

front view neon NL-1515VL-BX



Flame
Protected



Resistant
to solvents



Saltwater
resistant



UV resistant



IP67 Immersion
Protection



LK08
protection



Beam
angle

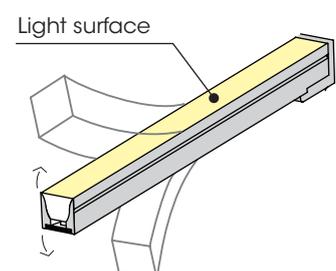
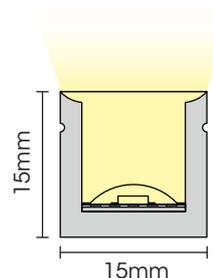


Min. bending
diameter

BRIEF PARAMETERS

| | |
|-----------------------|--|
| Forward Voltage: | 24VDC |
| Power: | <12W/m |
| Led color: | White |
| Wave length: | 2700-6500K |
| Width: | 15mm |
| Thickness: | 15mm |
| Min. Bending diameter | ≥100mm |
| IP grade | IP67 / IP65 (Depending on the connectors used: factory or mounted) |

FRONT VIEW
Vertical Bending
Vertical bending against
the light surface



PRODUCT FEATURES

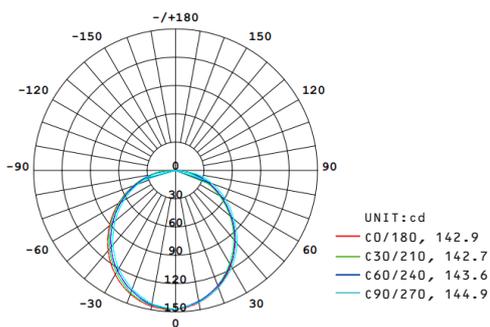
- Dimension: 15x15mm. Vertical Bending, Freely cutting.
- Led strip inside: 120led/m SMD2835.
- Standard SDCM<5 (SDCM<3 is available).
- Perspective marking precisely with 100% accurate: we're the first one to use the perspective marking machine to make neonflex in error-free cutting point.
- Special design, still works however inner FPC board damaged in one or more pieces.
- Constant voltage, 5m/pcs, freely cutting with the fast connectors.
- End cap designed by the same width as the tape light; power cords with 2 directions: straight powered and back powered.
- With matte treatment, smooth surface and resistant to dust.

OPTICAL PARAMETER

| Item | Color/CCT | Lumen/m | Power/m | Voltage | Light efficiency | CRI (Ra) | Max. Run (single end feed) | Minimum section | Color tolerance |
|--------------|-----------|---------|---------|---------|------------------|----------|----------------------------|-----------------|-----------------|
| NL-1515VL-BH | 2700K | 570Lm | <12W | 24VDC | 47lm/W | 90+ | 5m | free cutting | SDCM<5 |
| NL-1515VL-BC | 3000K | 600Lm | <12W | 24VDC | 50lm/W | 90+ | 5m | free cutting | SDCM<5 |
| NL-1515VL-BN | 4000K | 630Lm | <12W | 24VDC | 52lm/W | 90+ | 5m | free cutting | SDCM<5 |
| NL-1515VL-BF | 6500K | 630Lm | <12W | 24VDC | 52lm/W | 90+ | 5m | free cutting | SDCM<5 |

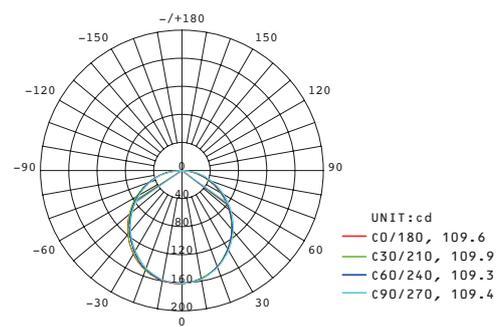
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

3000K

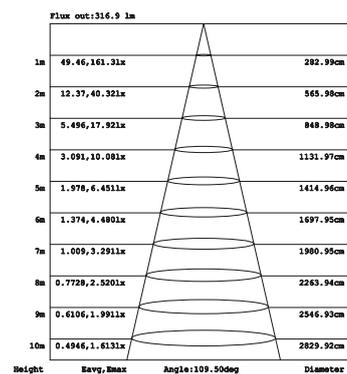
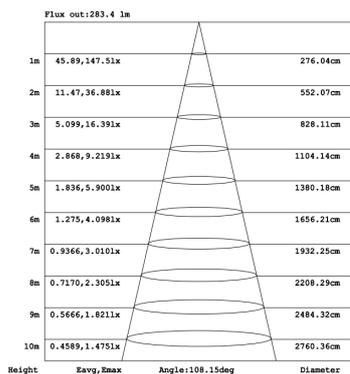


AVERAGE BEAM ANGLE (25%): 143.5 DEG

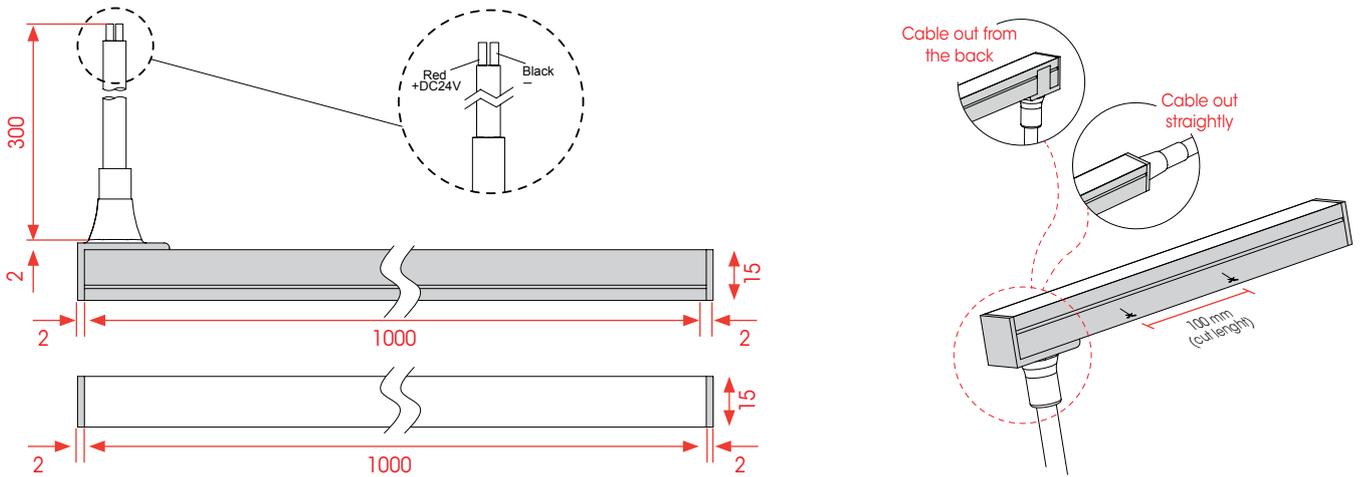
4000K



AVERAGE BEAM ANGLE (50%): 109.5 DEG

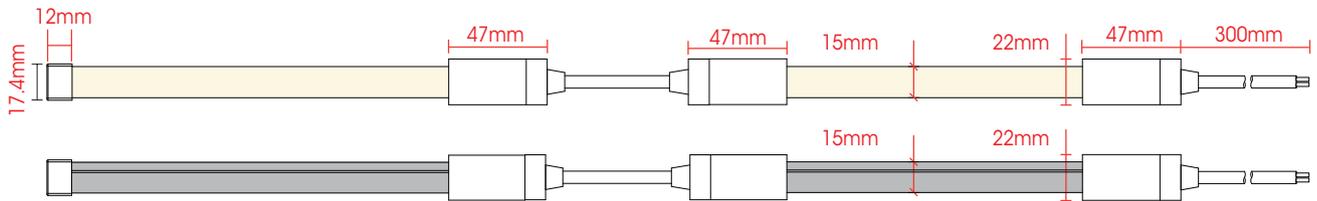


DIMENSIONS AND OUTLET DIRECTION
Unit:mm



Notice: End cap with the same width as the tape light.

CONNECTING ACCESSORIES
(IP65)



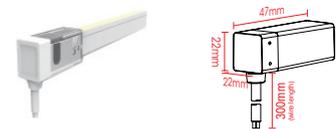
Initial cap with straight cable hole
NL-1515V-CAP1 / NLT-1515V-CAP-1



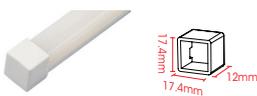
Straight initial connection
NL-1515V-WIRE-I



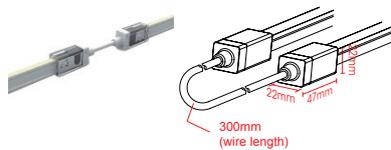
Bottom initial connection angled
NL-1515V-WIRE-LI



Assembly end cap
NL-1515V-CAP2 / NLT-1515V-CAP



Intermediate connection
NL-1515V-JOIN



Left side initial connection angled
NL-1515V-WIRE-LL

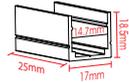


Right side initial connection angled
NL-1515V-WIRE-LR

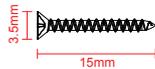


INSTALLATION ACCESORIES

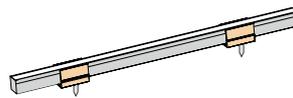
Aluminium Buckle - **NL-1515V-CLIP**
17x18,5x25mm



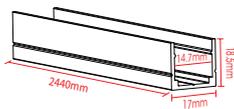
Screw
15x3.5mm



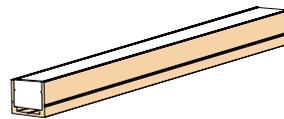
| | |
|--------|-------|
| Lenght | 1000m |
| Buckle | 4pcs |
| Screw | 4pcs |



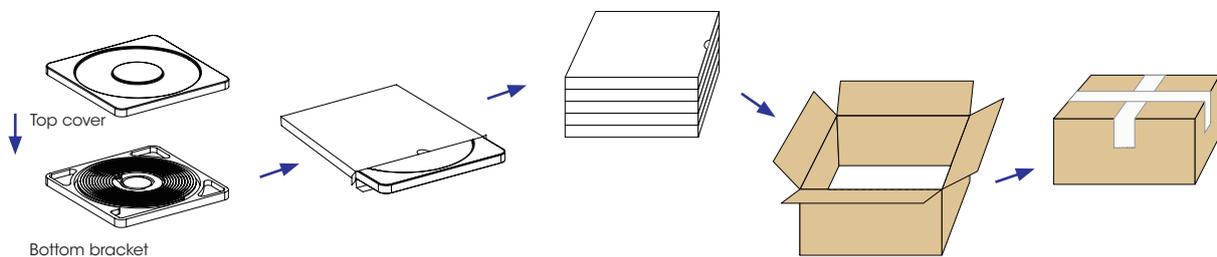
Aluminium profile - **NL-1515V-PF-AL**
17x18.5x2440mm



| | |
|--------|-------|
| Lenght | 2440m |
|--------|-------|

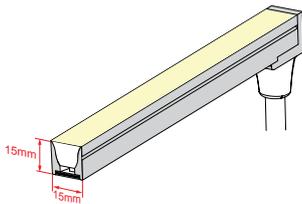


PACKAGING

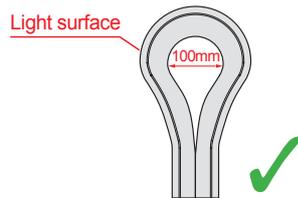


NEON LED STRIP INSTRUCTION AND CAUTION

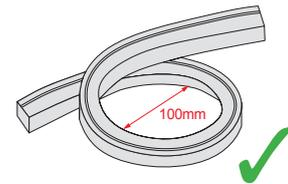
Light profile



Correct bending way

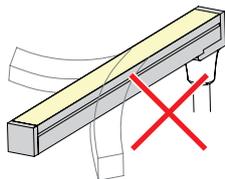
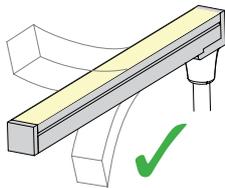


Face to the light surface
fold the strip, the minimum
bending diameter is 100mm.

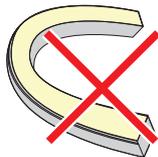


Light surface upwards, the
strip is bendable to right or
left naturally, the minimum
bending diameter is 100mm.

Bending direction profile



Incorrect bending way



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



Face to the side surface,
(as the picture shows)
Do not bend upward to
damage the strip.



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