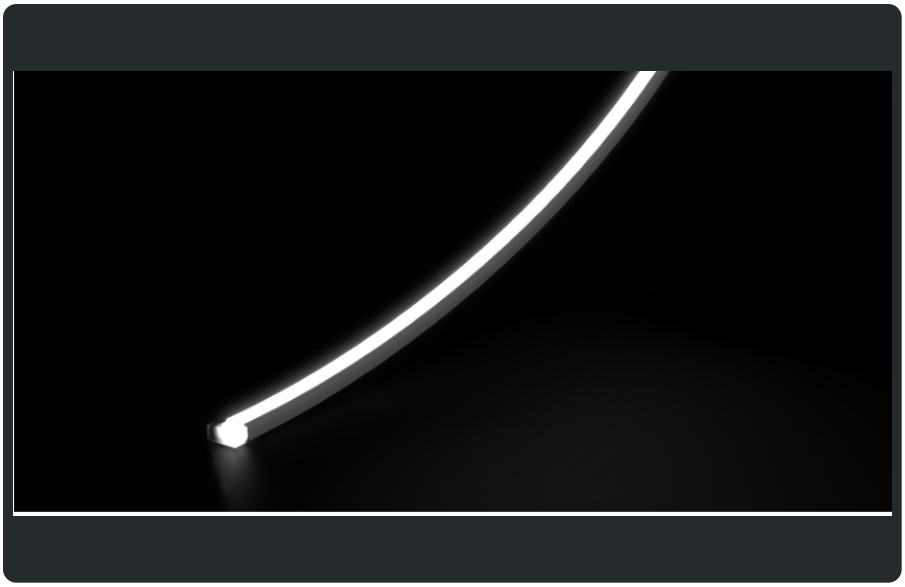
PS-702-MFB

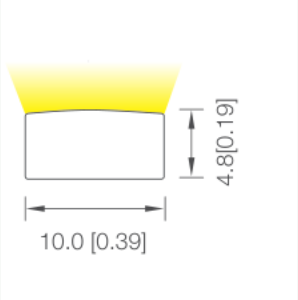
PROSERIES LED NEON

PROSERIES LED NEON | MICRO FLEX | FRONT BENDING ONLY



FRONT / TOP BENDING

NO SIDE BENDING



10 mm W x 4.8 mm H

0.39" W x 0.19" H

DESCRIPTION

PS-702-MFB is a slender, flexible single-color LED neon system for precise signage, decorative accents and fine architectural detailing. Its front/top-bending profile traces smooth curved forms along the illuminated face.

BENDING GEOMETRY

Front bending only, including convex and concave curves along the light-emitting face. Side bending is prohibited. Minimum bend diameter: 30 mm (1.18 in). Do not twist or make sharp angular bends.

PROFILE & MOUNTING

Nominal 10 mm wide x 4.8 mm tall. Factory-provided front and closing caps; compatible mounting clips and channels. Optional length customization within a 5 m maximum assembly.

LED & ELECTRICAL

24 VDC input, nominal 7.2 W/m (2.19 W/ft); 336 LEDs/m, 115 degree nominal beam. White color temperatures: CRI above 90.

ENVIRONMENT & PROTECTION

IP67 with factory-sealed terminations. Operating temperature: -20 to +60 C; storage: -20 to +70 C. Use suitable wet-location cables and protection when outdoors.

DIMMING / CONTROLS

Static single-color products support compatible PWM, 0-10V, DALI and DMX dimming systems. Use a properly rated remote 24 VDC supply and applicable control interfaces.

PRODUCT USE & WARRANTY

For sign and decorative lighting rather than general illumination. Legacy product coverage: 5 years indoor, 3 years outdoor, subject to applicable Neotek terms. Wet-location protection requires factory-approved construction and sealed terminations.

PS-702-MFB

PROSERIES LED NEON

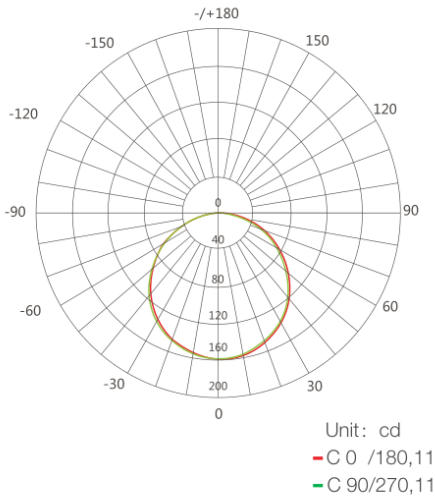
WHITE / STATIC COLOR PERFORMANCE | 24 VDC

OPTICAL & ELECTRICAL PERFORMANCE

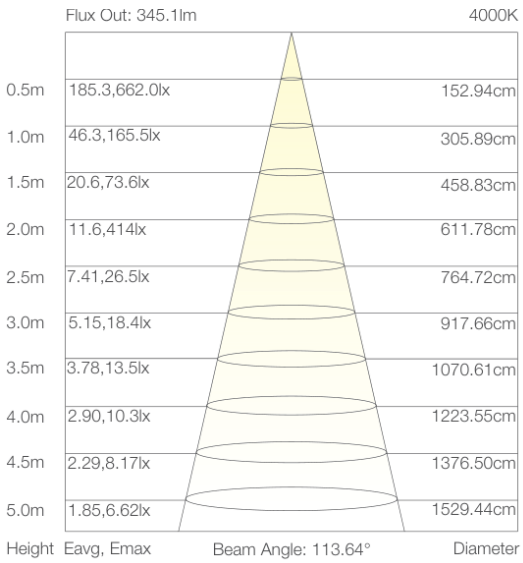
NOMINAL: 7.2 W/M (2.19 W/FT) | BEAM ANGLE: 115 DEG | 336 LEDS/M

LED COLOR / CCT	LM/M	LM/FT*	LM/W
2200K	388	118.3	51
2700K	454	138.4	61
3000K	467	142.3	62
3500K	496	151.2	65
4000K	470	143.3	63
5000K	520	158.5	70
6000K	490	149.4	66
Static Red	45	13.7	6
Static Green	510	155.4	71
Static Blue	98	29.9	13
Static Yellow	48	14.6	6
Static Orange	40	12.2	5

* LM/FT converted from source LM/M values; ratings are nominal for the listed color.
Final field output depends on mounting, lengths, control settings and supply conditions.



AVERAGE BEAM ANGLE (50%): 113.9°



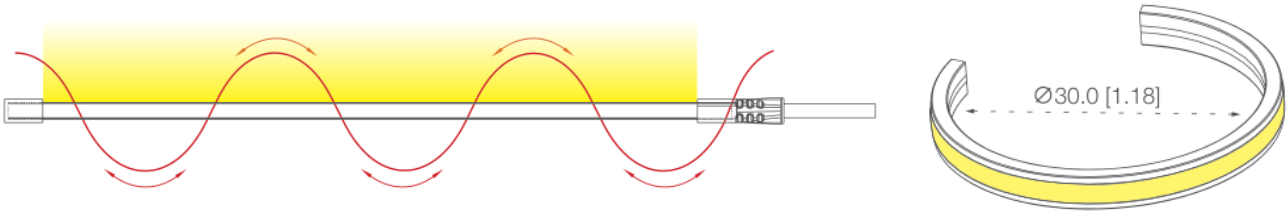
4000K reference distribution: average beam angle 113.9 degrees (50% intensity).

PS-702-MFB

PROSERIES LED NEON

FRONT-BEND PROFILE | WIRING AND SUPPLY

FRONT / TOP BENDING - NO SIDE BENDING



Permitted bend path: across the luminous face, convex or concave only.

Minimum front-bend diameter 30 mm / 1.18 in. Never bend sideways.

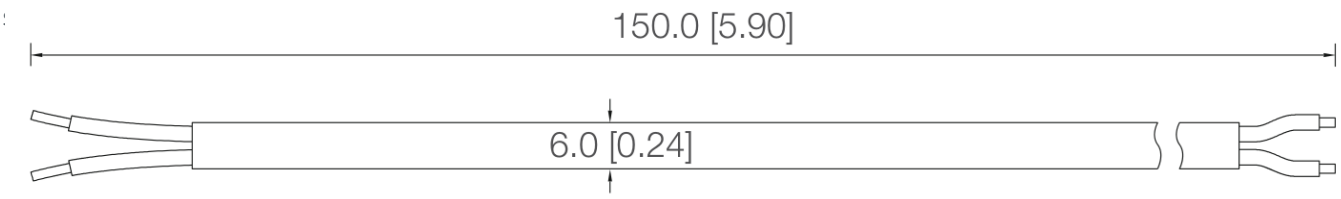
END VIEW, END CAPS & CROSS-SECTION



Profile 10 x 4.8 mm; front and closing end caps vary by connection method.

POWER SUPPLY SELECTION & WIRING

RUN LENGTH	MEASURED CURRENT	MEASURED POWER	RECOMMENDED DRIVER	FEED
1 m	0.30 A	7.2 W	12 W	Single
5 m	1.34 A	32.16 W	48 W	Single



General lead illustration; specified wire and end-cap configuration to be confirmed with Neotek.

PS-702-MFB

PROSERIES LED NEON

MOUNTING, ACCESSORIES & INSTALLATION

FRONT AND CLOSING CAPS | CLIPS | CHANNELS



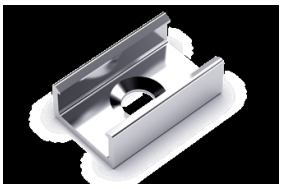
FRONT CAP

25 x 12.7 x 7.6 mm



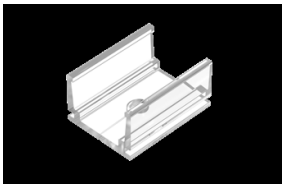
CLOSING CAP

11 x 12.7 x 6.6 mm



ALUMINUM CLIP

20 x 12.4 x 7 mm



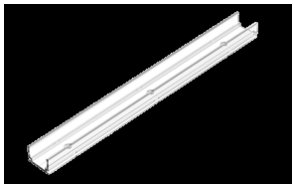
PLASTIC CLIP

25 x 12 x 9 mm



SCREWS

3 x 10 mm reference

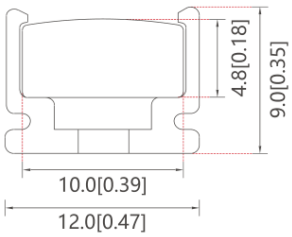


PLASTIC CHANNEL

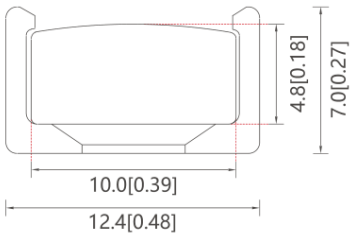
1000 x 12 x 9 mm

Mounting clips and channel options depend on application and installation conditions.

MOUNTING DETAIL / PROFILE SECTION

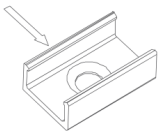


CLIP MOUNTING SECTION

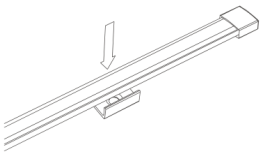


CHANNEL MOUNTING SECTION

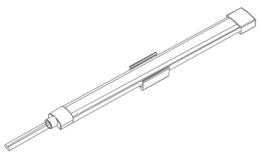
INSTALLATION SEQUENCE



Screw the aluminum channel to the installation position.



Press the strip into the aluminum channel



Finished

Fix the approved track first; insert the neon gently without forcing or side-bending it.

Neotek LIGHTING

PS-702-MFB

PROSERIES LED NEON

RELIABILITY & INSTALLATION REQUIREMENTS

REFERENCE RELIABILITY TEST SUMMARY

The provided product information reports environmental and mechanical testing as passing. These are reference data; request project-specific qualification documentation where required.

TEST	SOURCE TEST CONDITIONS	RESULT
Temperature cycling	Alternate +60 C / +20 C / -40 C temperature cycling under power	Pass
High-temp resistance	Continuous operation in elevated temperature (60 C reference)	Pass
Room-temp aging	Continuous powered operation at room temperature (25 C reference)	Pass
Tensile testing	Power-on tensile force applied to fixture ends	Pass
Twisting resistance	One forward / reverse rotation cycle, ten repetitions in source test	Pass

IP67, HANDLING AND INSTALLER COORDINATION

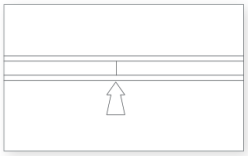
- IP67 design requires factory assembly and sealed ends; source limits short immersion to 1 m for no more than 1 hour. Confirm exposure and drainage details for the project.
- Use the correct supply voltage (24 VDC) and matched dimming equipment. Confirm conductor polarity, electrical loading and protection before powering.
- Front/top bending only. Observe the minimum diameter of 30 mm. Side bends, hard folds, twists and repeated reverse bending can damage the product.
- Secure clips or tracks before pressing in the flexible fixture. Do not crush, pierce or use sharp objects against the light-emitting surface.
- Where leads are lengthened use at least 18 AWG (0.75 mm2) conductors; minimize driver-to-fixture cable length to limit voltage drop.
- Outdoor end connections must be waterproof, insulated, and corrosion protected. Qualified technicians should install and service the system.

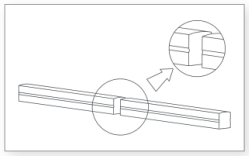
PS-702-MFB

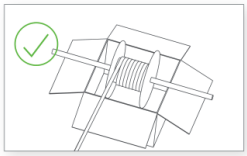
PROSERIES LED NEON

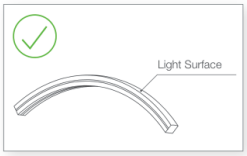
FRONT BENDING ONLY | CAUTION & HANDLING

CAUTION | FRONT / TOP BENDING ONLY - NO SIDE BENDING

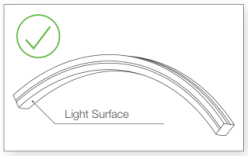

Cuttable identifier


Neat and smooth cut

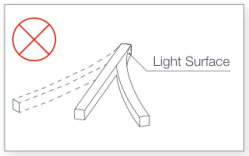

Insert a stick on the reel and place it on the packing box,and rotate the reel to get the product.



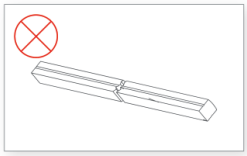
use in convex direction

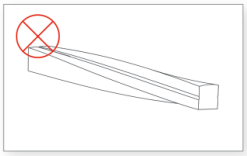


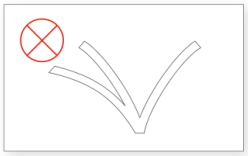
Use in concave direction



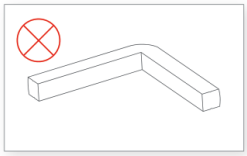
Side bending


Do not make irregular cuts.

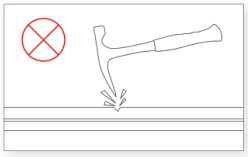

Do not use in distortions


Do not bend many times,for it can endanger electronic lines.


Do not use on wringing(twist)


Do not bend at right angles


Do not throw or pull when taking products


Avoid touching sharp objects

CRITICAL INSTALLATION GUIDANCE

Correct: make smooth front/top bends following the light-emitting face in the permitted convex or concave direction. Minimum bending diameter: 30 mm (1.18 in). Do not bend the strip sideways.

Avoid: sharp corners, irregular cuts, twists, repeated flexing, forceful pulling and contact with sharp objects. Support the strip in suitable mounting hardware and protect all electrical connections.

PS-702-MFB

ProSeries LED NEON

PROJECT / CUSTOMER SELECTIONS

PS-702-MFB | CUSTOMER CONFIGURATION

STATIC WHITE COLOR TEMPERATURE

- ☐ 2200K
- ☐ 2700K
- ☐ 3000K
- ☐ 3500K
- ☐ 4000K
- ☐ 5000K
- ☐ 6000K

STATIC COLORS

- ☐ Red
- ☐ Green
- ☐ Blue
- ☐ Yellow
- ☐ Orange

DIMMING / CONTROL (24 VDC)

- ☐ PWM
- ☐ 0-10V
- ☐ DALI
- ☐ DMX

MOUNTING / TERMINATION

- ☐ Aluminum clips
- ☐ Plastic clips
- ☐ Plastic channel
- ☐ Custom

Length: _____ Wire exit / lead length: _____

Mount / custom notes: _____

STANDARD PRODUCT REQUIREMENTS

IP67 | 24 VDC | FRONT / TOP BENDING ONLY | NO SIDE BENDING

Project coordination: confirm bend orientation, radius, static light color, driver/control compatibility, mounting channel and factory sealing with Neotek before release. Standard run is 5 m.