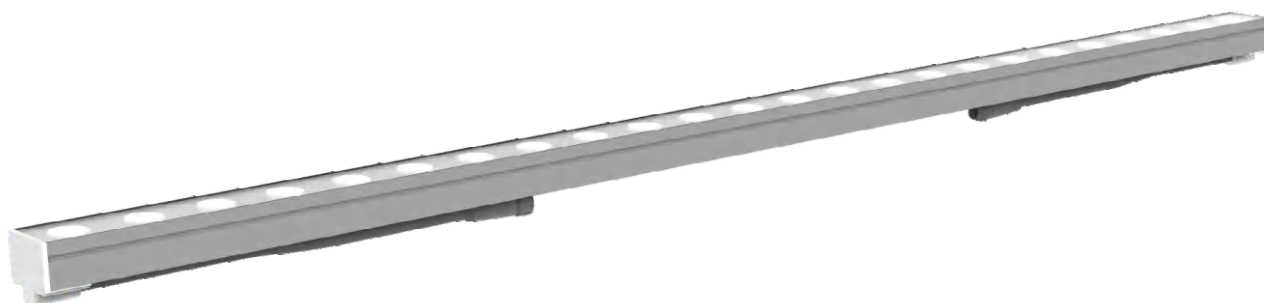


Specification

LED Flexible Optical Linear Wall Grazer

Elite Neon wall Grazer 3D



ELITE Neon wall Grazer 3D

Model NO.NS-3D2222-XW

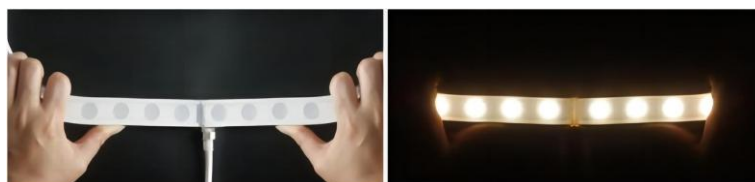
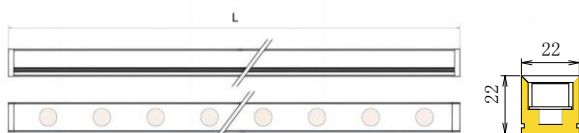


Features&Benefits

- .Can be bent vertically and horizontally;
- .10°/60°/20°/45° / 30°/45°/60° Lens for multiple angles;
- .High light effect 3535 LED can be white light /DMX mono/
- .DMX RGBW version;
- .Using constant current IC design, IP67 waterproof;
- .Complete clip accessories, bracket, aluminum channel,
- .flexible bracket, outdoor special equipment and rotatable;
- .Bending and twisting more gentle, smaller volume, large volume, light weight;
- .Soft bend flexibility, strong impact resistant, high tear resistance and high weather resistance;
- .Integrated mold end cap, no darkness at connection
- .50,000 hours of life with a 3-year warranty.



Technical Drawing



Mechanical technical data

Dimension	22X22mm	Bending direction	Top bending / Vertical
IP rating	IP67	PCB	Rigid PCB+FPCB
Beam angle	20°/30°/45°/20°/50°/60°/45x15° Asy	Material of coating	Silicone
Bend radius	R>60mm	Standard length/reel	5meter
Dimming function	DMX/PWM/ 0-10V/ DALI	Max. pack length/reel	8 meters
Connection	0.5MM ² / 20AWG wire / DC connector	Installation.	Aluminum profiles / Clips

Light technical data

Beam angle	20°/30°/45°/20°/50°/60°/45x15° Option
Voltage	24 Vdc
Power/m	24W/m
MAXRUN	3 meters
LED type	Osram / Lumileds / CREE
LED QTY	24 LEDs/m
Cut points	/
Binning tolerance	SDCM<3
CCT	Single Color/RGB/RGBW
Storage temp. (Ts)	-30 ~ 80°C
Ambient temp. (Ta)	-25 ~ 45°C
Lifespan	50,000Hrs

ELITE Neon wall Grazer 3D

White color parameters

CCT	LEDs/m	Power(W/M)	CRI	LM/M	SDCM	IP Rating
2700K (2500K~2850K)	24	24	90	1812	3 Steps	IP67
3000K (2800K~3200K)		24	90	2260	3 Steps	IP67
4000K (3800K~4200K)		24	90	2316	3 Steps	IP67
6500K (6200K~6800K)		24	90	2278	<5 Steps	IP67

DMX512 RGB parameters

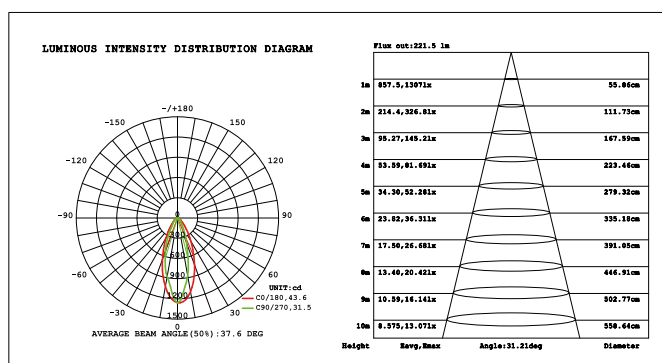
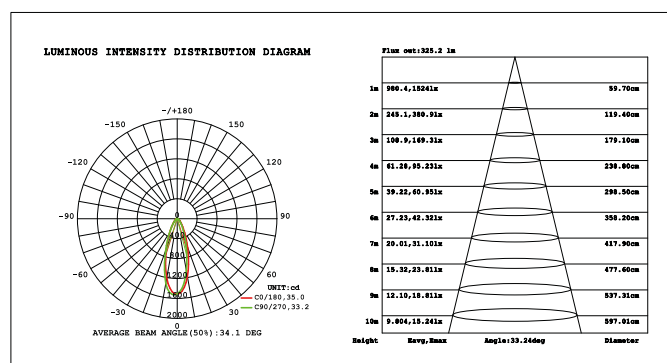
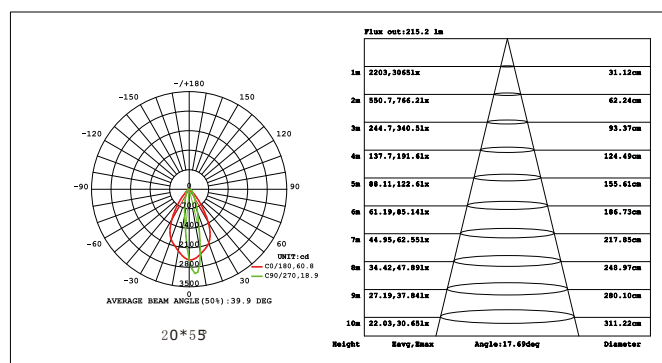
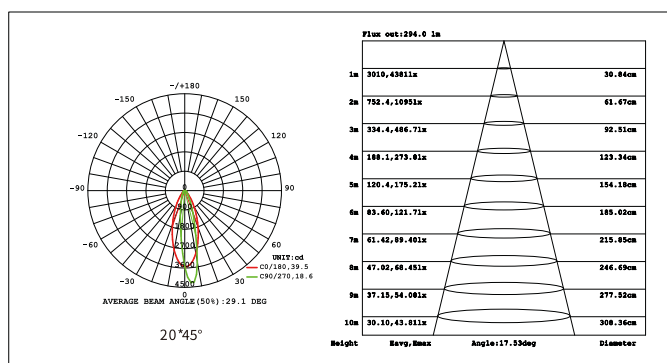
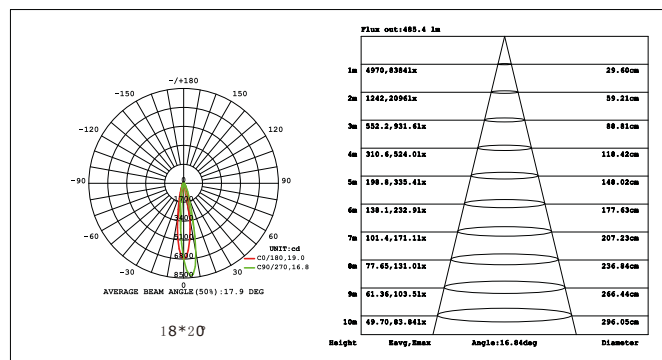
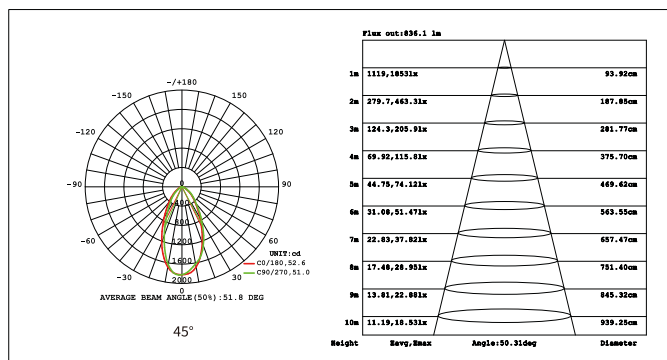
CCT	IC Type	LEDs/m	Pixels/m	Power(W/M)	LM/M	LM/ft	LM/W
Red only	SM18522PH	24	12	9	192	47	24.2
Green only				7	480	116.8	60.0
Blue only				8	80.8	21.1	10.8
RGB				24	686.40	166.12	28.6

DMX512 RGBW parameters

CCT	IC Type	LEDs/m	Pixels/m	Power(W/M)	LM/M	LM/ft	LM/W
Red only	SM18522PH	24	12	5.72	178	46.1	31.1
Green only				5.58	421.29	110.38	75.5
Blue only				5.86	83.21	20.78	14.2
W				5.87	383	123.37	64.4
RGBW				24	1132.80	275.97	47.2

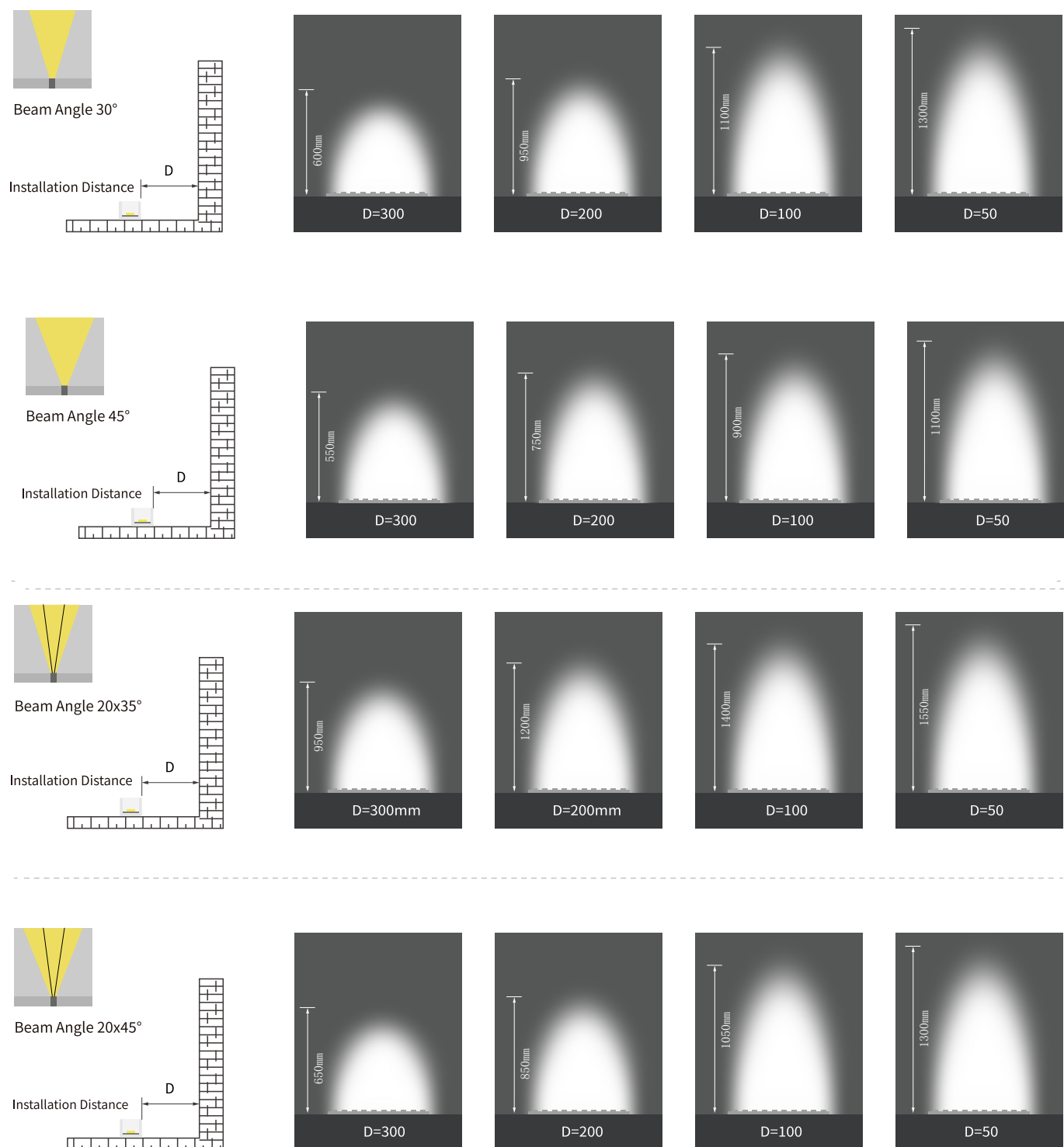
ELITE Neon wall Grazer 3D

Light Distribution Curve



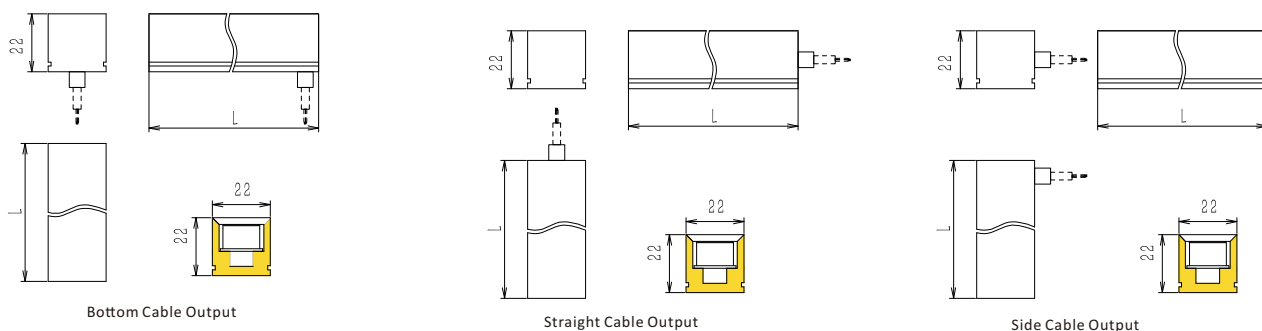
ELITE Neon wall Grazer 3D

Installation Distance/Wall Washing Height

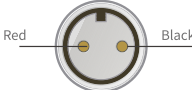
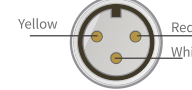
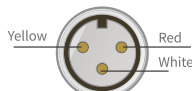
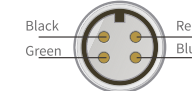
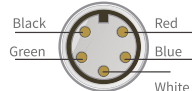
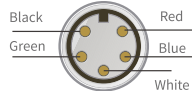


ELITE Neon wall Grazer 3D

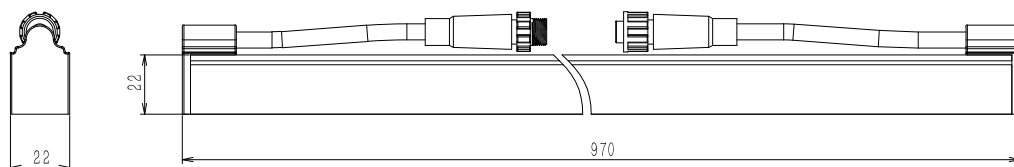
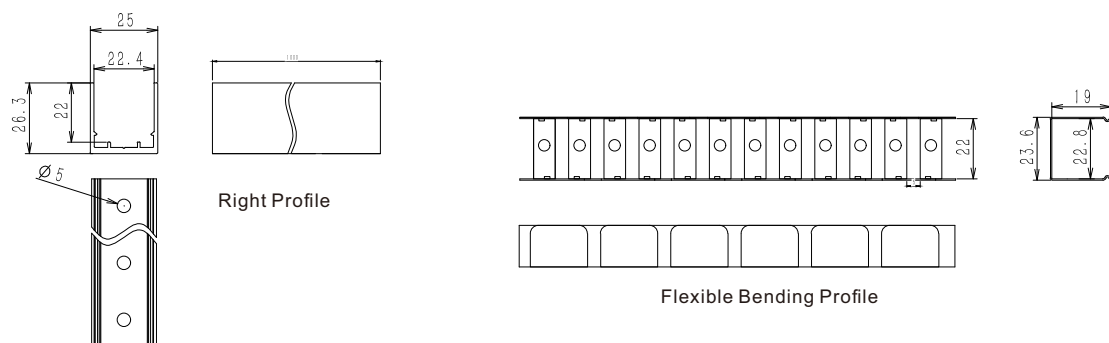
Cable Output Direction



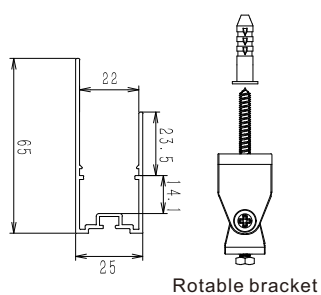
Cable ELECTRICAL WIRING COLOR CODES

● MONOCOLOR	 Red:V+ Black:GND	 Red Black	○ CCT	 Red:V+ White:C Yellow:W	 Yellow Red White
○ SPI	 Red:V+ Yellow:DAT White:GND	 Yellow Red White	○ RGB	 Black:V+ Red:R Green:G Blue:B	 Black Red Green Blue
○ RGBW	 Black:V+ Red:R Green:G Blue:B White:W	 Black Red Green Blue White	○ RGBCCT	 Black:V+ Red:R Green:G Blue:B White:C Yellow:W	
● DMX	 Black:GND White:B Blue:A Green:PI/PO Red:V+	 Black Red Green Blue White			

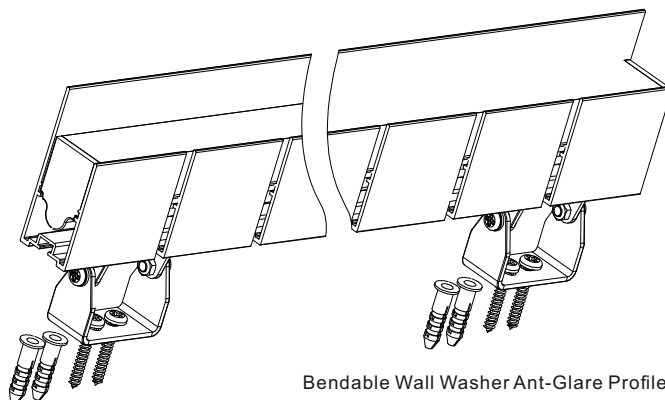
ELITE Neon wall Grazer 3D



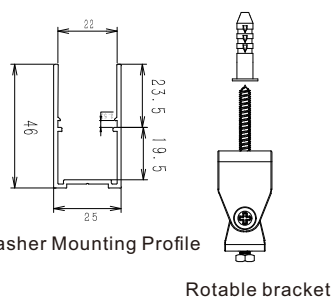
Bottom reversed Cable output- Bending Output



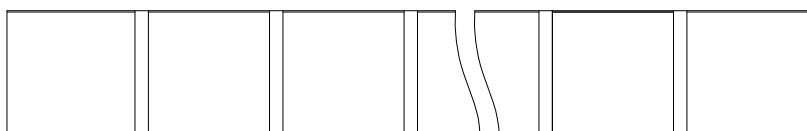
Wall Washer Ant-Glare Profile



Bendable Wall Washer Ant-Glare Profile



Wall Washer Mounting Profile

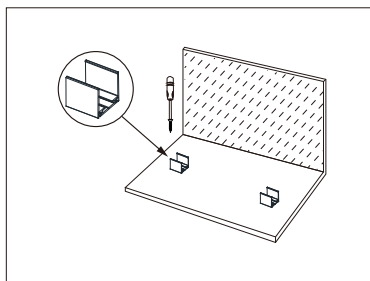


Bendable Wall Washer Alum Profile

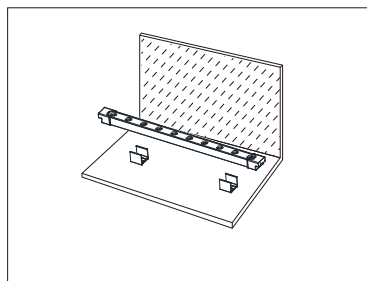
ELITE Neon wall Grazer 3D

Installation Diagram

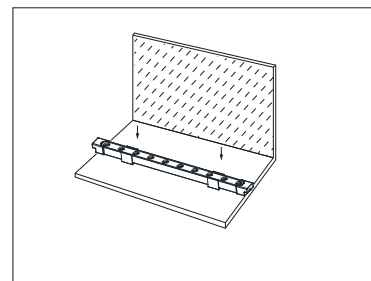
Aluminum Clip



Fix the aluminum clips to the mounting surface with the screwdriver.

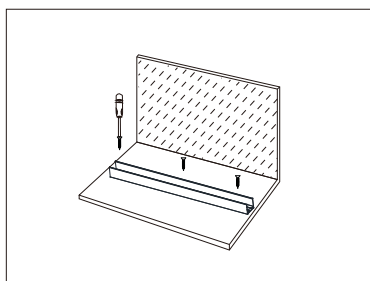


Clamp the wall washer light on the aluminum clips;

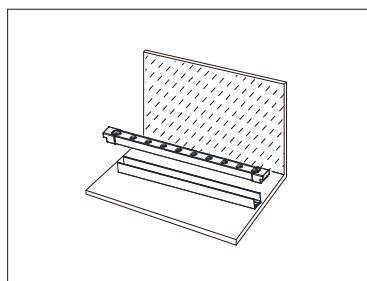


Turn on the power.

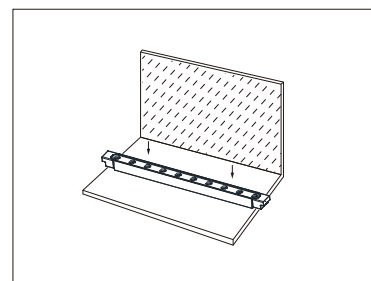
Installation with Aluminum Profile



Fix the aluminum profile to the mounting surface with the screwdriver.

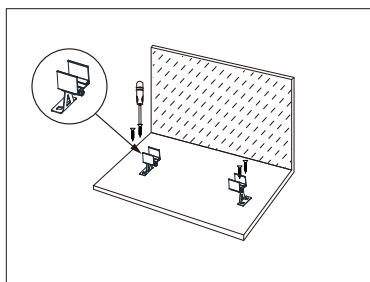


Clamp the wall washer light on the aluminum profile;

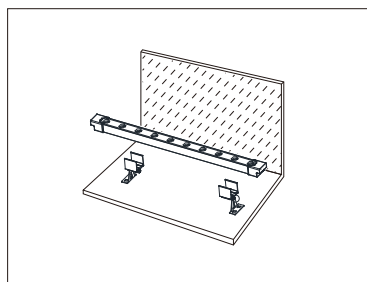


Turn on the power.

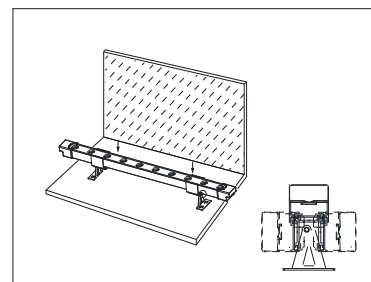
Installation with Adjustable Angle Clip + Aluminum Clip



Fix the adjustable angle clips to the mounting surface with the screwdriver, then fix the aluminum clips onto the adjustable angle clips.

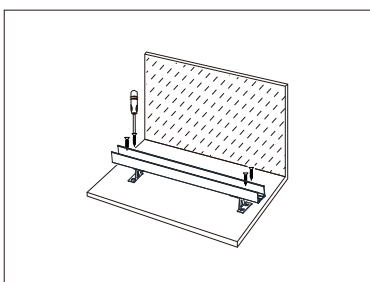


Clamp the wall washer light on the aluminum clips.

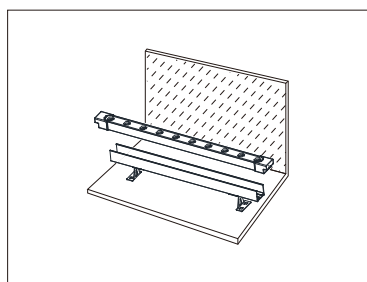


As shown in the schematic diagram in the right corner, adjust the clips to the required angle, and then turn on the power.

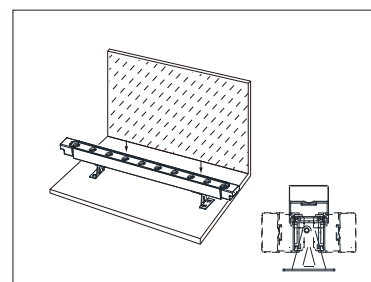
Installation with Adjustable Angle Clip + Aluminum Profile



Fix the adjustable angle clips to the mounting surface with the screwdriver, then fix the aluminum profile onto the adjustable angle clips.



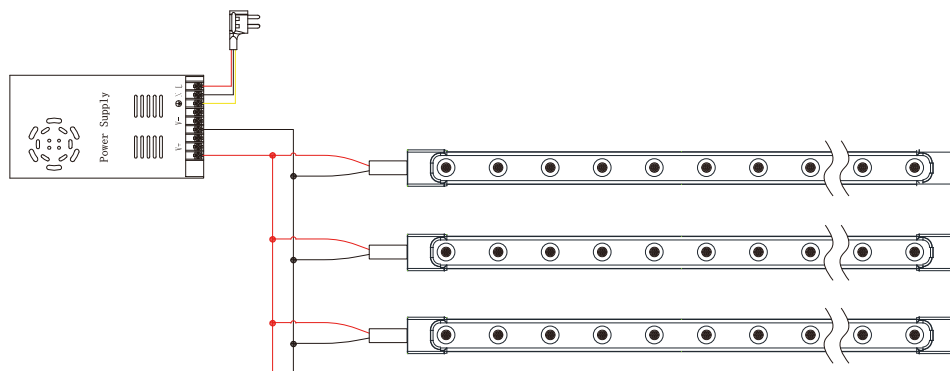
Clamp the wall washer light on the aluminum profile.



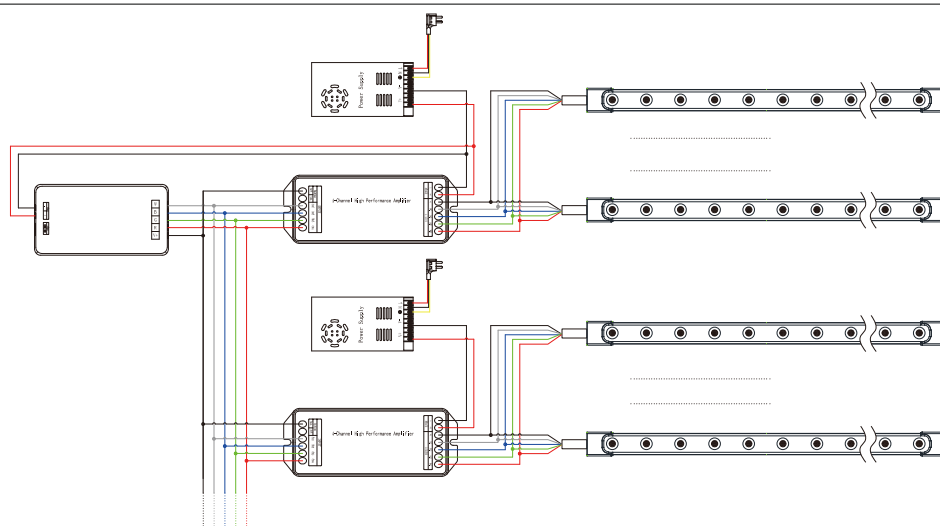
As shown in the schematic diagram in the right corner, adjust the aluminum profile to the required angle, and then turn on the power.

ELITE Neon wall Grazer 3D

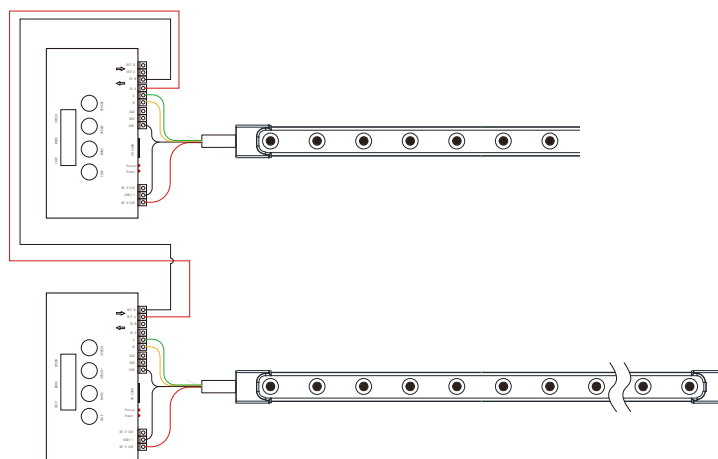
Single Color Connection Diagram



RGBW Connection Diagram



DMX512 RGB Connection Diagram



ELITE Neon wall Grazer 3D

Application:

The Optico LED strip features focus lighting, longer lifespan and High efficacy, high CRI, it is designed to provide optional optical designs in flexible linear lighting for a wide variety of applications for cove lighting and indirect lighting in hotels, restaurants, shops, offices and homes.

