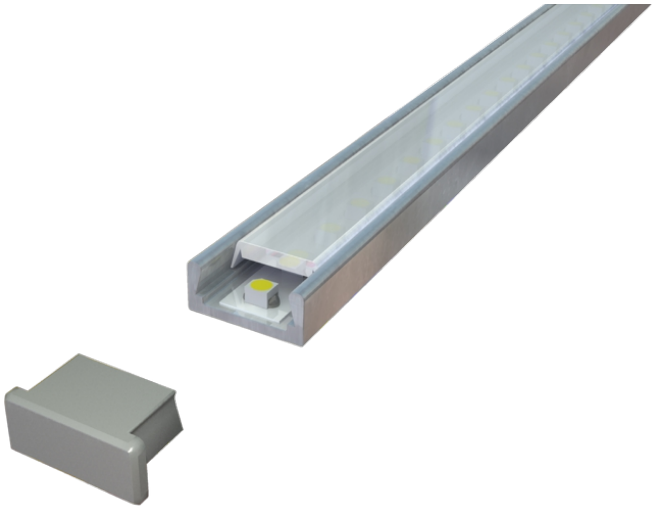
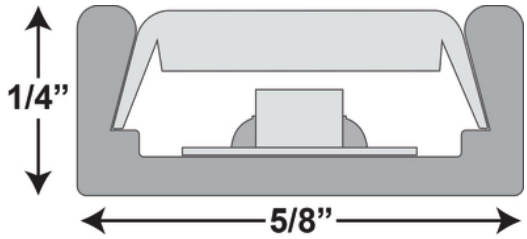
NL-010

MINIATURE LED

IP22 | SINGLE ROW

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





5/8" W x 1/4" H

SINGLE-STRIP CROSS SECTION

FIXTURE DESCRIPTION

Compact, straight architectural linear LED luminaire with a low-profile aluminum extrusion and a removable lens. Overall profile is 5/8 in. wide by 1/4 in. high. Designed for one LED strip only.

HOUSING & OPTICS

Aluminum extrusion with a clear or frosted polycarbonate lens. One 24 VDC LED tape row mounts within the profile. The original fixture cut sheet indicates a nominal 80-degree illumination angle.

MOUNTING & END CAPS

Zinc-matte mounting brackets are specified for standard installation. Polypropylene end caps close exposed ends; wire-exit openings are provided where required. Custom mounting details require Neotek review.

REMOTE POWER & CONTROL

Remote driver required. An accessible 24 VDC solid-state supply provides power. RGB configurations use compatible remote control equipment, including an external DMX decoder or data pack as needed.

LED PERFORMANCE

Single-row 24 VDC SMD 3528 LED tape, 120 LEDs/m. Standard white: 3.0 W/ft nominal; nominal lumen output 840 lm/ft. Final fixture performance may vary with selected LEDs and lens.

IP RATING & OUTDOOR USE

IP22 only for standard static white, static color and RGB configurations. No RGBW or standard outdoor-rated LED option. Contact Neotek about outdoor use, as a couple of custom options may be available.

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NL-010

MINIATURE LED

IP22 | SINGLE ROW

MECHANICAL & INSTALLATION | SINGLE-ROW COMPACT PROFILE

The NL-010 is a miniature linear fixture with limited interior volume. Its design permits one LED tape row; drivers and control devices are located remotely. Mounting, heat transfer, cable exit and service access must be coordinated for the project.

PHYSICAL CONSTRUCTION & MOUNTING

ITEM	SPECIFICATION / DETAIL
Profile dimensions	5/8 in. overall width x 1/4 in. overall height; slim aluminum extrusion.
LED strip capacity	One LED tape strip only. High-output two-row and RGBW builds are not offered in this profile.
Lens	Polycarbonate snap-in lens available in clear or frosted finish.
Mounting brackets	Zinc-matte brackets; select fasteners suitable for the mounting substrate and fixture conditions.
End caps	Polypropylene end caps at exposed ends; wiring holes may be provided as needed.
Aluminum finish	Standard mill, black or custom powder-coated finish. Color-matching requests may reference a supplied RAL number.
Installation style	Standard surface mounting; alternate details or integration into other assemblies are subject to Neotek review.

ELECTRICAL INSTALLATION & APPLICATION LIMITS

ITEM	SPECIFICATION / DETAIL
Remote power supply	24 VDC solid-state power supply, dimmable or non-dimmable; locate in a suitable accessible remote area.
Remote RGB controls	DMX512-compatible RGB controller / decoder and required data packs installed away from the fixture.
Fixture wiring	Route low-voltage conductors through a protected approved end-cap or other coordinated wire exit.
Thermal contact	Maintain proper LED tape attachment to the aluminum extrusion for thermal management.
Environment	Standard NL-010 LED configurations are IP22 only. Outdoor-rated LED strips are not offered in the standard NL-010.

Outdoor project inquiry: Contact Neotek about outdoor use, as a couple of custom options may be available. Custom outdoor arrangements require project-specific technical review and are not standard IP22 configurations.

NL-010

MINIATURE LED
IP22 | SINGLE ROW

LED PERFORMANCE | STATIC WHITE, STATIC COLORS & RGB

The NL-010 supports one 24 VDC LED strip. Standard product configurations are IP22 only. Static colors are fixed-output selections; RGB is color changing with compatible remote control hardware. RGBW is not offered.

STATIC WHITE LED DATA | SINGLE STRIP | IP22

ITEM	SPECIFICATION / DETAIL
LED technology	SMD 3528 LED tape | 120 LEDs per meter
Nominal fixture rating	3.0 W/ft (single-row standard output)
LED tape electrical reference	9.6 W/m | approximately 2.93 W/ft
Operating voltage	24 VDC constant-voltage LED tape
Color temperatures	2400K, 2800K, 3000K, 3500K, 4000K, 6500K
White lumen output	840 lm/ft nominal; verify completed-fixture photometrics

STATIC COLOR & RGB LED CONFIGURATIONS | IP22

ITEM	SPECIFICATION / DETAIL
Static single-color LEDs	Red, Green, Blue or Amber; fixed colors, not color changing
RGB LEDs	One strip with Red, Green and Blue channels; color changing
RGB control	DMX512-compatible controller / decoder or approved control system; all equipment remote
RGB power & light output	Dependent on the selected single-row RGB LED tape; confirm with Neotek before final driver sizing
Lens choices	Clear or frosted polycarbonate; lens choice affects visible LED image and delivered light
Operating environment	IP22 only for static white, static colors and RGB

CONFIGURATIONS NOT OFFERED AS STANDARD

No RGBW. No second LED strip row. No standard IP67 or outdoor-rated LED configuration. Contact Neotek about outdoor use, as a couple of custom options may be available.

Neotek LIGHTING

NL-010

MINIATURE LED
IP22 | SINGLE ROW

CUSTOMER CONFIGURATION | SELECT OPTIONS BELOW

NL-010 | FIXTURE SELECTIONS

IP22 / SINGLE STRIP

Project / Fixture ID: _____ Quantity: _____

FIXTURE LENGTH, LENS & END CAPS

LENGTH (SPECIFY)

Length: _____

LENS

☐ Frosted ☐ Clear

END-CAP / WIRE EXIT

☐ Standard end cap ☐ End cap with wire exit

LED COLOR SELECTION | IP22 ONLY

STATIC WHITE (SELECT ONE)

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

STATIC COLORS / RGB (SELECT ONE)

☐ Red ☐ Green ☐ Blue ☐ Amber ☐ RGB

No RGBW or standard outdoor rating. Contact Neotek for custom outdoor options.

REMOTE ELECTRICAL / CONTROLS

DRIVER INPUT VOLTAGE | DRIVER IS REMOTE

☐ 120 VAC ☐ 277 VAC

DIMMING / CONTROLS (SELECT AS REQUIRED)

☐ Low-voltage dimming ☐ 0-10 V ☐ No dimming ☐ DMX512 RGB

FIXTURE FINISH | IP22 STANDARD CONFIGURATION

ALUMINUM FINISH

☐ Standard mill ☐ Black ☐ Custom powder coat

Custom color / RAL: _____

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