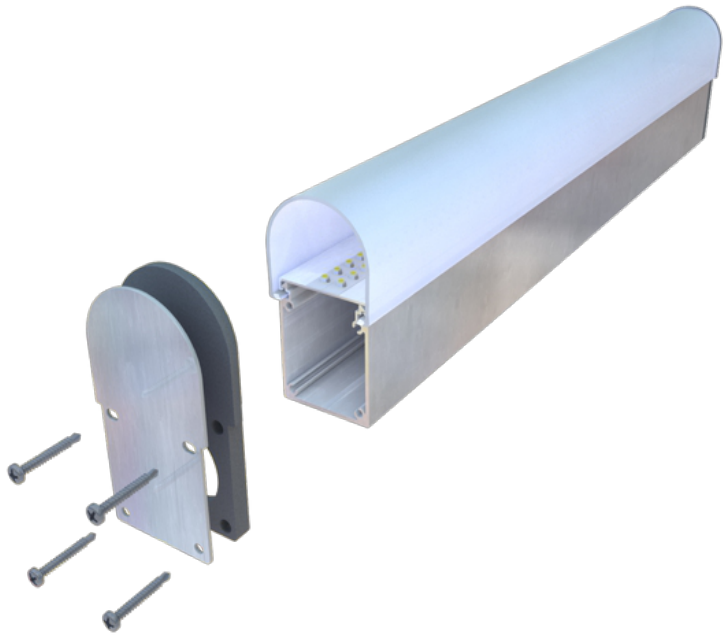
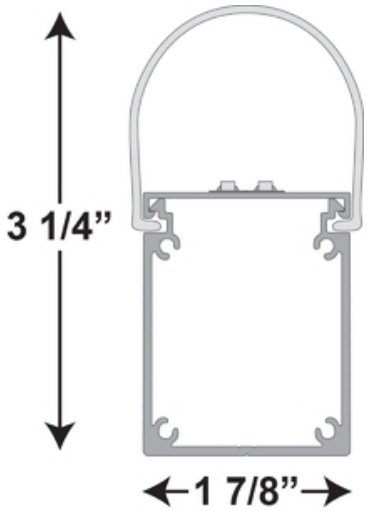
NL-200-HO

LINEAR LED
STRAIGHT / CURVED

HIGH OUTPUT | 6.0 W/FT NOMINAL | STRAIGHT OR CURVED





1 7/8" W x 3 1/4" H

FIXTURE DESCRIPTION

Straight or curved, self-contained architectural linear LED luminaire available in lengths from 8 in. to 8 ft. Rounded lens profile measures 1 7/8 in. wide by 3 1/4 in. high.

TWO-PIECE ALUMINUM EXTRUSION

Top and bottom aluminum extrusion sections, not the PS-series front/rear assembly. The base includes four 0.125-in. fastening holes for end plates or steel joining pins and can serve as a wireway.

LED ENGINE & LENS

Two rows of 24 VDC SMD 3528 LED tape are mounted to the aluminum extrusion beneath a snap-on, UV-protected acrylic lens for the high-output configuration. Select frosted or clear; the lens material is UL-recognized with a 94HB flame rating.

POWER & CONTROL

6.0 W/ft nominal static-white LED consumption using a higher-output LED configuration. Wiring harness connects to the 24 VDC supply; solid-state power supply may be internal or remote. Dimming and RGB/RGBW DMX512 control depend on selected configuration.

LUMEN OUTPUT

1,680 lumens per linear foot nominal for the high-output configuration.

FINISH & APPLICATION

Standard mill aluminum, black, or custom powder-coated finish. Customer-provided RAL numbers may be used for the closest practical powder-coat color match. Original options specify IP00 interior or IP67 exterior construction.

CURVED CONFIGURATIONS

Straight or curved construction is available. For curved fixtures, confirm the required radius, geometry, joining details and overall length with Neotek before fabrication.

NEOTEK LIGHTING | 1040 Dividend Road | Midlothian, TX 76065
(972) 775-3121 | Sales@neoteklighting.com | www.neoteklighting.com

NL-200-HO

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STRAIGHT / CURVED

LED PERFORMANCE | STATIC WHITE & RGB/RGBW

The NL-200-HO is offered in straight or curved configurations using its own two-piece top-and-bottom extrusion design. The fixture may be configured for high-output static white, static colors, RGB or RGBW operation depending on project requirements.

STATIC WHITE LED DATA | HIGH OUTPUT | 24 VDC

DETAIL	SPECIFICATION
LED type / density	Dual-row SMD 3528 LED tape for high-output white configurations
Nominal fixture load	6.00 W/ft nominal
Operating voltage	24 VDC constant-voltage operation
Color temperatures	2400K, 2800K, 3000K, 3500K, 4000K, 6500K
Static color options	Red, Green, Blue and Amber
Lens options	Clear or frosted snap-on UV-protected acrylic lens
Dimming / supply	Internal or remote power supply; LV dimming, 0-10 V or non-dimming options
Lumen output	1,680 lumens per linear foot nominal

RGB / RGBW LED DATA | 24 VDC

DETAIL	SPECIFICATION
Control requirement	DMX512-compatible multichannel control required for RGB or RGBW configurations
RGB configuration	Color-changing RGB available as a fixture option
RGBW configuration	Color-changing RGBW available with a selectable white channel
RGBW white channel options	3000K, 3500K, 4000K or 6500K
Typical RGB LED load	Approximately 9.14 W/ft LED tape load in RGB mode
Typical RGBW LED load	Approximately 12.19 W/ft LED tape load in RGBW mode
Output note	Light output varies with color mix, white-channel selection, lens choice and fixture geometry
Engineering note	Confirm final lumen output, driver sizing and controls with Neotek for the selected RGB / RGBW arrangement

Neotek LIGHTING

NL-200-HO

LINEAR LED
STRAIGHT / CURVED

CUSTOMER CONFIGURATION | NL-200

FIXTURE SELECTIONS

NL-200-HO / HIGH OUTPUT

Project / Fixture ID: _____ Quantity: _____

FIXTURE SHAPE / DIMENSIONS / LENS

SHAPE (SELECT ONE)

☐ Straight ☐ Curved

Fixture length: _____ Curved radius / drawing ref.: _____

LENS FINISH (SELECT ONE)

☐ Frosted ☐ Clear

LED COLOR SELECTION

STATIC WHITE COLOR TEMPERATURE (SELECT ONE)

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

STATIC COLOR / RGB MODE (SELECT ONE)

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

RGBW WHITE CHANNEL (SELECT IF RGBW)

☐ 3000K ☐ 3500K ☐ 4000K ☐ 6500K

ELECTRICAL / DIMMING

INPUT VOLTAGE

☐ 120 VAC ☐ 277 VAC

POWER SUPPLY LOCATION

☐ Internal ☐ Remote

DIMMING / CONTROLS (SELECT AS REQUIRED)

APPLICATION / FINISH

IP CONFIGURATION / APPLICATION

☐ IP00 - Interior ☐ IP67 - Exterior

FIXTURE FINISH (SELECT ONE)

☐ Standard mill ☐ Black ☐ Custom powder coat

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