Art Experience by LED Linear Lighting

Neon Flex LED Strip Specification

LL-C1616T RGBW

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Introduction

LL-C1616T is the most typical top bending neon flex strip. With the smooth and flat light surface It creates superior homogen**eous** light distribution all along its complete length. Various monochromatic lighting and color changing options.

Applications:

Neon flex led strip is a very good options for lighting designers and installers.

1,Countour or Border lighting for Outdoor and Indoor
2,Decorative Lighting and Architectural Outline.
3,Accent or Cove Lighting
4,Facade or Floor lighting
5,Horizontal Guid and Signage Lighting
6,Yartch and Luxury Cruise

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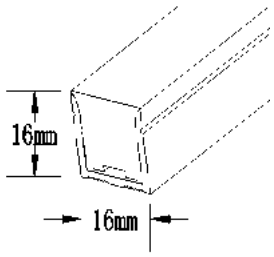
1. Specifications & Parameters

1.1 Light Dimensions



Note: Unless otherwise stated, the tolerance of the light is ±0.3mm.

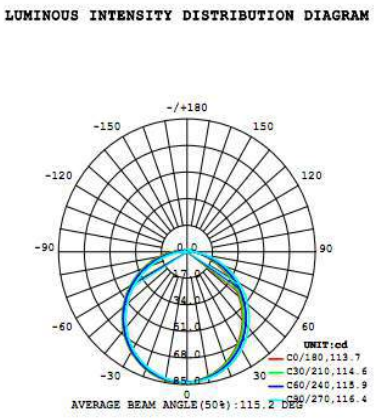
1.2 Technical Parameters

Technical Parameters			
Article No.	LL-C1616T	LL-C1616T-RGBW	LL-C1616T-RGBW-PX
Color	White(2700K/3000K/4000K//6000k)	RGBW	RGBW DMX
Working Voltage	DC24V	DC24V	DC24V
Rated Power/m	12W	14.4W	14.4W
LED Qty/m	140	72 1 pixel per meter	72 12pixels per meter
Continuous Length	5m	5m	5m
Storage Temperature	-20 ~ 80℃	-20 ~ 80℃	-20 ~ 80℃
Environmental Working Temperature	-20 ~ 45℃	-20 ~ 45℃	-20 ~ 45℃
IP Rating	IP66	IP66	IP66
IK Rating	N/A	N/A	N/A

1.3 Optiical Parameters

Photometric Data

Article No.	LL-C1616T	
LED Type	SMD 2835	
Beam angle	120°	
CRI	>80	>90 available
Color	CCT	Lumen/m
Red	2330±100K	> 600 lm
Green	2700±105K	> 600 lm
Blue	3000±200K	> 650 lm
	4000±250K	> 670 lm
	6000±500K	> 680 lm
IES file	Available	
MacADAM	3 step	



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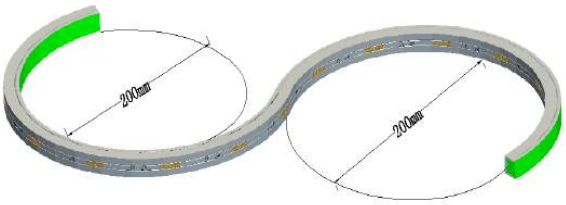
2. Functions & Features

2.1 Features of the light

1. High quality and high brightness SMD LED chip.
2. Visible cutting marks at the PCB for accurate length of the light strip
3. Variety of monochromatic lights for option including Red, Green, Blue, Amber and White light(2200K to 6500K).
4. UV & flame resistant construction by special developped Silicon materials and other ingredients.
5. High IP66 protection by Silicon completely encapsultation and injection technology.
6. High color consistency&smooth illumination with invisible light dots.
7. Flexible with 200mm minimum bending diameter.
8. Easy installation and assembly with DIY accessories for joining and terminating.
9. Flat profile, good choice for recessed mounting.
10. The product IP rate is ultimately in line with properly applied IP rated connectors.
11. Continuous length up to 10m (R, A)/ 10m (G, B, W) by powering both ends.
12. Environmentally friendly & energy efficient.
13. Automated production, high reliability & long warranty of 3-5 years.
14. 5 years life span (Do not continuously operate over 8 hours per day).

2.2 Minimum Bend Diameter

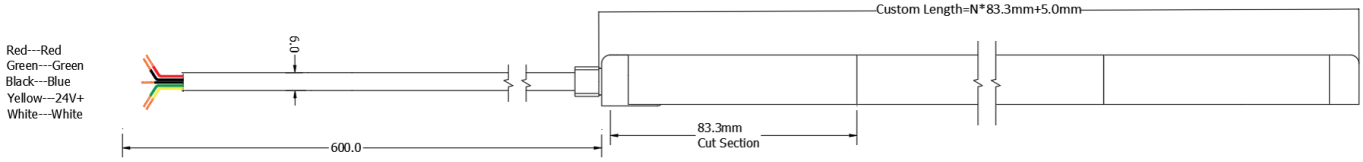


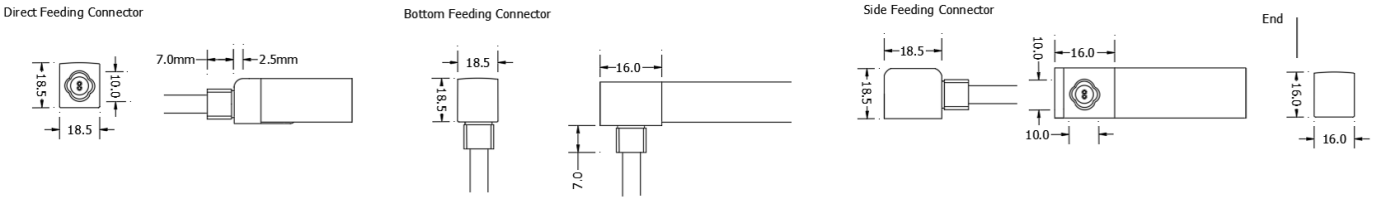
Light Surface

The light can only be bent laterally (opposite bend along to light surface).

Do not bend smaller than allowed minimum bend diameter.

2.3 Minimum Cut Length





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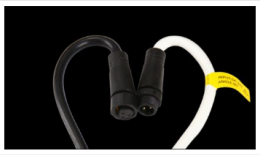
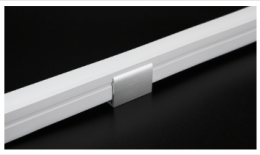
3.2 Accessories

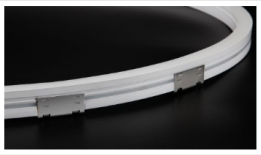


Connectors



Aluminum Bracket

Aluminum Profile

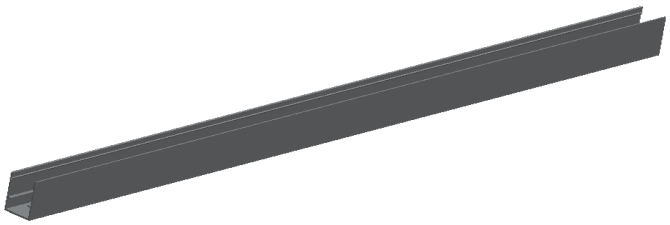


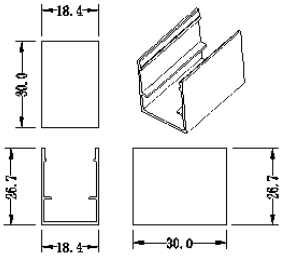
Stainless Steel Bracket

Stainless steel track

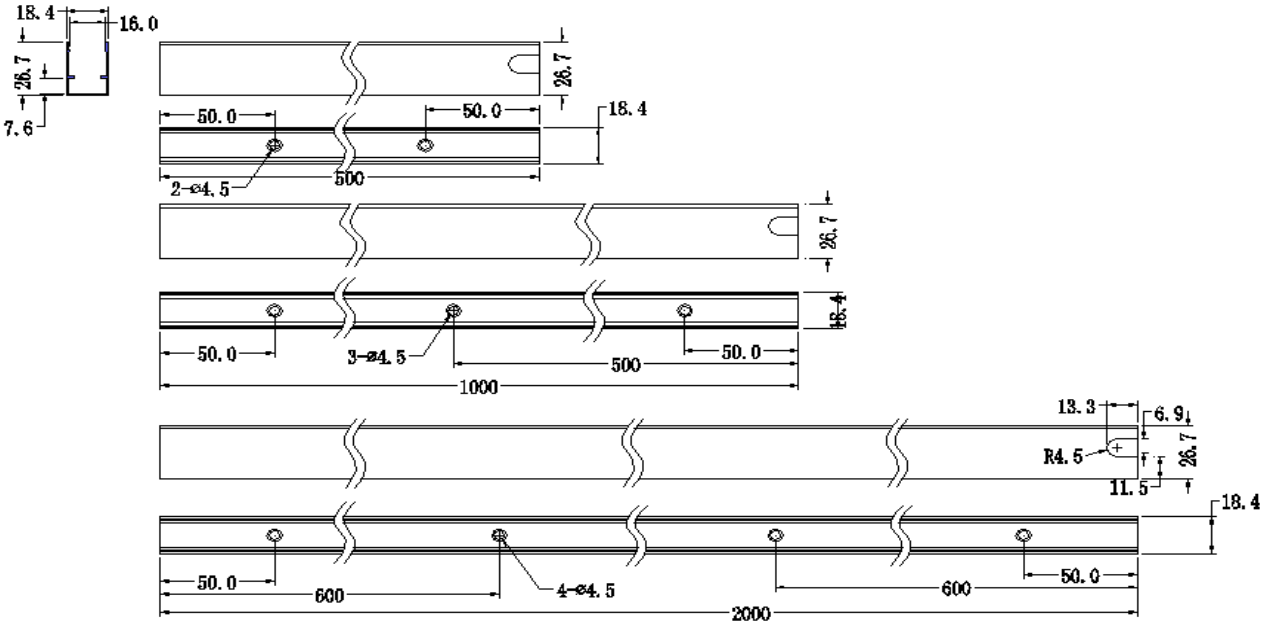
4. Mounting Profile

4.1 Aluminum profile for installation





Note: Unless otherwise stated, the tolerance of the profile is ±0.5mm.



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