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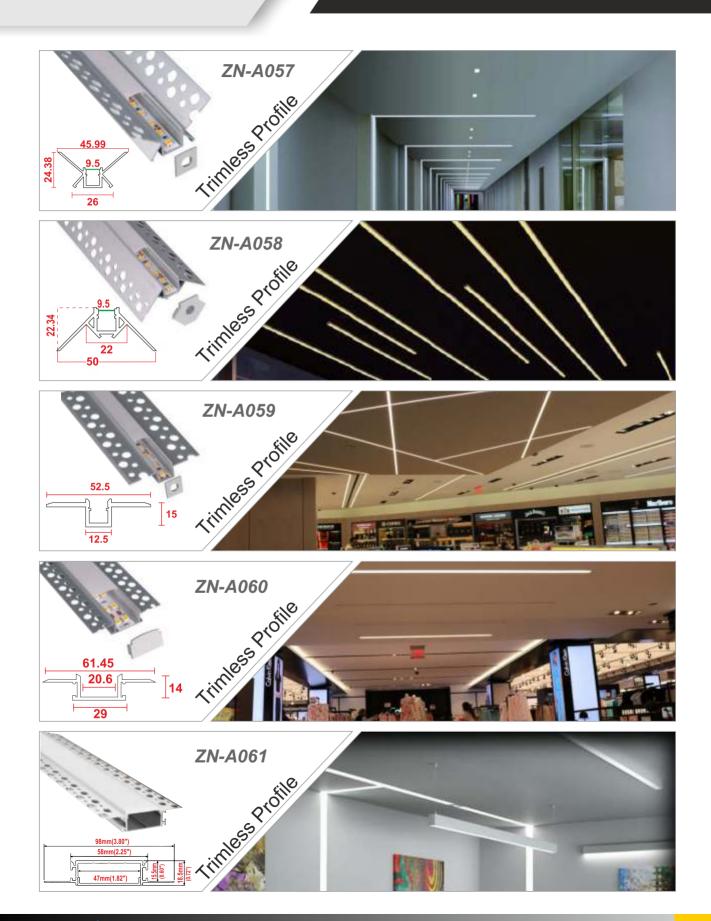








# ARCHITECTURAL GYPSUM PLASTER ALUMINIUM PROFILE FOR LED.







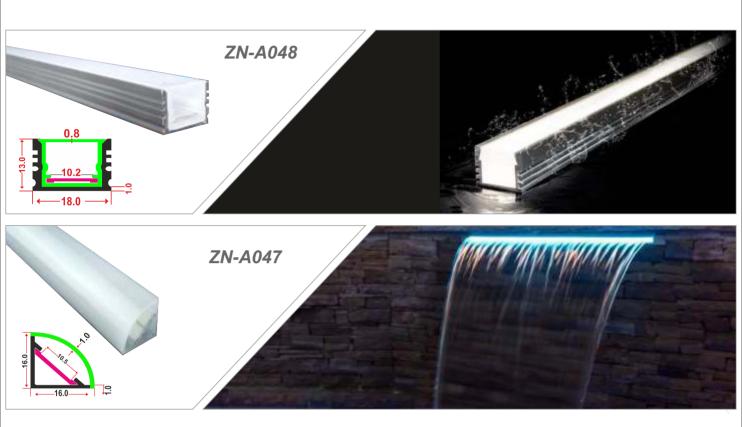


### WATERPROOFPROFILE









### **Ip65 Water Resistant Channel**

A fully plastic water resistant channel ideal for being mounted outdoors and in damp environments. This extrusions is a revolutionary design allowing the user to install in damp environments without water ingress. The tape sits on a metal insert inside. Due to the nature of this product it is advised that you don't use a tape over 14 watts per meter because of the reduced heat sync.







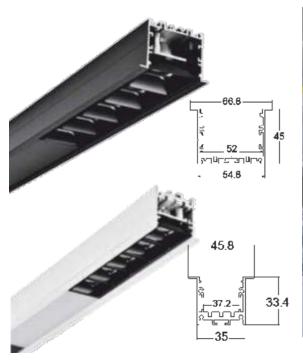


# LED LASER BLADE PROFILE





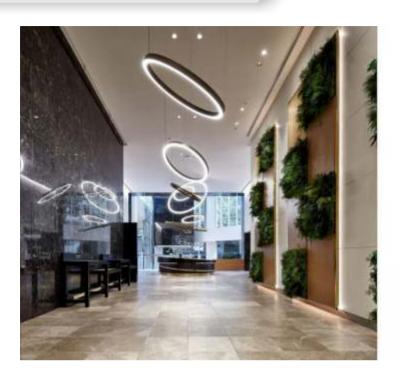
# Led Recessed Laser Blade Profiles







# ROUND RING LED PROFILE



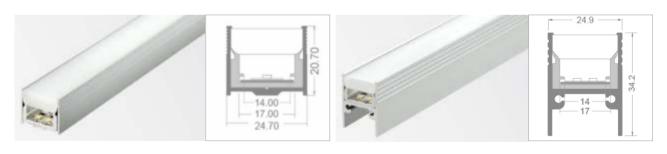


Installation Suspended

Diameter: 600mm or 900mm or 1200mm









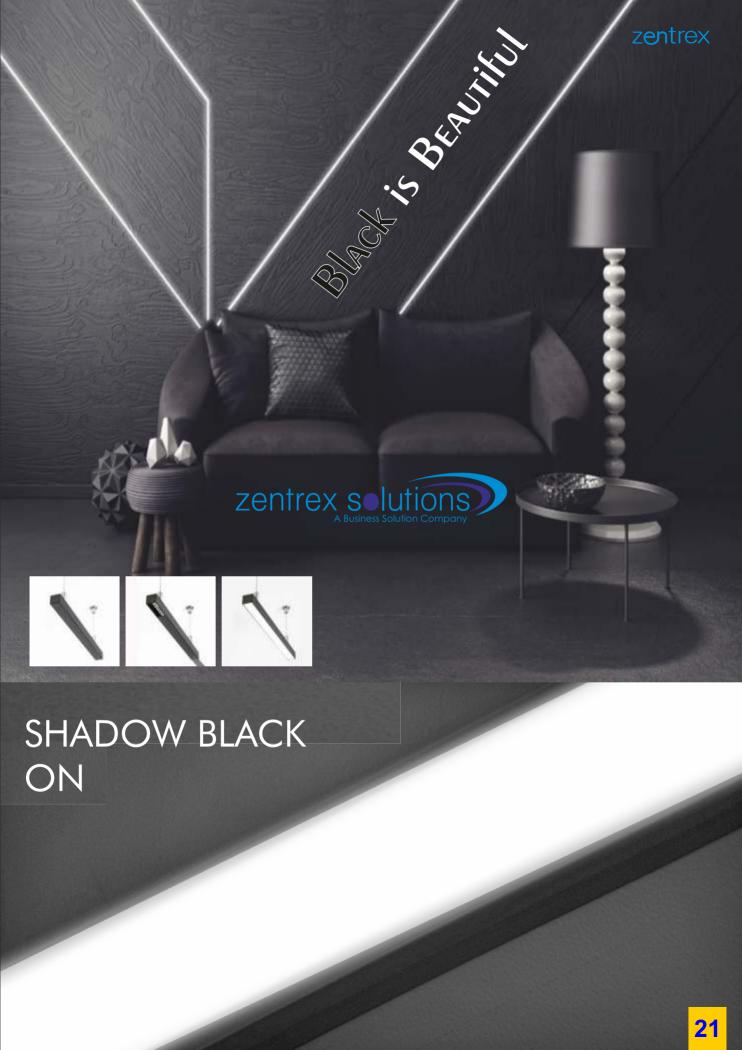














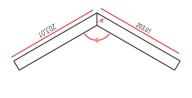
### CUSTOMIZED LED ALUMINIUM PROFILE

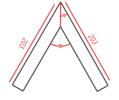


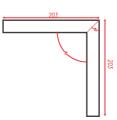


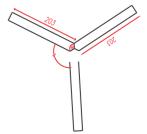














### Triangle Profile Hanging





ITEM	SIZE	WATT	INPUT VOLTAGE	COLOR TEMP
ZN-TRI-01	L600 x W80 x H70	48W	AC 180-260V	3K / 4K / 6K





ITEM	SIZE	WATT	INPUT VOLTAGE	COLOR TEMP
ZN-TRI-02	L600 x H70	48W	AC 180-260V	3K / 4K / 6K

#### Ring Profile Hanging





ITEM	SIZE	WATT	INPUT VOLTAGE	COLOR TEMP
ZN-RD-01	L350 x W80 x H70	24W	AC 180-260V	3K / 4K / 6K
ZN-RD-02	L450 x W80 x H70	36W	AC 180-260V	3K / 4K / 6K
ZN-RD-03	L600 x W80 x H70	48W	AC 180-260V	3K / 4K / 6K
ZN-RD-04	L900 x W80 x H70	72W	AC 180-260V	3K / 4K / 6K
ZN-RD-05	L1200 x W80 x H70	96W	AC 180-260V	3K / 4K / 6K



ITEM	SIZE	WATT	INPUT VOLTAGE	COLOR TEMP
ZN-RD-06	L350x H70	24W	AC 180-260V	3K / 4K / 6K
ZN-RD-07	L450 x H70	36W	AC 180-260V	3K / 4K / 6K
ZN-RD-08	L600 x H70	48W	AC 180-260V	3K / 4K / 6K
ZN-RD-09	L900 x H70	72W	AC 180-260V	3K / 4K / 6K
ZN-RD-10	L1200 x H70	96W	AC 180-260V	3K / 4K / 6K

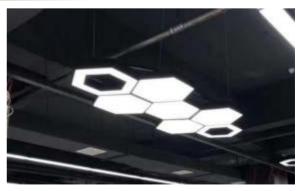


### HEXAGON PROFILE HANGING





ı	ITEM	SIZE	WATT	INPUT VOLTAGE	COLOR TEMP
	ZN-HX-01	L450 x W80 x H70	24W	AC 180-260V	3K / 4K / 6K
	ZN-HX-02	L600 x W80 x H70	36W	AC 180-260V	3K / 4K / 6K
l	ZN-HX-03	L900 x W80 x H70	48W	AC 180-260V	3K / 4K / 6K
	ZN-HX-04	L1200 x W80 x H70	72W	AC 180-260V	3K / 4K / 6K



ITEM	SIZE	WATT	INPUT VOLTAGE	COLOR TEMP
ZN-HX-05	L450 x H70	36W	AC 180-260V	3K / 4K / 6K
ZN-HX-06	L600 x H70	48W	AC 180-260V	3K / 4K / 6K
ZN-HX-07	L900 x H70	72W	AC 180-260V	3K / 4K / 6K





















# LED STRIP



### Design

Discover a new world of attractive accent lighting with Integral's latest LED strip range. For soft, stylish, coloured lighting in almost any area - indoor and outdoor - we have the ideal strip for your space. Choose from 8 new ranges with options to allow you to create:

- V A seamless linear light effect
- V Variable, remote-controlled colour schemes
- V Flexible illumination for signage
- V Fun and vibrant cascading effects

### Quality

Built to last, our comprehensive range of innovative strips offer excellent build quality, superior components and consistent light.

- V Low energy
- V Ingress protection up to IP65
- V Up to 3 years warranty





#### 12V - 2835 - 60LED - (8MM)





LED Type	:	2835	
Watt/M	:	7W	
Voltage	:	12V	
LED Qty	:	60	
Im/LED	:	26-28 lm	
Beam Angle	:	120°	
IP Rating	:	IP20	
Width	:	8MM	



#### 12V - 2835 - 120LED - (5MM)





LED Type	:	2835
Watt/M	:	15W
Voltage	:	12V
LED Qty	:	120
lm/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	IP20
Width	:	5MM



#### 12V - 2835 - 120LED - (8MM)





 LED Type
 :
 2835

 Watt/M
 :
 15W

 Voltage
 :
 12V

 LED Qty
 :
 120

 Im/LED
 :
 26-28 Im

 Beam Angle
 :
 120°

 IP Rating
 :
 IP20

 Width
 :
 8MM



#### 12V - 2835 - 168LED - (10MM)





LED Type	:	2835
Watt/M	:	20W
Voltage	:	12V
LED Qty	:	168
lm/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	IP20
Width	:	10MM



#### 12V - 2835 - 240LED - (10MM)





LED Type	:	2835
Watt/M	:	24W
Voltage	:	12V
LED Qty	:	240
lm/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	IP20
Width	:	10MM







#### 12V - 2835 - 204LED - (10MM) COLORS



#### 12V - 2216 - 360LED - (10MM) CCT ADJUSTABLE 3000K - 6500K



#### 12V - 5050 - 60LED - (10MM)



#### 12V - 5050 - 60LED - (10MM) RGB



#### 12V - 5050 - 120LED - (10MM) RGB COLORS









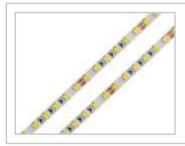
#### 12V - 3535 - 144LED - (10MM) RGB



LED Type	:	3535
Watt/M	:	24W
Voltage	:	12V
LED Qty	:	144
lm/LED	:	24-26 lm
Beam Angle	:	120°
IP Rating	:	IP20
Width	:	10mm



#### 12V - 2835 - 120LED - MCPCB





LED Type	:	2835
Watt/M	:	15W
Voltage	:	12V
LED Qty	:	120
lm/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	lp20
Width	:	10mm

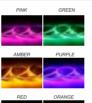


#### 12V - 2835 - 120LED - MCPCB COLOR











#### 12V - 2835 - 192LED - MCPCB

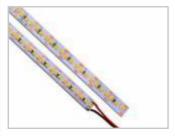




LED Type	:	2835
Watt/M	:	22W
Voltage	:	12V
LED Qty	:	192
lm/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	lp20
Width	:	10MM



#### 12V - 2835 - 192LED - MCPCB COLOR















#### 24V - 5050 - 60LED - (10MM)



LED Type	:	5050
Watt/M	:	15W
Voltage	:	24V
LED Qty	:	60
lm/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	IP20
Width	:	10MM



#### 24V - 2835 - 240LED - (10MM)





LED Type	:	2835
Watt/M	:	24W
Voltage	:	24V
LED Qty	:	240
lm/LED	:	26-28lm
Beam Angle	:	120°
IP Rating	:	IP20
Width	:	10MM



#### 24V - 2835 - (15mm) Two Line Led Strips(30Watt)





LED Type	:	2835
Watt/M	:	30W
Voltage	:	24V
LED Qty	:	196
lm/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	IP20
VAC -IAI-		451414



#### 24V - 2835 - (20mm) Three Line Led Strips(36Watt)





LED Type	:	2835
Watt/M	:	36W
Voltage	:	24V
LED Qty	:	360
Im/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	IP20
Width	:	20MM



#### 24V - 2835 - (36mm) Four Line Led Strips(45Watt)





LED Type	:	2835
Watt/M	:	45W
Voltage	:	24V
LED Qty	:	280
lm/LED	:	26-28 lm
Beam Angle	:	120°
IP Rating	:	IP20
Width	:	36MM







12V - 2835 - 120LED - (5MM)

12V - 2835 - 120LED - (8MM)

12V - 2835 - 168LED - (10MM)

12V - 2835 - 240LED - (10MM)

12V - 3535 - 144LED - (10MM) RGB

24V - 5050 - 60LED - (10MM)

24V - 2835 - 240LED - (10MM)

12V - 2835 - 204LED - (10MM) COLORS

12V - 5050 - 60LED - (10MM)

12V - 5050 - 60LED - (10MM) RGB

12V - 5050 - 120LED - (10MM) RGB COLORS

24V - 2835 - 192LED - (10MM) CCT ADJUSTABLE 3000K - 6500K



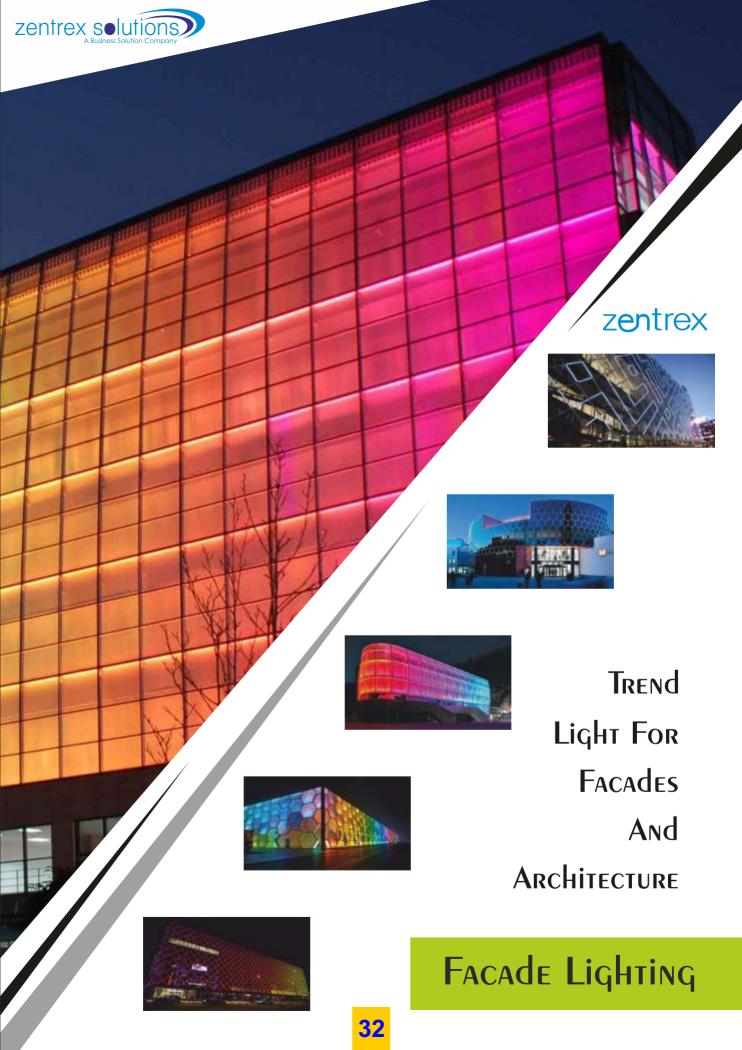














# **S**ERVICES

### **Consultancy**

Light articulates Forms, Render surface texture and defines each colors in a space. We designed Lighting as the apt instrument for artistic expression to create dynamic environments. We constantly attempt to bring forth the most innovative and uncomman ideas to illuminate spaces that help us achieve our goal of always being ahead of the curve in the field of Lighting Design





#### **Designs**

We Design state of the art lighting solutions for commercial and industrial applications.

We engage with leading Architects, Engineers, Facility Managers, & Industry Contractors to design & supply Lighting system and product to meet customer application needs.

### **Production**

One of the pioneer in world leading manufacturers in the architectural lighting market, Featuring a comprehensive catalog of proven quality, High reliability and fully weatherproofed lighting fixtures





### **Insatallation**

Our Engineering and installation team is well equipped to carry out our tasks with highest precision. Our years of experience in civil and engineering field help us achieve this

### **M**AINTENANCE

By renovating your lighting technology, you save energy and thus, money. When your Lamps are upgraded or retrofitted at the same time, It is a good idea to plan on a group relamp. For Facade lighting maintenance no look further than us.









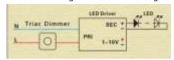


#### Constant Voltage Dimmable SMPS 12V / 24V

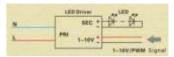
Modules		60W		100W		150W		200W	
	Power	60W		100W		150W		200W	
Outpu t	Voltage	12V	24V	12V	24V	12V	24V	12V	24V
	Current	5A	2.5A	8.3A	4.1A	12.5A	6.2A	16.7A	8.3A
	Ripple	120mV	150mV	120mV	150mV	120mV	150mV	120mV	150mV
Input	Voltage	90-264VAC						190-264VAC	
	Frequency	47-63HZ							
	PF	≥0.9							
	Current	0.65A		1.25A		2.0A		2.5A	
	Efficiency	≥85%	≥87%	≥85%	≥87%	≥85%	≥87%	≥85%	≥87%
	Overload	110%-130%							
Protec	Short circuit	Auto recover after anomaly disappear							
tion	Over voltage	280VAC							
	Over heat	100℃±10℃							
	Work heat	-30°C~+60°C							
Enviro	Store heat	-30℃~+80℃							
nment	Humidity	10-50%							
	Cooling	Self cooling							
Insulation withstand		I/P-O/P 3.0KVac, I/P-FG 1.5KVac, O/P-FG 0.5KVac							

### Operation

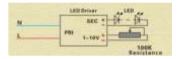
1.Triac dimming connection drawing



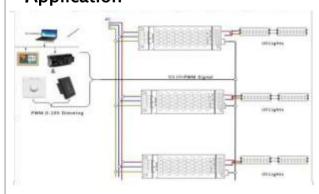
2.0-10V & PWM dimming drawing

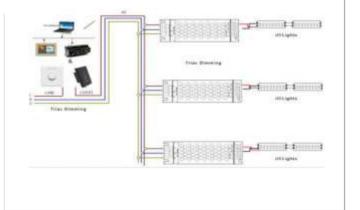


3.Resistance dimming drawing





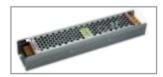




12V - 60WATT



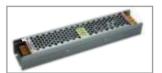
24V - 100WATT



12V - 100WATT



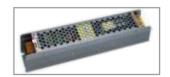
24V - 150WATT



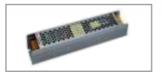
12V - 150WATT



24V - 200WATT



12V - 200WATT









#### **INDIAN SMPS DRIVER**

ZN-24W-2A ZN-36W-3A



ZN-48W-4A ZN-60W-5A

ZN-72W-6A



ZN-96W-8A

ZN-120W-10A

ZN-144W-12A



ZN-192W-16A ZN-240W-20A



#### **SLIM SMPS DRIVER**



ZN-100W-12V

ZN-150W-12V

ZN-200W-12V

ZN-300W-12V

ZN-400W-12V



ZN-100W-24V

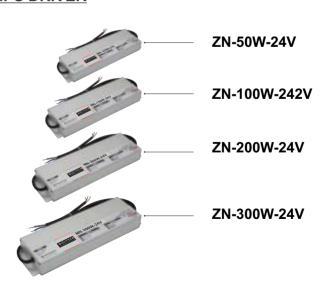
ZN-200W-24V

ZN-300W-24V

**ZN-400W-24V** 

#### WATERPROOF SMPS DRIVER

















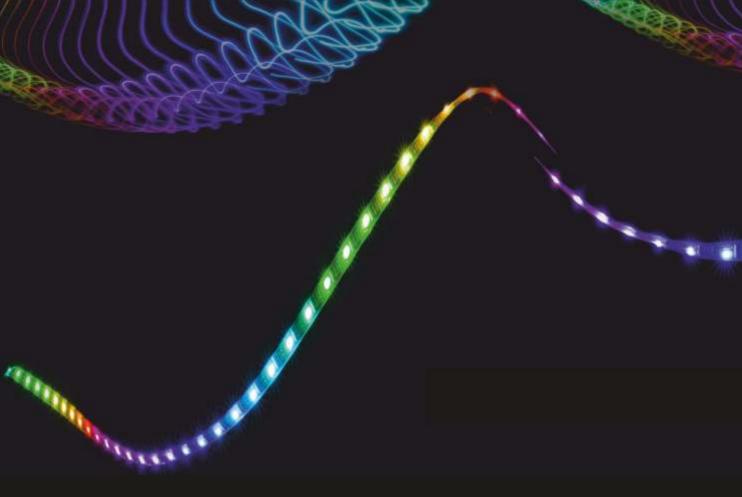
# RGB+ CCT LED Strip Controller







zentrex





DMX RGB LED STRIP

BY ZENTREX SOLUTIONS ALSO KNOWN AS

DMX PIXEL LED TAP

zentrex

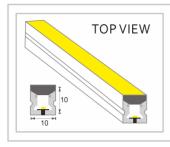


# **LINEAR FLEX**





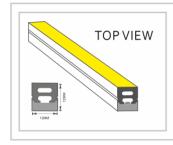
# ZN-LF-T01







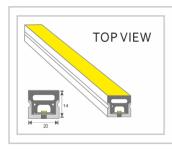
# ZN-LF-T02







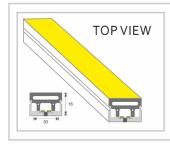
## ZN-LF-T03







# ZN-LF-T04

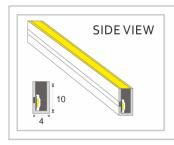








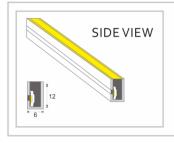
# ZN-LF-S01







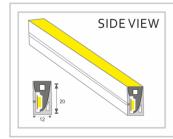
# ZN-LF-S02







# ZN-LF-S03













Please note that the strips are not bendable to all directions As the appropriate specific shape and degree, please follow the following instruction:

#### Correct bending way



Fold the neon strip at top light emitting direction (as above photo). The minimum bending diameter is 40mm



Circle Bending, top light emitting Face inside or outside.

( A) Minimum diameter 50mm

#### Wrong Bending



Do not bend it at side direction.

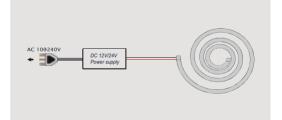


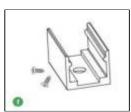
Do not bend it at side direction.

# DLED strips are low voltage products; you must use the power supply (transformer). Do not connect the led strip directly to the AC 110v or AC 220v, otherwise it will burn out the LED strips and lead to safety (security) accidents.

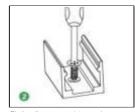
Please read the specifications thoroughly before installation by professional staff to make sure the safe use.

# **Mounting Method**





Screw and Clip



Fix the clip at appropriate area by screws



Top light emitting face up, and clip it inside gently.



Lock it into the clip in parallel



# **Announcement**

Please notice that the strips are not bendable to all directions. As the appropriate specific shape and degree, please follow the following instruction:

#### Correct bending way



Face to the light surface, fold the strip



light surface upwards, the strip is bendable to ri

#### Incorrect Bending Way



Face to the side surface, (as the picture shows) do not bend downward damage the strip



(as the picture shows) please do not twist the strip, or it will be damaged

# ● LED strip are low voltage products, you must be use the power supply(transformer). Do not connect the LED Strip directly to the AC 110v or AC 220v, otherwise it will burn out the LED Strips and lead to safety (security) accidents.

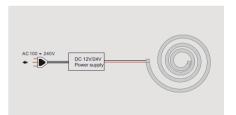
#### Please read the specifications thoroughly before installation by professional staff to make sure the safe use.

#### Installation accessories



Screws, fixed clips, glue, plug

#### Installation instructions





Prepare the screws and fixed clips



Adjust the fixed clips to the appropriate



Put the light emitting surface upwards, then insert the LED strip into the fixed clips



Fix led strip completely into the fixed clip, led strip subface must be parallel to the top edge of fixed clip









# ((( SENSOR

### ZN-MS01

#### **Motion Sensor**



1- DC INPUT = DC OUTPUT 2- Working Voltage:12/24V

3- Load : 6A

4- Connection: 5521DC

5- Delay time: 15s-5mins adjustable

6- Light sensor adjustable 7- Detecting angle: 120°

8-Detecting distance: 3-5m



### ZN-MS02

#### Motion Sensor



1- DC INPUT = DC OUTPUT 2- Working voltage:12/24V

3- Load : 2A

4- Delay time: 15s(customized)5- Light sensor adjustable6- Detecting angle: 120°

7- Detecting distance: 3m



# ZN-MS03

#### **Motion Sensor**



1- DC INPUT = DC OUTPUT 2- Working voltage:12/24V

3- Load : 2A

4- Delay time: 15s(Customized)

5- Light sensor adjustable 6- Detecting angle: 120°

7- Detecting distance: 3m



# ZN-MS03

#### Motion Sensor Module



1- DC INPUT = DC OUTPUT 2- Working voltage:12/24V

3- Load: 8A

4- Delay time: 45s Customized5- Detecting angle: 120°6- Detecting distance: 3m





# (((( SENSOR

# ZN-MS05

#### Motion Sensor Dimmer



1- DC INPUT = DC OUTPUT 2- Working voltage:12/24V

3- Load : 8A

4- Delay time: 45s Customized 5- Detecting angle: 120° 6- Detecting distance: 3m



## ZN-TS01

Touch Dimmer Switch



1- DC INPUT = DC OUTPUT

2- Working voltage:12V

3- Load : 2A

4- Function: Touch DimmerFucntion



# ZN-TS02

#### Waterproof Touch Switch



1- DC INPUT = DC OUTPUT

2- Working voltage:12V

3- Load : 2A

4- Function:Touch on/off WATERPROOF



### ZN-TS03

#### Touch Dimmer Switch



1- DC INPUT = DC OUTPUT

2- Working voltage:12V

3- Load: 2A

4- Function: Touch DimmerFucntion





# (((( SENSOR

### ZN-IRS01

#### **IR Sensor**



1- DC INPUT = DC OUTPUT 2- Working voltage: 5v/12/24V

3- Load : 8A

4- Detecting angle: 40°; 5- Detecting distance: 3-8Cm



# ZN-IRS02

**IR Sensor** 



1- DC INPUT = DC OUTPUT 2- Working voltage: 5v/12/24V

3- Load : 5A

4- Detecting angle: 350°; 5- Detecting distance: 3-8Cm



# ZN-IRS03

**IR Sensor** 



1- DC INPUT = DC OUTPUT

2- Working voltage: 5v/12/24V

3- Load : 5A

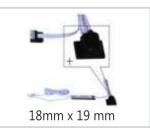
4- Detecting angle: 350°;

5- Detecting distance: 5-9Cm



#### ZN-IRS04

#### **IR Sensor**



1- DC INPUT = DC OUTPUT

2- Working voltage: 5v/12/24V

3- Load : 4A

4- Detecting angle: 350°;

5- Detecting distance: 8-12Cm





# (((( SENSOR

## ZN-HWA01

#### Hanwaye Sensor



1- DC INPUT = DC OUTPUT 2- Working voltage: 5v/12/24V

3- Load : 8A

4- Detecting angle: 40°5- Detecting distance: 3-8Cm



# ZN-HWS02

#### Hanwave Sensor



1- DC INPUT = DC OUTPUT

2- Working voltage: 5v/12/24V

3- Load : 5A

4- Detecting angle : 40°

5- Detecting distance: 3-8Cm



#### ZN-HWS03

Hanwave Sensor



25mm x 10mm

1- DC INPUT = DC OUTPUT

2- Working voltage: 5v/12/24V

3- Load : 4A

4- Detecting angle: 350°

5- Detecting distance : 8-12Cm



# ZN-LS01

#### Light Sensor



1- Voltage:12V/24v ;

2- Tempreture: -20°+50°;

3- Stastic Current: < 5uA;

4- Max load: 8A;

5- Lux Adjustable : 2-60lux



# Linear Lighting Application

#### **SCENCE**

- 1 Hotel
- 2 Residential
- 3 Office
- 4 Retail
- Gym&Spa
- 6 Theater & Museum
- Garden Landscaping
- 8 Station Hall
- 9 Maritime
- 10 Under Water
- 11 Outdoor
- Contour Lighting

