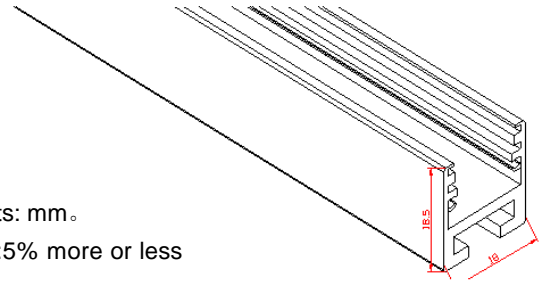# KUDUX
LED TECHNOLOGY

StripArt Tube 100

DATA SHEET
Model No.：KUDL035

Note：
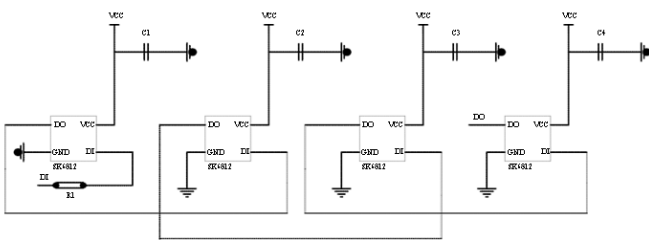1．All the units: mm。
2．Tolerance:5% more or less

Features:

- SK6812 single signal control mode
- SPI control mode
- Black semi-transparent, round milky cover, Square milky cover, clear cover can choose
- Greyscale:256
- IP40 IP67 available
- Beam angle: 120 degree, no dark area
- Seral transmission, stable signal
- Seamless integrate
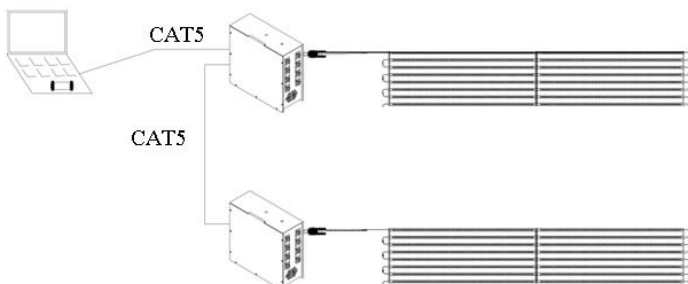- Realize multiple joints without voltage drop

Application:

- Indoor & outdoor decoration
- Night-club, party, hotel backlighting
- Decoration and city nights etc.

Schematic diagram:
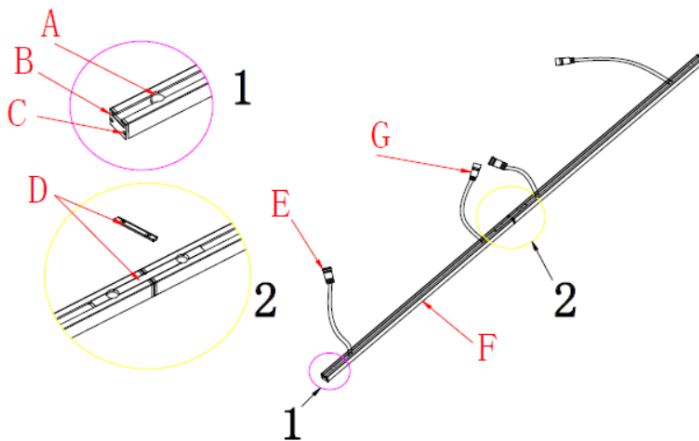

Wire connections diagram:

Installation

- Input: male connector.
- Output: female connector.
- Bar DI port connect controller signal port
- If bar is more than 10M, need a signal amplifier to increase the transmit-ability
- Special design between and 2 bar which realize seamless integrate.
- Bar can fixed by backside the bracket mounting

Installation features

- The Project installation uses the controller corresponding to the light bar control IC.
- The controller load points should not exceed 90% of the load capacity, so as not to affect the display effect
- the bar can install by regular connector, or use special-shaped connector to make different drawing
- When the light bar is installed and used, it can be connected seamlessly for ten meters without additional power supply.

A- Button, easy to fix and tear the strip light

B-Black semi-transparent plastic cap, high transmitting and elegant appearance.

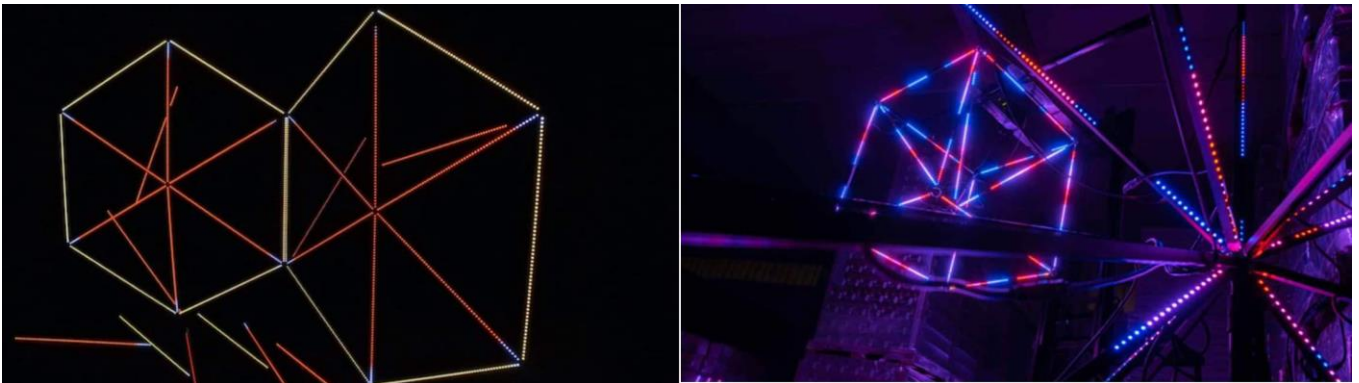C-Self-taping screw, fix the cap and aluminium groove

D-Aluminium connector to connect each bar.

E- Input is Male connector

F- Black Aluminium profiles

G- Output is female connector

Project picture

Parameter（Based on:1M）

Name	Unit	Min	Standard	Max
Working Voltage（U）	V	—	24V	—
Max power（P）	W	—	19.2	—
Quiescent current（I）	A	—	0.27	—
ESD Allowable input voltage（Vesd）	V	2000	—	—
R-Wave length（λD）	nm	620	—	625
G-Wave length（λD）	nm	515	—	520
B-Wave length（λD）	nm	460	—	470
Luminous（Iv）	LM	1000	—	1300
Beam angle	°	—	120	—
Working temperature（Topt)	℃	-25	—	55
Storage temperature（Tstg)	℃	-20	—	55
Waterproof（IP）	—	40	65	—
N.W	g	—	460	—
LED type	—	—	5050RGB	—
LED Qty.(pcs)	pcs	—	64	—
IC	—	—	SK6812	—
Grayscale	—	—	256	—
Channel order	—	—	GRB	—
Pixel	pcs	—	64	—
FPC color	—	—	Black	—
PC cover	—	—	Black, Round milky, Square milky , clear	—

Contact and more info: www.kudux.com