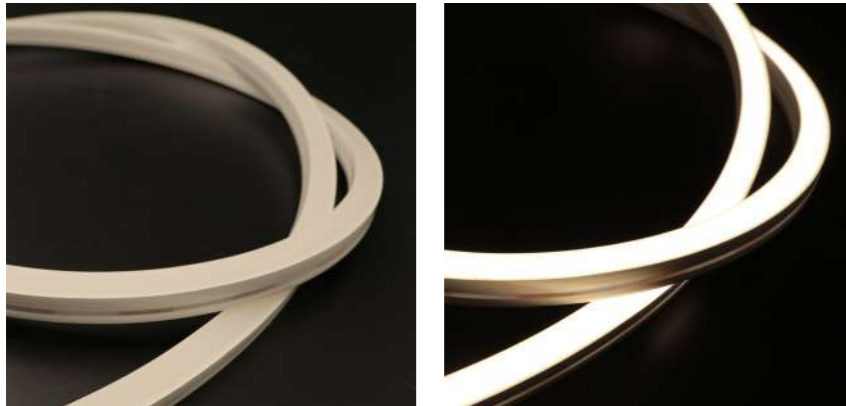


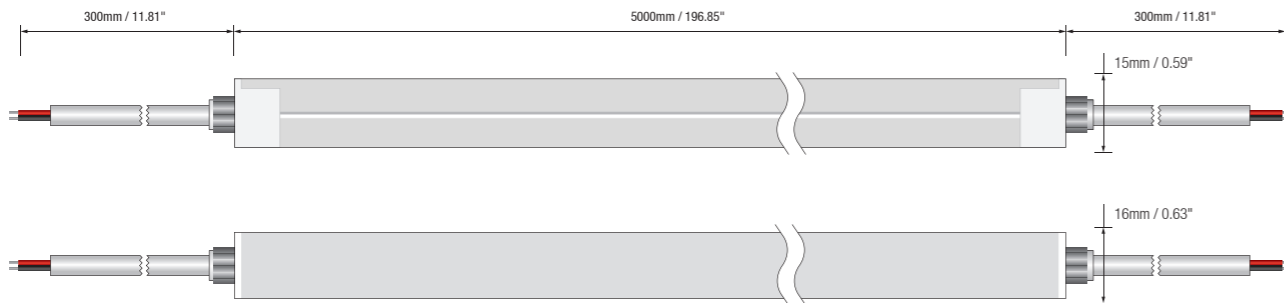


LINEAR ALPHA 1615S



LINEAR ALPHA 1615S, DC24V. Cross section size 16mm x 15mm / 0.63" x 0.59" (W x H), which is Horizontal bending with radius of 120mm / 4.72".
 -IP67 protected, UV resistant, chemical resistant and DIY connectors for indoor & outdoor solutions. Very easy to cut & reconnect on site.
 -2-Step MacAdam bin and dot free lighting guarantee the most excellent performance over the rated lifetime.

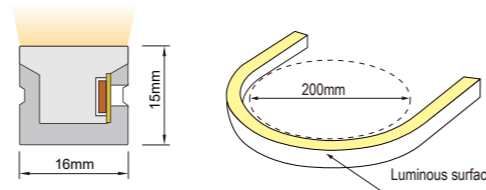
DIMENSION



Note: The tolerance of the product size is ± 3 mm.

Electrical data

| | |
|---------------------|--|
| Voltage | DC24V (23.5Vmin, 24.5Vmax) |
| LED PIN Temperature | Max. 60.9°C /141.6°F |
| Storage Temperature | -25°C /-13°F _{min} , 60°C /140°F _{max} |
| Ambient Temperature | Ta _{min} =-25°C /-13°F, Ta _{max} (Table below) |
| CRI | Ra93 |
| LED Distance | 8.33mm |
| Mini Cutting Unit | 6LEDs(1 unit) |
| Beam Angle | 120° |
| Package length | ≤ 30m |



Note: The tolerance of the bending direction is ± 3 mm.

| LINEAR ALPHA 1615 WHT | Low output | STD output | High output |
|---|-------------|-------------|-------------|
| Power(W/m W/ft) | 5/1.5 | 10/3.1 | 15/4.6 |
| Efficacy(lm/W) @4000K | 76 | 73 | 70 |
| Max. Ambient tempt.(Ta _{max}) | 55°C /131°F | 45°C /113°F | 35°C /95°F |

WHT :
(Lm/m)

| CCT | 2700K | 3000K | 3500K | 4000K | 5300K | Max. Run Length | Unit Cut |
|-------|-------|-------|-------|-------|-------|-----------------|----------|
| 5W/M | 340 | 350 | 345 | 380 | 390 | 25m | 50mm |
| 10W/M | 640 | 670 | 650 | 730 | 750 | 17m | 50mm |
| 15W/M | 915 | 960 | 930 | 1050 | 1080 | 13m | 50mm |

2 STEP

UV PROTECTED

WATERPROOF IP67

L70B10 >54000H

LUMILEDS

30 MTS/REEL AVAILABLE

RESISTANT TO CHEMICAL

IQ:

| CCT | LM/Mtr | Max. Watt | Max. Run Length | Unit Cut |
|-------------|--------|-----------|-----------------|----------|
| 2700K | 510 | 7.5W/M | 5M | 50mm |
| 5300K | 533 | 7.5W/M | 5M | 50mm |
| 2700K+5300K | 1035 | 15W/M | 5M | 50mm |

RGB:

| CCT | LM/Mtr | Max. Watt | Max. Run Length | Unit Cut |
|-----|--------|-----------|-----------------|----------|
| R | 110 | 5W/M | 13M | 62.5mm |
| G | 300 | 5W/M | 13M | 62.5mm |
| B | 50 | 5W/M | 13M | 62.5mm |
| RGB | 450 | 15W/M | 13M | 62.5mm |

Note:

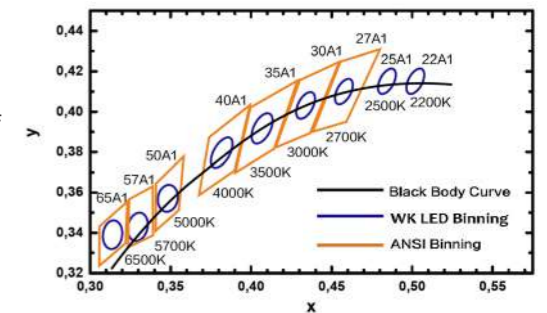
- When ambient temperature reaches 55°C , the power is suggested to be 5W/M.
- Max. run length refers to single side feed in serial connection.
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is the temperature of finished product.

ORDER CODE

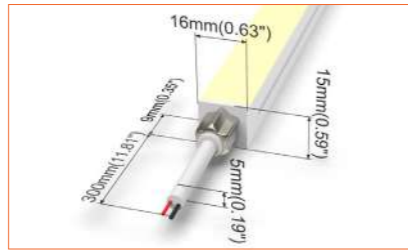
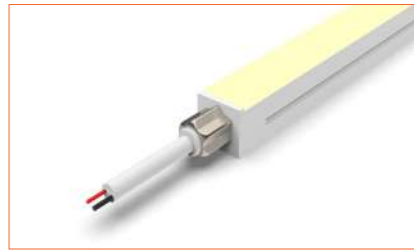
| SERIES NAME | COLOR | LENGTH | POWER | CABLE ENTRY |
|-------------|----------|------------------|---------|-------------|
| ALPHA 1615S | 27=2700K | 05000=5M/196.85" | 005=5W | F=FRONT |
| | 30=3000K | | 010=10W | S=SIDE |
| | 35=3500K | | 015=15W | B=BOTTOM |
| | 40=4000K | | | |
| | 53=5300K | | | |
| | IQ | | | |
| | RGB | | | |

Example:
ALPHA 1615S-30-01500-015-S:
LINEAR ALPHA 1615S, 3000K,
1.5M/reel, 15W/M, Side cable entry.

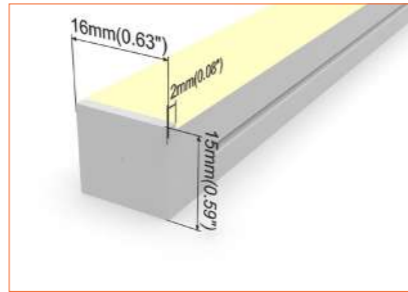
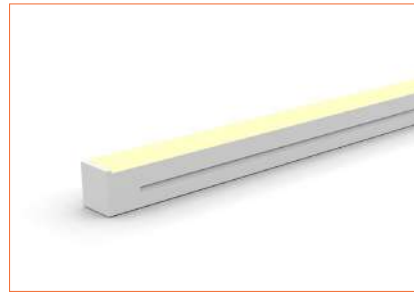
- 1.Max production length 30meters per reel, and the standard packaging is 10meters per reel.
- 2.Standard cable length is 30cm, if you need cable longer than 30cm, please mention us the required cable length.
- 3.Patented easy endcap achieves mechanical IP67 waterproof without any glue.
- 4.It is IK08 rated.



INTEGRATED ENDCAP CABLE ENTRY



Front Cable Entry



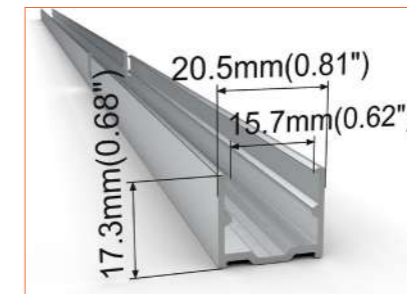
End Cap



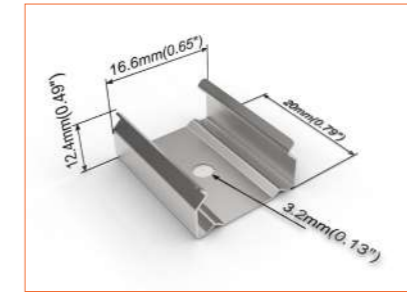
IP67 Connector 2Pin
Suitable for Integrated end cap

Note: With 10w/m, suggested cable lengths is 10 maximum

ACCESSORIES



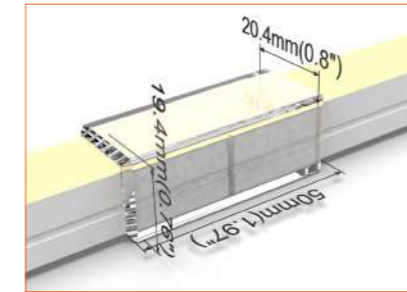
Aluminium Profile
Order Code: AC013-AP
Dimension: 1000x20.5x17.6mm/
39.37"x0.81"x0.69" (LxWxH)
Material: aluminium
Color: silver



Mounting Clips
Order Code: AC014-SET
Dimension: 20x16.6x12.4mm/
0.79"x0.65"x0.49" (LxWxH)
Material: stainless steel
Color: silver
Each meter led strips needs 4
clips + 4 screws



Aluminum mounting clips
Order Code: AC015-Set
Dimension: 20.5x17.6x20mm/
0.8"x0.69"x0.79" (LxWxH)
Material: aluminum
Color: Silver



IP20-CONNECTOR
Indoor using only
AD006-2
Dimension: 50mmx20.4mmx19.4mm
(1.97"x0.8"x0.76") (LxWxH)
Color: Transparent



IP67 Connector 2PIN
Order Code: AD007-2
Wire Gauge: 0.519mm²/20AWG
Protection: IP67 (Mated)
Mechanical Operation: >500
mating cycles

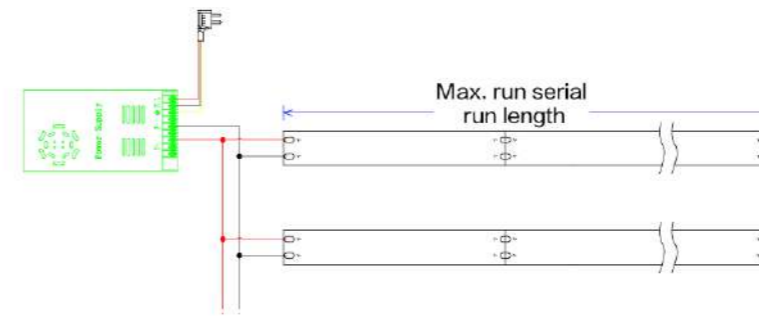


IP67 Connector 2PIN
 Order Code: AD007-2
 Wire Gauge: 0.519mm²/20AWG
 Protection: IP67 (Mated)
 Mechanical Operation: >500 mating cycles



LINEAR ALPHA Scissor
 Order Code: AF001-1

WIRING DIAGRAM



Single Side Feed In

-Maximum single run length depends on the wattage of power supply and LED Strip:

For WHT Color (Single Color) :
 5W/M – 27M Max. Single Run Length;
 10W/M – 17M Max. Single Run Length;
 15W/M – 14M Max. Single Run Length;
 The strip is 10m/reel at standard.

For Tunable white (IQ):
 15W/M – 5M Max. Single Run Length

For RGB:
 11W/M – 5M Max. Single Run Length

-Please contact us if >150W power supply is needed.

-Please contact us if you need dimmable function.

DRIVER



Order code: LRS-150-24
 85-132VAC/ 170-264VAC
 by switch DC24V 150W
 IP20, global certification
 Indoor use only.



Order code: XLG-150-24-A
 AC100-305V DC24V 150W
 IP67, Global certification.
 Non Dimmable.



Order code: ELG-150-24B
 AC100-305V DC24V 150W
 IP67, Global certification
 3in1 dimming function: 0-10Vdc,
 10V PWM signal and resistance.



Order code: ELG-150-24DA
 AC100-305V DC24V 150W
 IP67, Global certification
 Dali control technology.

| Type | Rated Power/Mtr | Power Supply | | | | | |
|---------------------------|-----------------|--------------|-----|------|------|------|------|
| | | 50w | 75w | 100w | 150w | 200w | 350w |
| Ledline Aston 1615 WHT | 10w | 4m | 6m | 8m | 12m | 16m | 28m |
| Energizing | | | | | | | |

Note:
 1. When we choose the power supply, it should be the power of the power supply is greater than 80% of the total power of the product.
 2. Above are the light maximum recommended running length subject to selected power supply.
 3. For example: It is recommended to use one 200w power supply loading maximum 16m light by energizing the light one end or use one 350w power supply loading maximum 24m by energizing the lights both ends.



APPLICATION

- ▶ Facade lighting, contour lighting and landscape lighting.
- ▶ Indirect interior, marine lighting
- ▶ Signage and illuminated advertising.
- ▶ Ideal for architectural lighting, coves, object integration.

ADDITIONAL INFO.

- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of LINEAR ALPHA 1615S is 240mm, do not bend to side direction, or bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser or incorrect voltage conditions.

