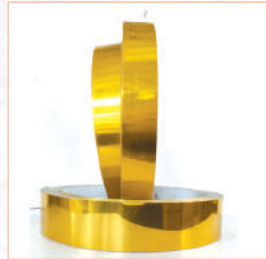
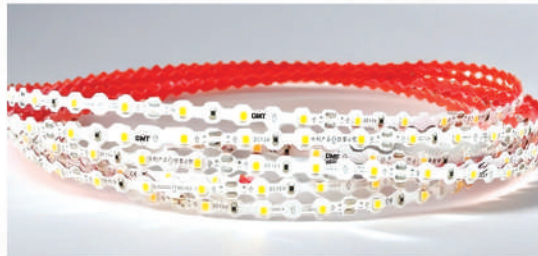




CHANLONG MANUFACTURING AND TRADING PVT LTD



SIGNAGE MATERIALS



**ONE STOP  
SIGNAGE SOLUTION**



materials @chanlong.co.in 

www.chanlong.co.in 

+91 73977 25511 

## About CMT

Chanlong Manufacturing & Trading Co., Ltd.(CMT) is a multinational company headquartered in the technology hub of China, Shenzhen. Established in 2017 in Chennai, India. CMT is located in Poonamallee, Chennai, occupying a space of 30,000 square feet.

CMT is the first company to introduce the latest global technology in super signage hardening equipment manufacturing and liquid acrylic production. We are dedicated to promoting the wide spread adoption of new industry standards and offer free training in equipment operation, process flow, and production techniques to our peers nationwide to improve customer productivity and increase their recognition and competitiveness in the industry.

Over the past seven years, CMT has focused on popularizing advanced Curing Machines, Channel Bending machines, CNC Router, Laser Cutting Machines, Ultra-Fast Welding machines and 3D printers. We were the first to widely use LED Strip lights on well-known brand luminous products. Our management strictly follows production ethical principles.

In our production units, we use high-tech equipment and have a team of manual experts for assembly.

Our goal is to provide our customers with excellent products and services for mutual benefit.





## LED STRIPS



### C6142T



Dimensions	Volt	Watt/m	Luminous	Color Temp
1000mm x 6.8mm	12 Volt	10.08w/m	24-26LM	12000K

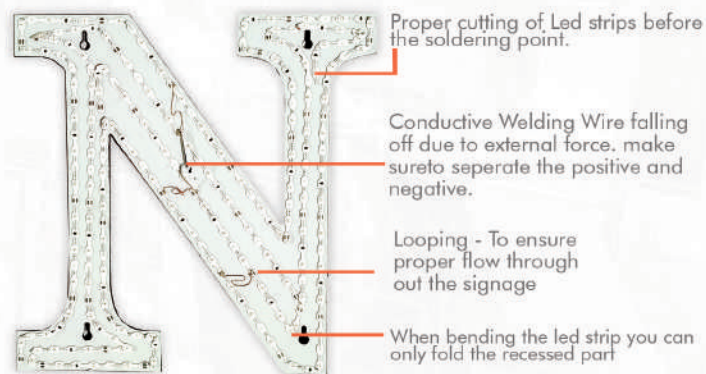


2835- 42 LED per meter / 6.8mm Thick -Waterproof

### Advantages

Flexible  
Efficient  
Super Bright

Brighten Up Your Signage with Brilliance  
Illuminate every moment with our vibrant LED strips –  
the perfect fusion of color and ambiance.



■ Applications : Super Signage | Trimless | Trimcap | SS Letters

## LED STRIPS

### C5028T



5050- 28 LED per meter / 6.8mm  
Thick -Waterproof IP-67

Flexible | Efficient | Super Bright

Dimensions	Volt	Watt/m	Luminous	Color Temp
1000mm x 8.6mm	12 Volt	15.6w/m	50-60LM	12000K

### C7230T



2835- 30 LED per meter / 6.8mm  
Thick -Waterproof IP-67

Flexible | Efficient | Super Bright

Dimensions	Volt	Watt/m	Luminous	Color Temp
1000mm x 6.8mm	12 Volt	7.2w/m	13-15LM	12000K

## LED STRIPS

### C754T



2835- 54 LED per meter / 6.8mm  
Thick -Waterproof IP-67

Flexible | Efficient | Super Bright

Dimensions	Volt	Watt/m	Luminous	Color Temp
1000mm x 6.8mm	12 Volt	9w/m	15-18LM	10000K

### C760T



2835- 60 LED per meter / 6.8mm  
Thick -Waterproof IP-67

Flexible | Efficient | Super Bright

Dimensions	Volt	Watt/m	Luminous	Color Temp
1000mm x 6.8mm	12 Volt	6.48w/m	13-15LM	10000K



# LED STRIPS

## Features

### 1) Super Bright

Specially designed for India market with bigger led chip 5050 smd, brightness will be 2 -3 times brighter as compare to other led strip in market.

### 2) Long Lifetime

Led strip life is up to 80000 hrs, can be used for up to 10 years. with one led cut, failure of one single led does not effect on whole signage glow.

### 3) Rain Proof

The LED strip are rain proof IP 67, normal rain water will not make any damage.

### 4) Looping

Every 2 meters power supply for uniform light distribution throughout the signage

### 5) High Ductility

The LED flexible light strip uses a very soft FPC as the substrate, which can be bent without breaking, easy to use, suitable for various advertising signs, especially for small letters.

### 6) Easy Assembly

The LED flexible light strip is very easy to use (light/thin), fixing with double-sided tape, no need for professionals, fresher also can learn easily.

### 7) Affordable

Reasonable price with better quality.



IP67 Rainproof



ZigZag



## LED Manufacturing Factory



# Aluminum Rolls

Flat



Trimless



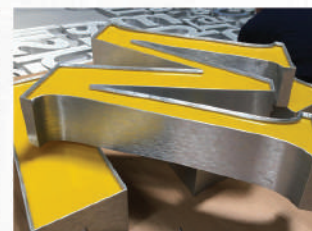
Trimcap



Type	Height	Length	Colors	Thickness
Flat Rolls	40mm / 60mm 80mm	100 meter	White , Black, Red, Green, Blue, Yellow, Orange, Silver brush, Gold Brush, Silver matt, Silver Grey, Rose gold Brush	0.6 mm & 0.8mm
Trimless Rolls	40mm / 60mm 80mm	100 meter	Black, Red, S. brush, S.mirror, G. Brush, Silver matt, Silver Grey, G.mirror	0.6 mm
Trimcap Rolls	60mm / 80mm	50 meter	White , Black, Red, Silver brush, Gold Brush,	0.6 mm

## Applications

Aluminium Channel Letter rolls/coils are used for making side wall of channel letters, these rolls are coated with anodised scratchless paint with 0.6/0.8 mm thickness. These rolls can be used to make any shapes and any fonts on channel letter bending machines.



## "Premium Aluminium Rolls"

Crafting Excellence, One Roll at a Time – Discover the Power of Our



## CB Series

# "CB - Economic Series"

Bright Ideas, Powerful Solutions: Light Up Your World with Our Advanced

## Advantages

## Specifications

Model	Input Voltage	Output Voltage	Output Current	Output Power
CB	180V - 260V	12V	33.3A	400W

Over Load Protection  
Short Circuit Protection  
Over Voltage Protection  
Rainproof Aluminium Case



### Efficient Power Distribution:

At the heart of every LED lighting setup lies the need for efficient power distribution. The LED power supply serves as the conductor of electricity, transforming standard AC power into the precise DC power required by LEDs. Its design ensures a smooth and reliable flow of power, minimizing energy loss and contributing to the overall efficiency of the LED lighting system.

### Energy Efficiency and Sustainability:

The environmental impact of LED lighting is closely tied to the efficiency of the power supply. High-quality LED power supplies contribute to the overall energy efficiency of the system, reducing electricity consumption and lowering carbon footprints. This commitment to sustainability aligns with the broader global push for greener and more eco-friendly technologies.

### Reliability and Longevity:

LED power supplies play a crucial role in the reliability and longevity of LED lighting systems. Their design includes protective features such as over-voltage and over-current protection, safeguarding LEDs from potential damage. Choosing a durable and well-engineered power supply ensures the longevity of the entire lighting installation.



## MA Series

# "MA - Premium Series"

Bright Ideas, Powerful Solutions: Light Up Your World with Our Advanced

### Specifications

Model	Input Voltage	Output Voltage	Output Current	Output Power
MA	180V - 260V	12V	5A - 33.3A	60W-400W

### Advantages

High Quality Aluminum  
Rainproof  
Triple Protection



#### Efficient Power Distribution:

At the heart of every LED lighting setup lies the need for efficient power distribution. The LED power supply serves as the conductor of electricity, transforming standard AC power into the precise DC power required by LEDs. Its design ensures a smooth and reliable flow of power, minimizing energy loss and contributing to the overall efficiency of the LED lighting system.

#### Precision in Voltage and Current:

LEDs operate within specific voltage and current parameters. The LED power supply acts as a translator, delivering the precise electrical characteristics needed for optimal LED performance. This precision is crucial for preventing voltage fluctuations that could damage LEDs and ensuring consistent, flicker-free illumination.

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# LIQUID ACRYLIC



## “Transcend Traditional, Ignite Innovation”

Super Signage technology introduced by China, and also known as liquid acrylic signage, which is the latest signage technology, gives more attraction, Easy to maintain & long life. Because of its own advantages many big brands have begun to use of super signage. We promote super signage technology, Globalized service, small investment, fast income.

Liquid Acrylic 20 ltr can



Color Options



Applications



# "CNC Router Bits"

Precision Crafting Unleashed: The Artistry of



**CNC Router Bit 1mm Knife**

Acrylic sheet - 3mm



**CNC Router Bit 3.17mm Knife**

ACP, Foam, Acrylic upto 22mm



**CNC Router Bit 1.2mm Knife**

Acrylic sheet - 3mm  
Better thickness



**CNC Router Bit 6\*17/6\*22mm Knife**

ACP, Foam, Acrylic 5mm-22mm



**CNC Router Bit 1.5mm Knife**

Foam upto 12mm



**Mini Signage Tapper Cutting**

Acrylic upto 20mm



**CNC Router Bit 2mm Knife**

Foam upto 12mm

## High-Quality Cutting Tools Exclusive Cutting Solution

CNC routers stand as technological marvels, and at the forefront of their cutting prowess are CNC router bits. These small but mighty tools are the artisans behind intricate carvings, flawless contours, and precise cuts on materials ranging from foam and Acrylic to ACP and composites



# "Combination Tools"

Precision Crafting Unleashed



## Waterhole Gun

The process of making holes in aluminum often involves the use of standard tools such as drills or specialized drilling machines equipped with appropriate drill bits designed for metalworking "waterhole gun" used for making holes in aluminum



## SS Waterhole Gun

The process of making holes in SS often involves the use of standard tools such as drills or specialized drilling machines equipped with appropriate drill bits designed for metalworking "waterhole gun" used for making holes in SS



## Glue Gun

Glue guns offer precision adhesion, allowing users to apply glue exactly where it's needed. It glues the ACP of the SignageMore adhesive purpose



## Glue Sticks

Glue sticks are user-friendly, allowing for precise and controlled application without the need for additional tools. Quick drying time means that projects can be completed efficiently, saving time in comparison to some liquid adhesives



## ACP Stopper

Hold the ACP with the Aluminum or SS bend helpful to put silicon on the ACP. Mainly used for Small Size letters



## Soldering Machine

Look for a soldering machine that is user-friendly and comfortable to handle, especially for prolonged use. A durable and well-built soldering machine ensures longevity and consistent performance over time.



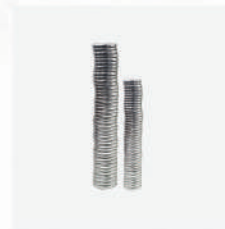
## Wire

This wire is used to take the line Out from LED strip, it's of high quality and can withstand power fluctuation to a certain point. LED lighting setup lies the need for efficient power distribution. LED connecting wires serve as conduits for electricity, ensuring a smooth and reliable flow of power to individual LED units.



## Soldering Wire

Soldering wire is the linchpin in electronic assembly, connecting components on circuit boards with precision. A durable soldering wire withstands the rigors of the soldering process, providing consistent performance without breaking or causing interruptions in your work.



## Magnets

Magnets are use in making Super signages, After the bending process all the rolls can fixed in the firm cutting and iron plate are place side to rollsto avoid any unshape. Magnets are use to avoide these unshape

## LED Approved Clients



PEGATRON

vivo

oppo



PEORA



GO COLORS!





# Customer LED Training



## LED Strip Operating Instructions



When bending the light strip, you can only fold the recessed part, and do not fold it in half close to the lamp bead, otherwise the circuit will be damaged. If you need to fold it in half, keep the bent part 3mm away from the lamp bead



There is no need to apply glue again as long as the bottom plate of the character case is clean and water does not enter. It is prohibited to use acidic glass glue, 502 glue, etc. to fix the light strip to avoid damage by corrosive gases.



Weld the make-up wire and the main line. It is recommended that the light strip is connected to the circuit from end to end, and the welding gun cannot stay on the pad for more than 3 seconds. The positive and negative supplementary wires need to be welded staggered to avoid short circuiting the light strip due to irregular welding wires. Select the appropriate main wire to weld on the supplementary wire.



In order to prevent the welding wire from falling off due to external force pulling on the main wire, be sure to knot the positive and negative wires separately and clamp them in the outlet hole, and then use hot melt glue to fix the knotted part



# Customer Glue Training



A Glimpse of Introduction | Problem solving | Clarifying  
the customers doubts | Design and Corel draw training |  
Super Signage explanation | Glimpse of factory | Partical session |  
Machine practical training | LED strip sticking | Machines Clarification |  
Production training | Material training | Customer's demo for Glue training

## Applications

