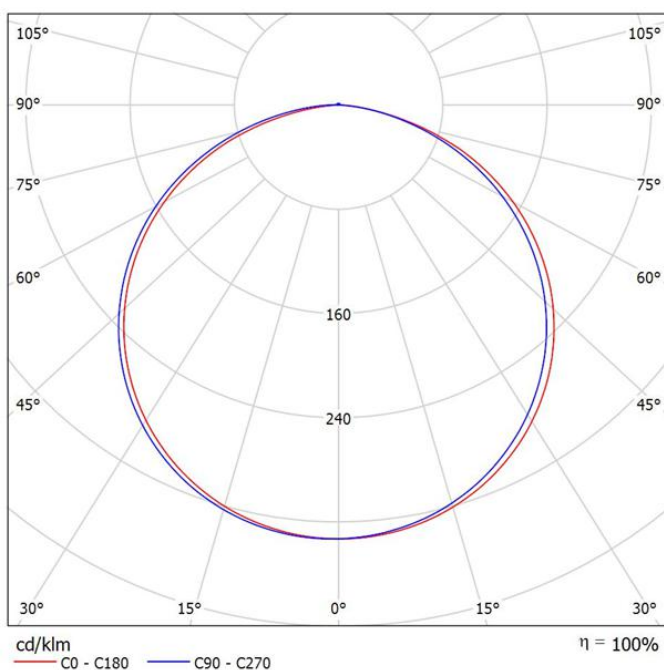


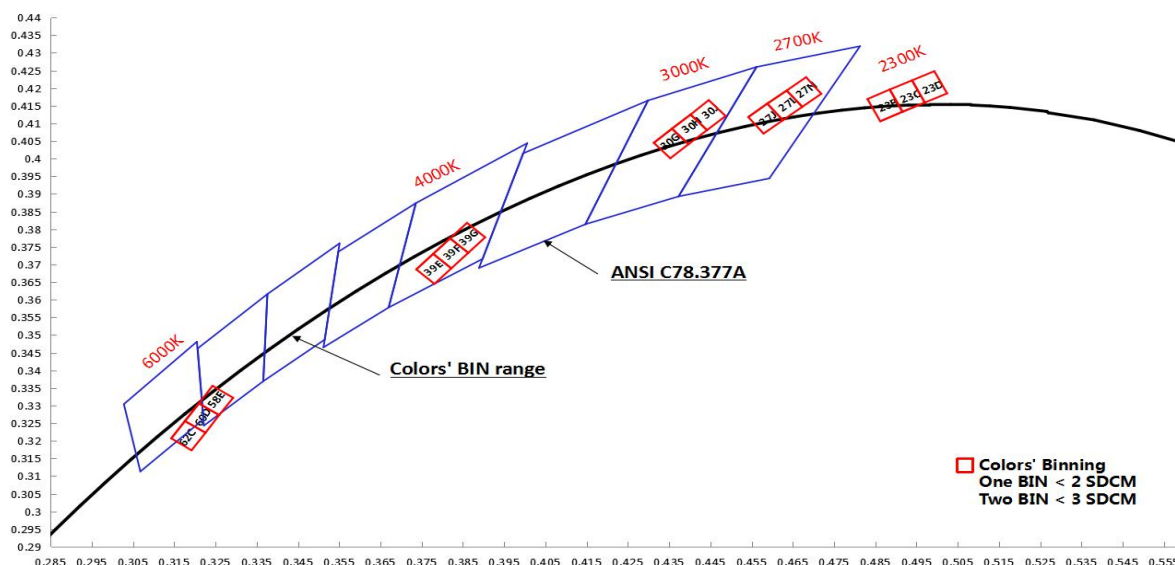
## Electronic & output data

- Input voltage:** 12VDC
- Rated current:** 0.7A(1meter) /2.41A(5meter)
- Typical Power:** 8.4W(1meter) /28.92W(5meter)
- Power range:** 7.7~9.1W
- Max.power:** 9.6W (If=20mA)
- CRI:** 80
- On-off times:** 10000 (test times)

Color	LW	SW	WW	NW	W	R/G/B/Y
<b>CCT</b>	2300K	2700K	3000K	4000K	6000K	/
<b>Lumen</b>	655lm	701lm	739lm	762lm	739lm	/
<b>Lm/W</b>	78	83	88	91	88	/
<b>Energy efficiency class</b>	A+	A+	A+	A+	A+	/

1.The tolerance of output data can be vary up to 10%  
 2.the output data tested according to IES LM-79-08  
 3.the output data is based on IP33/1merter  
 4.IP protection process leads changes to size, CCT and luminous flux



**BIN**

**Accessories Information**

Type	Name	Picture	Code	Color	protection technique	Remark
wire cable with connector	red and black cable		94.31.20201201 (head) /94.31.20201202 (tail)	red/black	NO/ST/SF/NA/SG	20AWG L=120mm
	Two core SM-male wire		94.34.20201501	red/black	NO	20AWG L=150mm
	Two core SM-female wire		94.34.20201502	red/black	NO	20AWG L=150mm
	Two core DC-male wire		94.35.20201501	black	NO/SG	20AWG L=150mm
	Two core DC-female wire		94.35.20201502	black	NO/SG	20AWG L=150mm
	Two core PVC-male wire		94.35.21201501	white	ST/SF/NA/SG	20AWG L=150mm
	Two core PVC-female wire		94.35.21201502	white	ST/SF/NA/SG	20AWG L=150mm
	Two core Lucid wire		94.32.20202001	transparent	ST/SF/NA/SG	20AWG L=200mm
	Two core Lucid-male wire		94.35.23201501	transparent	ST/SF/NA/SG	20AWG L=150mm
	Two core Lucid-female wire		94.35.23201502	transparent	ST/SF/NA/SG	20AWG L=150mm
	single pin,"-"shape wire connector		94.51.110000003	black	-	Wire Diamerer< 2.1mm
	single pin,"T"shape wire connector		94.51.110000005	black	-	Wire Diamerer< 2.1mm
	double pin,"-"shape wire connector		94.51.110000004	black	-	Wire Diamerer< 2.1mm
	double pin,"T"shape wire connector		94.51.110000006	black	-	Wire Diamerer< 2.1mm

	Split-box		94.51.11000001	-	-	-
	Quick wiring		94.51.11000002	-	-	-
	Solder free terminal		94.42.62080001	transparent	NO	-
	Solder free terminal		94.42.62080002	transparent	NO	-
	Solder free terminal		94.42.62080003	transparent	SG	-
	Solder free terminal		94.42.62080004	transparent	SG	-
	Solder free terminal		94.43.20080001	white	ET	-
	Solder free terminal		94.43.210815101	white	ET	-
	Solder free terminal		94.43.210815102	white	ET	-
Fixed parts	8mm Fixed clasp		94.19.00080001	transparent	ST/SF/SG	-
	8mm Tube clamps		94.19.01080004	transparent	NO	-
	8mm Tube clamps		94.19.01080003	transparent	SG	-
	8mm No silicone hole plug		94.18.01080001	transparent	ST/SF	-
	8mm Silicone single hole plug		94.18.01080002	transparent	ST/SF	-
	Stopper glue		94.16.03010001	-	ST/SF	-

## Order Code Formats

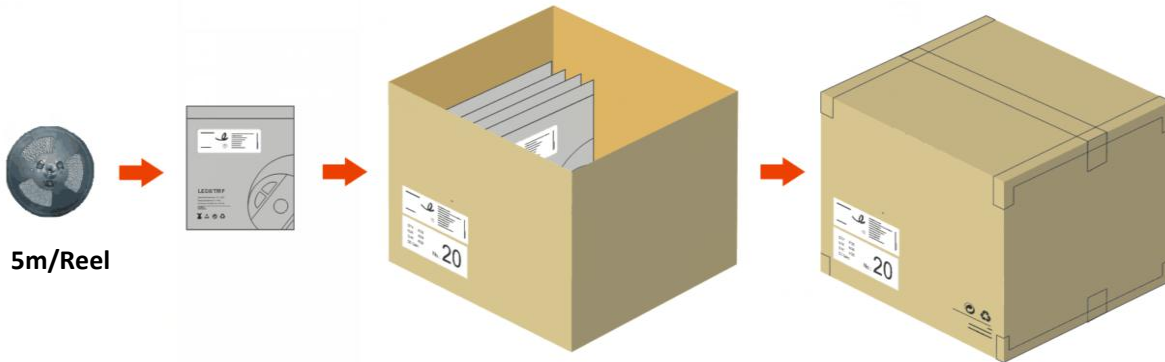
1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
D	-	3	3528	120	120 LED	12	12V	08	8mm	NO	NO	8	>80	LW	2300K
										SG	SILICONE GLUE			SW	2700K
										ST	SILICONE TUBE			WW	3000K
										SF	SILICONE FILLED			NW	4000K
										ET	Extrusion Tube			W	6000K
										EF	Extrusion FILLED				
										NA	NANO				

9:Silk Printing		10: Entry cable		11:Wire type		12:Wire length		13:Tape type		14:Label Type		15: Strip Length	
C	COLORS	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0050	0.5m
S	customized	D	doubel	B	SM-male wire	020	20cm	Y	Yellow 3M	S	customized	0100	1m
N	Neutral	X	Nothing	C	SM-female wire	050	50cm	R	Red tape			0200	2m
				X	Nothing	100	100cm	X	Nothing			0500	5m
						000	Nothing					5000	50m

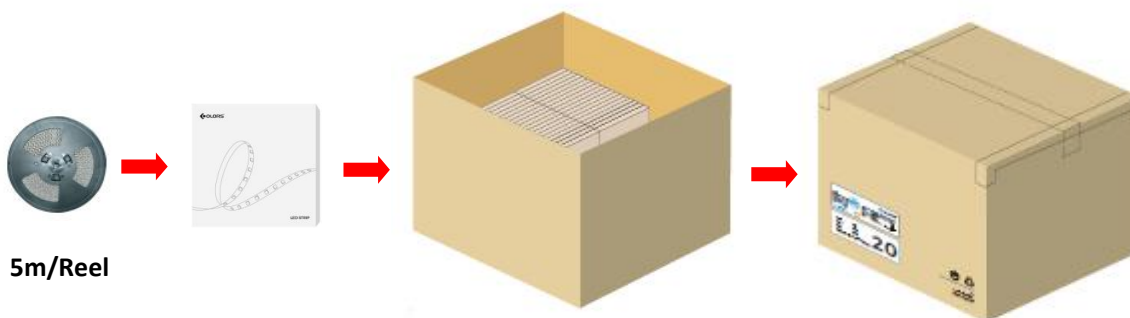
**D31201208NO-8NWCD A012WC0500**

## Packing

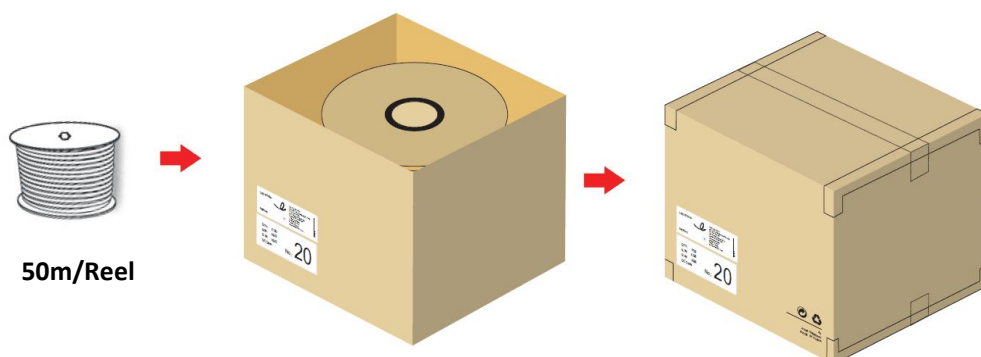
1. Non- brand of NO(IP33)/SG(IP55)/ST(IP65)/SF(IP67)/ET(IP67)/EF(IP67C)/NA(IP65).



2. Brand of NO(IP33)/SG(IP55)/ST(IP65)/SF(IP67)/ET(IP67)/EF(IP67C)/NA(IP65).



3. Engineering packaging of ET(IP67).(free-soldering end caps with 40 cover per box could be ordered separately if needed)



#### 4. Engineering packaging of NO(IP33).



### Disclaimer

- ※ Please drive the led strip with 12VDC 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:  $-20\text{ }^{\circ}\text{C} \sim +40\text{ }^{\circ}\text{C}$ . Storage temperature:  $-0\text{ }^{\circ}\text{C} \sim +60\text{ }^{\circ}\text{C}$ . 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).

