

# Neotour PROFILE SERIES

## LOW VOLTAGE LINEAR LUMINAIRE

The imitation of neon with an LED has never been so simple or appealing. Thanks to Prolume’s Neotour offering, specifiers are now able to replicate a soft neon glow that previously was only possible through traditional neon tubes.

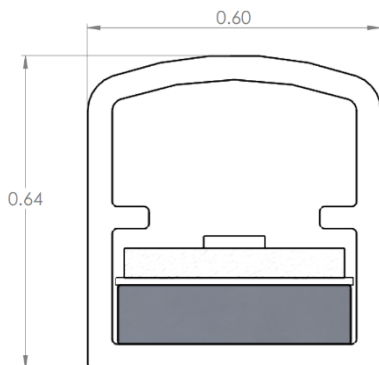
Utilizing a tight pitch LED spacing in conjunction with a proprietary frosted lens, the **Neotour** delivers a neon glow certain to complement and please. Constructed using LEDs from industry leaders and implementing a very tight binning process, the **Neotour** ensures consistency in color temperature and hue. Like all other members of the Profile Series, **Neotour** consumes a trivial 2 watts per foot and will contribute to power savings in all applications.

With fixed and articulating mounting options available and the ability to daisy chain multiple fixtures to a single driver, **Neotour** is an ideal solution for applications striving to add the flair of smooth neon lighting to any venue.

### Features

- Made in America craftsmanship and quality
- Tailored fixture lengths, CCT, CRI and watts per foot to meet exact application requirements
- Available in four colored LED options
- Ultra-low profile for seamless application integration
- Fixed and articulating mounting options
- Fixtures can be daisy chained to form a longer run and energized from a single driver

### Mechanical Profile & Compliance



- All dimensions in INCHES



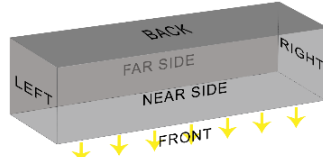
| Specifications                      |  |       |       |       |       |
|-------------------------------------|--|-------|-------|-------|-------|
| CCT                                 | 2700K  | 3000K | 3500K | 4000K | 5000K |
| LED Pitch                           |  |       |       |       |       |
| Lumen Output                        |  |       |       |       |       |
| Frosted & SO                        | 101  | 110   | 118   | 124   | 131   |
| Frosted & HO                        | 191  | 213   | 220   | 224   | 245   |
| CRI                                 | 80+  |       |       |       |       |
| Beam Angle                          | 170°   |       |       |       |       |
| Lens                                | Frosted  |       |       |       |       |
| Dimmable                            | Yes  |       |       |       |       |
| On Board Dimming                    | No   |       |       |       |       |
| Bend Radius <sub>max ft</sub>       | 18   |       |       |       |       |
| Construction                        | Polycarbonate Plastic  |       |       |       |       |
| Housing                             | Polycarbonate body & lens  |       |       |       |       |
| Fixture Length                      | Min 5"   Max 102"  |       |       |       |       |
| Ordering Increments                 | 1"   |       |       |       |       |
| Power Consumption <sub>(W/Ft)</sub> | 2W   |       |       |       |       |
| Efficacy <sub>(LM/W)</sub>          |  |       |       |       |       |
| Frosted & SO                        | 51   | 55    | 59    | 62    | 66    |
| Frosted & HO                        | 64   | 71    | 73    | 75    | 82    |
| Power Supply                        | Class II   |       |       |       |       |
| Operating Voltage <sub>DC</sub>     | 24V  |       |       |       |       |
| Fixture Connectors                  | Indoor PlugnGo, Outdoor PlugnGo  |       |       |       |       |
| Fixture Mounting                    | Very High Bond Tape, Spring Clip, Articulating Clip, Channel Clip, Deep Channel Clip |       |       |       |       |
| Environmental Rating                | Wet (IP65)   |       |       |       |       |
| Certifications                      | UL   |       |       |       |       |
| Warranty <sub>Limited</sub>         | 5 years  |       |       |       |       |
| Product Dimensions <sub>wxh</sub>   | 0.60 x 0.62 in   |       |       |       |       |
| Operating Temp Range                | -20 to 120 °F  |       |       |       |       |
| Storage Temp Range                  | -40 to 160 °F  |       |       |       |       |
| Weight                              | 0.15 lb / ft   |       |       |       |       |

Specification subject to change without prior notification

## Ordering Information

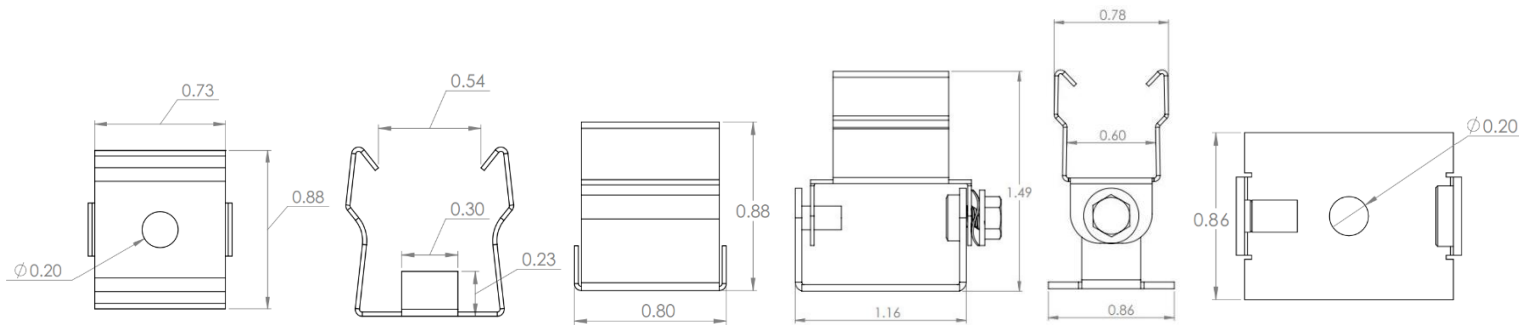
Example: NEO-55S-830F-90-LE-IRX-AS-SR

| Product | Length <sup>1</sup> | Output   | CRI <sup>2</sup> | Color    | Extrusion | Beam Angle | Ingress Cable Orientation | iPosition   | Termination <sup>3</sup> | Egress Cable Orientation <sup>4</sup> | ePosition                                      | Mount  | Accessory              | APosition  |
|---------|---------------------|----------|------------------|----------|-----------|------------|---------------------------|-------------|--------------------------|---------------------------------------|--|--|------------------------|--|
| NEO     | ##                  | SO<br>HO | 80+<br>90+       | 27<br>30 | Frosted   | 170        | Left<br>Right             | End<br>Back | IPG<br>OPG               | Right<br>Left                         | X - None<br>End<br>Back<br>Nearside<br>Farside | BT - Very High Bond Tape<br>SC - Spring Clip<br>AS - Articulating Spring Clip<br>CC - Channel Clip<br>DC - Deep Channel Clip | Blank - None<br>Switch | Blank - None<br>Nearside<br>Farside<br>Back<br>FRont |



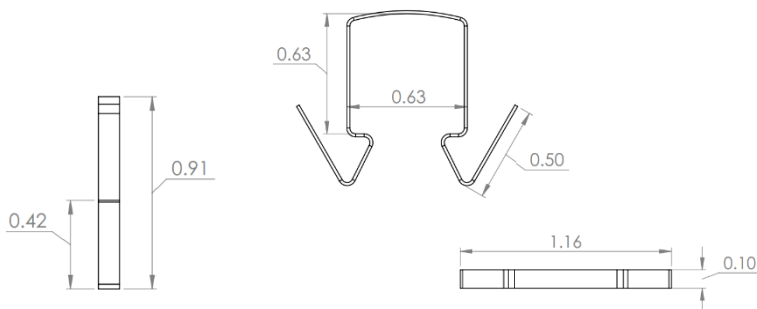
<sup>1</sup> Fixture length in inches, <sup>2</sup> CRI does not apply to Colors; leave blank <sup>3</sup> Indoor PlugnGo, Outdoor PlugnGo <sup>4</sup> Will always be the opposite letter of the Ingress Cable Orientation (R or L)

## Mounting Clips

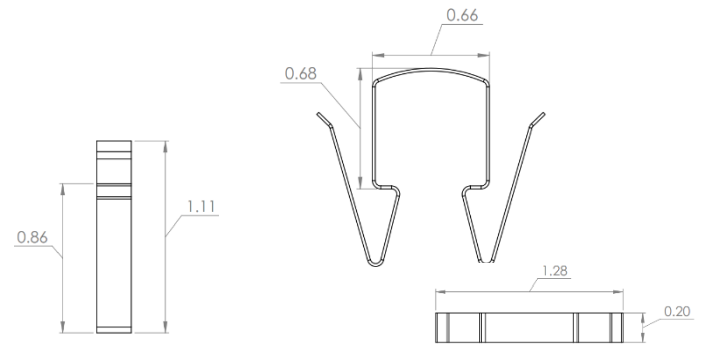


Stainless Spring Clip

Articulating Spring Clip



Steel Channel Clip



Deep Channel Clip

- All dimensions in INCHES

## Dimming

The **Profile Series** integrates on board constant current regulation and requires a constant voltage power supply input. Dimming of these fixtures is achieved via Pulse Width Modulation, PWM, to control the driver output. The two methods recommended for dimming are through use of an inline PWM dimming controller in conjunction with the constant voltage power supply, or through use of a dimming compatible driver that will output a PWM signal.

