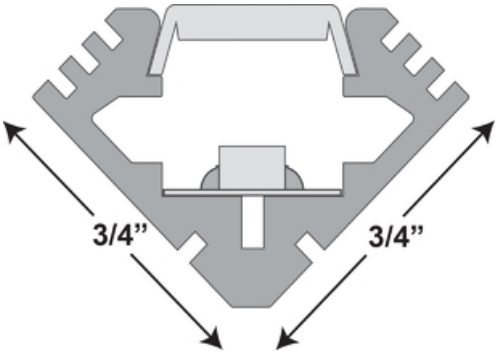
NL-150

ANGLED LINEAR LED

STATIC IP22 / IP67 | RGB IP22

STANDARD OUTPUT | 3.0 W/FT NOMINAL | 24 VDC REMOTE POWER





ANGLED PROFILE | 3/4" SIDES

FIXTURE DESCRIPTION

Architectural linear LED fixture with a distinctive angled aluminum profile for corner, edge and accent lighting. The NL-150 uses a single LED strip with a clear or frosted polycarbonate lens.

HOUSING & OPTICS

Aluminum extrusion with two inclined outer faces measuring 3/4 in. each. The profile directs light from its angled lens opening with 60-degree nominal illumination.

MOUNTING & END CAPS

Zinc-matte finished retaining brackets secure the fixture to a compatible mounting surface. Polypropylene end caps close exposed ends, with wire-exit openings as needed. See page 2 for the original mounting sequence.

REMOTE POWER & CONTROL

An accessible, remote 24 VDC power supply is required. Dimmable or non-dimmable driver arrangements may be specified. RGB uses compatible remote DMX512 control or decoder equipment.

LED PERFORMANCE

One 24 VDC SMD 3528 LED strip at 3.0 W/ft nominal. Static-white output: 420 lumens per linear foot and 60-degree nominal beam, as specified for the NL-150.

COLOR & IP AVAILABILITY

White and fixed static colors may be specified in IP22 or IP67. Color-changing RGB is IP22 only. RGBW is not available. Outdoor assemblies require proper IP67 construction and sealing.

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NL-150

ANGLED LINEAR LED

STATIC IP22 / IP67 | RGB IP22

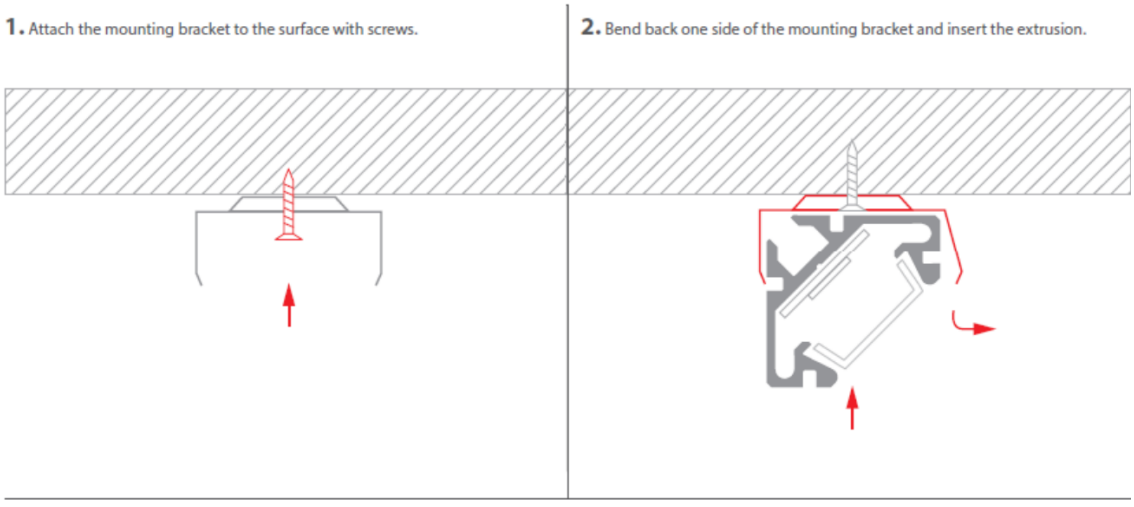
MECHANICAL & INSTALLATION | ANGLED BRACKET-MOUNT PROFILE

The NL-150 uses a 45-degree-style angled aluminum housing with a matching retaining bracket. The original Neotek bracket installation method is reproduced below for design coordination; select fasteners for the substrate and confirm service access and wire routing.

PROFILE, MATERIALS & MOUNTING DETAILS

ITEM	SPECIFICATION / DETAIL
Angled aluminum housing	Two outside angled faces shown as 3/4 in. each in the dimensioned original end view; single LED strip inside.
Lens and end caps	Removable clear or frosted polycarbonate lens; polypropylene end caps with or without wire exits.
Mounting bracket	Zinc-matte retaining clip; original bracket drawing indicates a 0.79 in. (20 mm) nominal width.
Finish selections	Standard mill aluminum, black or custom powder-coated finish; provide RAL reference for a close color match.

TWO-STEP BRACKET INSTALLATION



Mounting sequence: Secure the retaining bracket to the mounting surface using suitable screws. Gently flex one side of the bracket as shown and seat the angled extrusion until retained. Verify the fixture is securely supported before energizing.

Outdoor/IP67 coordination: Specify sealed static-white or fixed-color assemblies only; provide compatible cable exits, end-cap sealing, and corrosion-appropriate mounting details. RGB remains IP22 only. All power supplies and control packs are remote.

NL-150

ANGLED LINEAR LED

STATIC IP22 / IP67 | RGB IP22

LED PERFORMANCE | STATIC WHITE, STATIC COLORS & RGB

The NL-150 uses a single 24 VDC LED strip. Fixed white and static color configurations are offered in IP22 or IP67, while RGB color changing is limited to IP22. RGBW is not offered in this profile.

STATIC WHITE LED DATA | ONE STRIP | IP22 / IP67

ITEM	SPECIFICATION / DETAIL
LED type / configuration	24 VDC SMD 3528 linear LED strip, single-row installation.
Nominal power	3.00 W/ft (9.84 W/m nominal fixture power).
Available white CCTs	2400K, 2800K, 3000K, 3500K, 4000K and 6500K.
Lumen output	420 lm/ft nominal static-white rating.
Illumination angle	60 degrees, based on the original NL-150 fixture specification.
Power supply	Remote 24 VDC solid-state driver; dimming method to suit the selected control package.
IP22 / IP67 availability	White-light configurations available in IP22 or properly sealed IP67 construction.

STATIC COLORS & RGB | CONFIGURATION LIMITATIONS

ITEM	SPECIFICATION / DETAIL
Static fixed colors	Red, Green, Blue or Amber; individual fixed-color LED tape. IP22 or IP67.
RGB color changing	RGB available for IP22 applications only; no RGB IP67 option.
RGB controls	DMX512-compatible remote decoder/control equipment; confirm power and channel requirements.
RGBW	Not available for the NL-150.
Lens / appearance	Clear or frosted lens selection may affect color appearance and delivered fixture output.
Electrical / lumen data	Static-color and RGB power and light output depend on selected strip and channel mix; verify project values.

APPLICATION AND CONTROL REMINDERS

For exterior installations, use white or fixed static colors with approved IP67 sealing. RGB is IP22 only; all power supplies and controls remain remote.

Neotek LIGHTING

NL-150

ANGLED LINEAR LED
STATIC IP22 / IP67 | RGB IP22

CUSTOMER CONFIGURATION | SELECT OPTIONS BELOW

NL-150 | FIXTURE SELECTIONS

STATIC IP22 / IP67 | RGB IP22

Project / Fixture ID: _____ Quantity: _____

FIXTURE LENGTH / LENS / END CAPS

FIXTURE LENGTH (SPECIFY)

Length: _____

LENS (SELECT ONE)

- ☐ Frosted
- ☐ Clear

END CAPS / WIRE EXIT

- ☐ Standard end cap
- ☐ End cap with wire exit

LED COLOR CONFIGURATION | SELECT ONE

STATIC WHITE

- ☐ 2400K
- ☐ 2800K
- ☐ 3000K
- ☐ 3500K
- ☐ 4000K
- ☐ 6500K

STATIC FIXED COLORS

- ☐ Red
- ☐ Green
- ☐ Blue
- ☐ Amber

COLOR CHANGING

- ☐ RGB (IP22 only)

RGBW NOT AVAILABLE

IP RATING / INSTALLATION APPLICATION

SELECT IP RATING (MATCH LED COLOR ABOVE)

- ☐ IP22 | Interior
- ☐ IP67 | Static white and colors only

RGB is IP22 only. IP67 outdoor configurations require approved sealing.

REMOTE ELECTRICAL / FIXTURE FINISH

REMOTE DRIVER INPUT

- ☐ 120 VAC
- ☐ 277 VAC

DIMMING / CONTROL (AS REQUIRED)

- ☐ LV dimming
- ☐ 0-10 V
- ☐ No dimming
- ☐ DMX512 RGB

FIXTURE FINISH

- ☐ Standard mill
- ☐ Black
- ☐ Custom powder coat / RAL

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