

# Specification

D560RGBW-24V-12mm



## ▼ General description

- RGBW colorful strip
- Widely adaptable to all types of controllers, Self-encapsulated design
- High quality FPC, high thermal 3M adhesive
- Ta: -25~40°C; Tc: 75°C (max)



## ▼ Dimension

※Max.length: 5000mm

Cutting unit: 6leds/100mm

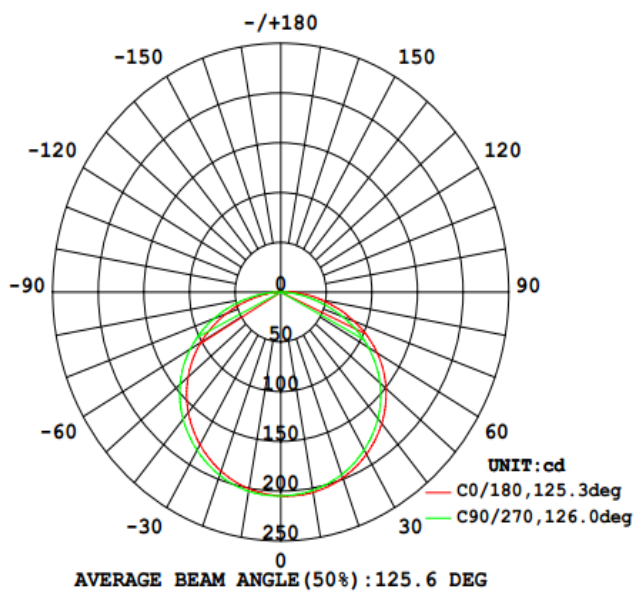
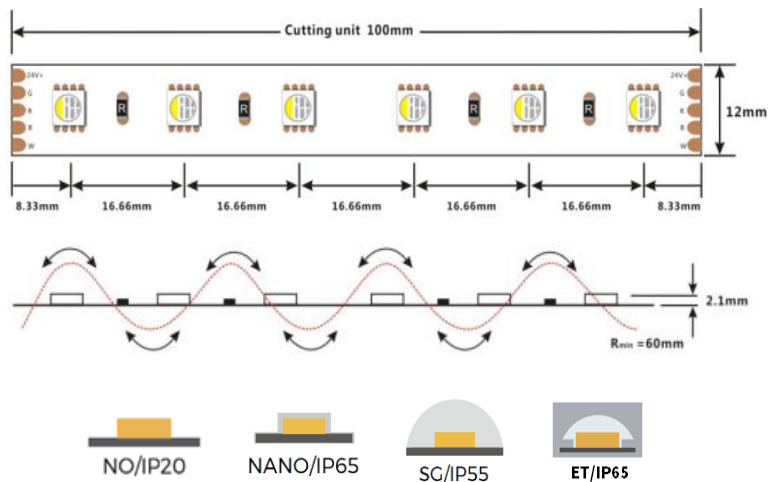
LED pitch: 16.66mm

Min. bend diameter: Φ60mm

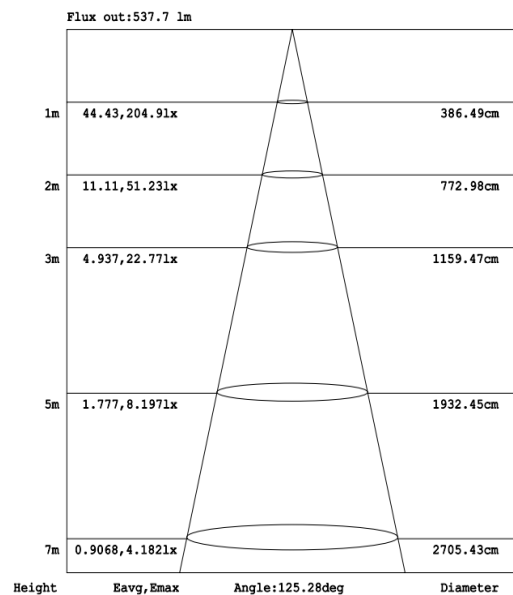
Mounting: 3M tape

IP: IP20/IP65/IP55

※Warranty: 5years



Photometric of 1M strip









AAI Figure

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

※Warranty is based on indoor use



Fixed Clip		94-02-00-0019	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 12mm FPC,NO/NA LED strip
Silicone clip		94-02-00-0004	Silicone clip, screw: PA 3*8mm, suitable for 12mmFPC, ET strip
Silicone end cap set		94-02-00-0023	including end cap and plug,suitable for 12mm FPC,EH/ET/EF silicone extrusion strip
Mounting clip		94-02-00-0026	Transparent PVC mounting groove size:1000*16.2*9.5mm,suitable for 12mm FPC silicone extruded ET/EF strip
Stopper glue		94-16-03010001	Silicone gel,suitable for ST/ET/EH/EF/SF waterproof LED strip
RGBW set		23-01-00-0047	M4+M4-5A Input voltage: 12-24VDC Maximum loaded current: 5A*4CH Max 20A Maximum loaded power : 240W/480W (12V/24V)

## ▼ Order Code Formats

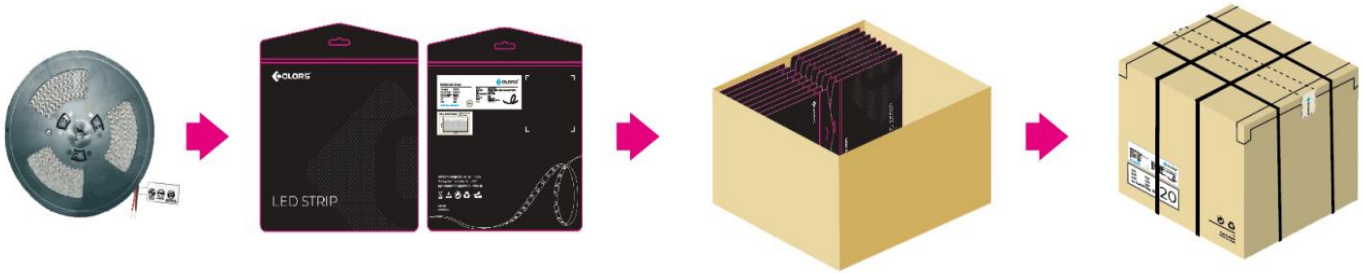
1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	5	5050	60	60 LED	24	24V	12	12mm	NO	NO	0	0	RGBW	RGBW
										NA	NANO				
										SG	Gel coating				
										ET	Extrusion tube				
D	-	5		60		24		12		NO		0		RGBW	

9: Silk Printing		10: Entery cable		11: Wire type		2: Wire lengtl		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		
S	Customized	X	Nothing	C	SM-female wire	050	50cm	R	Red tape				
				X	Nothing	100	100cm	X	Nothing				
						0	Nothing						
N		S		A		012		W		C		0500	

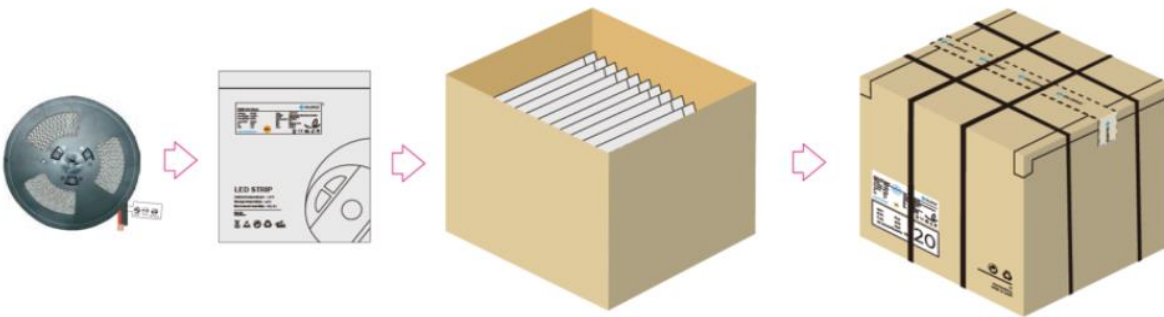
D5602412NO-0RGBWNSA012WC0500

## ▼ Packing

### Colors brand package



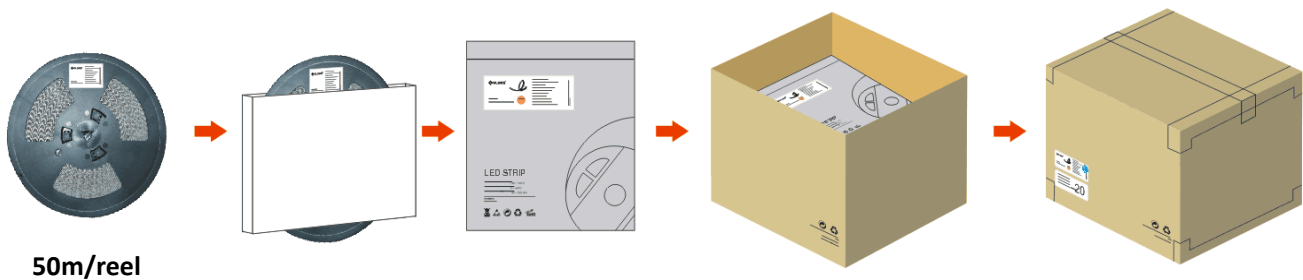
### General customized package



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*12*2.1	5	250	0.147	7.35	8.453	41*41*26
NA	5000*12*2.1	5	250	0.15	7.5	8.625	41*41*26
SG	5000*12*2.1	5	250	0.248	12.4	14.26	41*41*26
ET	5000*14*4.8	5	150	0.587	17.61	20.252	41*41*26

Remark: data with 10% tolerance

### 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*12*2.1	50	500	1.47	14.7	16.905	41*41*26
NA	50000*12*2.1	50	500	1.5	15	17.25	41*41*26

Remark: data with 10% tolerance

## ▼ Precautions

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- ※ 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).