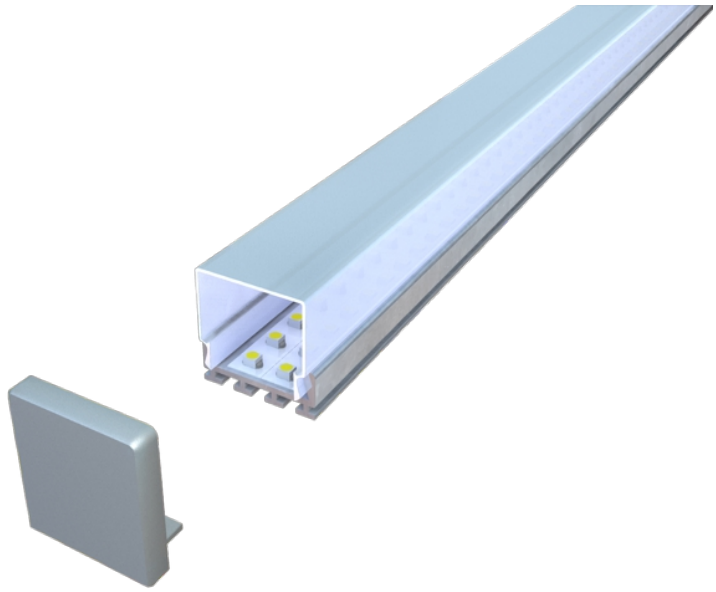
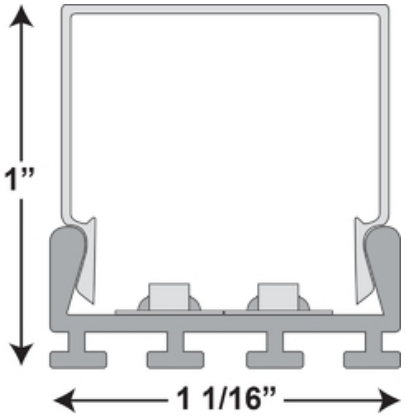
# NL-110-HO

**LINEAR LED**
REMOTE POWER ONLY

**HIGH OUTPUT | 6.0 W/FT NOMINAL | REMOTE DRIVER & CONTROLS**






**1 11/16" W x 1" H**

Original HO source images shown; fixture uses two LED strips.

## FIXTURE DESCRIPTION

Straight, stand-alone high-output architectural LED luminaire with a low-profile aluminum extrusion. Cross-section: 1 11/16 in. wide by 1 in. high. The HO configuration uses two LED tape strips mounted directly to the extrusion.

## HOUSING & LENS

The aluminum extrusion supports two LED tape strips and a snap-in clear or frosted polycarbonate lens, removable as applicable. The compact profile provides no compartment for a driver, decoder, data pack or other control equipment.

## MOUNTING & END CAPS

Zinc-matte mounting brackets support surface installation with substrate-appropriate fasteners. Suspended, recessed and adjustable mounting methods require compatible, Neotek-approved hardware. Polypropylene end caps close exposed ends; wiring exits to remote equipment.

## REMOTE POWER & CONTROLS

All drivers, power supplies, DMX decoders and data packs must be external to the NL-110. Use an accessible, appropriately rated remote 24 VDC solid-state driver. No power supply, decoder or control pack is housed inside the fixture.

## LED PERFORMANCE

Two 24 VDC SMD 3528 LED strips for static white; combined tape load is 5.85 W/ft (nominal fixture rating 6.0 W/ft). Projected light output is 1,680 lm/ft for the two-strip configuration; completed-fixture photometric verification is required.

## FINISH & APPLICATION

Standard mill aluminum, black or custom powder-coated finish. Customer-provided RAL references may guide the closest practical finish match. Select IP00 interior or appropriately sealed IP67 exterior construction.

# NL-110-HO

LINEAR LED
REMOTE POWER ONLY

MOUNTING & INSTALLATION | REMOTE EQUIPMENT REQUIRED

The NL-110-HO retains the compact, straight NL-110 profile. Select a mounting approach for the substrate, access and light direction. Only use hardware approved by Neotek for the specified assembly.

## MOUNTING APPROACHES | APPLICATION-SPECIFIC

| ITEM | INSTALLATION DETAIL |
|---|---|
| Surface mount | Standard zinc-matte brackets secure the extrusion to a suitable surface with fasteners selected for the mounting substrate. |
| Suspended mount* | A suspended arrangement may be reviewed using suitable suspension hardware, supports and cable-routing provisions. |
| Recessed mount* | Recessed integration requires an approved mounting track or support detail and adequate clearance for the lens and installation. |
| Adjustable aim* | Where aiming is required, approved angle-adjustable mounting hardware may be evaluated; any range of adjustment is configuration-specific. |

## ASSEMBLY, CABLING & SERVICE ACCESS

| ITEM | INSTALLATION DETAIL |
|---|---|
| Extrusion / LED | The aluminum extrusion supports both LED strips. Confirm fit, thermal contact and electrical loading for the selected high-output configuration. |
| Lens installation | The clear or frosted polycarbonate lens snaps into the extrusion; provide access for installation or later service. |
| End caps | Polypropylene end caps finish exposed ends. Specify wire exits and suitable sealing details for the installation. |
| Fixture wiring | Arrange a cable exit to suit the approved end-cap or rear-routing detail, and protect wiring at exit points. |
| Continuous runs | Adjacent lengths may be coordinated into a line using a suitable joining detail; verify alignment, end conditions and electrical feed. |
| Power / control | Remote only: drivers, 24 VDC power supplies, DMX decoders, data packs and other control equipment must remain accessible outside the fixture. |

Installation coordination: Surface mounting is the established approach; alternative methods shown above are for project review and are not guaranteed standard NL-110 accessories. Confirm structural support, service access, wiring paths and sealed construction when IP67 is selected.

# NL-110-HO

**LINEAR LED**
REMOTE POWER ONLY

## LED PERFORMANCE | STATIC WHITE & RGB/RGBW

High output uses two LED strips. Static white is nominally 6.0 W/ft; RGB/RGBW loads vary. All power supplies and controls are remote.

## STATIC WHITE LED TAPE DATA | 24 VDC | TWO STRIPS

| PARAMETER | SPECIFICATION |
|---|---|
| LED technology | 2 x SMD 3528 \| 120 LEDs/m per strip |
| Tape / beam | 8 mm per strip \| 120-degree viewing angle |
| Voltage | 24 VDC constant-voltage LED tape |
| Power consumption | 19.2 W/m \| 5.85 W/ft (nominal fixture: 6.0 W/ft) |
| Static white options | 2400K, 2800K, 3000K, 3500K, 4000K, 6500K |
| Lumen output | 1,680 lm/ft projected; confirm completed-fixture photometrics |
| Driver / decoder | External only; no integral power or data equipment |

## RGB / RGBW LED TAPE DATA | 24 VDC | TWO STRIPS

### RGBW | 60 LEDS/M PER STRIP | COMBINED LED TAPE OUTPUT

| WHITE CCT | WHITE (LM/M) | RGB (LM/M) | RGB+W (LM/M) |
|---|---|---|---|
| 3000K | 912 | 928 | 1,656 |
| 3500K | 948 | 906 | 1,668 |
| 4500K | 1,020 | 920 | 1,746 |
| 6500K | 1,020 | 942 | 1,764 |

Two-strip power: white 9.6 W/m (2.93 W/ft) | RGB 28.8 W/m (8.78 W/ft) | RGBW 38.4 W/m (11.71 W/ft)

### RGB / RGBW | 120 LEDS/M PER STRIP | COMBINED OUTPUT

| CHANNEL / MODE | LED POWER | LIGHT OUTPUT |
|---|---|---|
| Red | 10 W/m \| 3.05 W/ft | 280 lm/m |
| Green | 10 W/m \| 3.05 W/ft | 846 lm/m |
| Blue | 10 W/m \| 3.05 W/ft | 190 lm/m |
| RGB combined | 30 W/m \| 9.14 W/ft | 1,300 lm/m |
| RGBW - 3000K | 40 W/m \| 12.19 W/ft | 1,980 lm/m |
| RGBW - 3500K | 40 W/m \| 12.19 W/ft | 2,012 lm/m |
| RGBW - 4500K | 40 W/m \| 12.19 W/ft | 2,110 lm/m |
| RGBW - 6500K | 40 W/m \| 12.19 W/ft | 2,108 lm/m |

RGB/RGBW entries are calculated two-strip LED tape totals, not measured NL-110-HO fixture output. Confirm RGBW availability, strip fit, optical losses and remote driver / data-pack sizing with Neotek.

# NL-110-HO

LINEAR LED
REMOTE POWER ONLY

CUSTOMER CONFIGURATION | SELECT OPTIONS BELOW

## FIXTURE SELECTIONS

NL-110-HO / HIGH OUTPUT

Project / Fixture ID: _____ Quantity: _____

### FIXTURE LENGTH / LENS / END CAPS

**LENS (SELECT ONE)**

☐ Frosted ☐ Clear

**END CAP WIRING (SELECT ONE)**

☐ Wire exit ☐ No wire exit

Fixture length: _____ Straight profile only

**MOUNT:** ☐ Surface ☐ Suspended* ☐ Recessed*

### LED COLOR SELECTION

**STATIC WHITE COLOR TEMPERATURE (SELECT ONE)**

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

**STATIC COLOR / COLOR-CHANGING (SELECT ONE)**

☐ Red ☐ Green ☐ Blue ☐ Amber ☐ RGB ☐ RGBW

**RGBW WHITE CHANNEL (IF AVAILABLE / CONFIRM WITH NEOTEK)**

☐ 3000K ☐ 3500K ☐ 4000K ☐ 6500K

### REMOTE ELECTRICAL / CONTROLS

**REMOTE DRIVER AND REMOTE DATA PACK / DECODER REQUIRED - NO INTERNAL EQUIPMENT**

**REMOTE DRIVER AC INPUT (SELECT ONE)**

☐ 120 VAC ☐ 277 VAC

**DIMMING / CONTROL (SELECT AS REQUIRED)**

☐ LV dimming ☐ 0-10 V ☐ Non-dimming ☐ DMX512

### APPLICATION / FINISH

**IP CONFIGURATION (SELECT ONE)**

☐ IP00 - Interior ☐ IP67 - Exterior

**EXTRUSION FINISH (SELECT ONE)**

☐ Standard mill ☐ Black ☐ Custom powder coat

Powder coat color / RAL #: _____

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