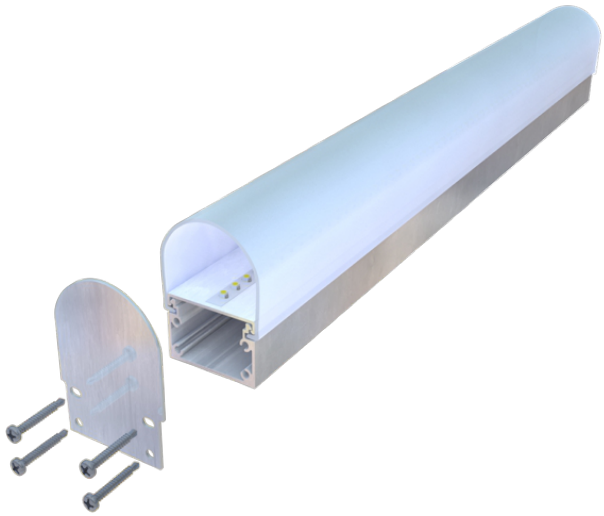
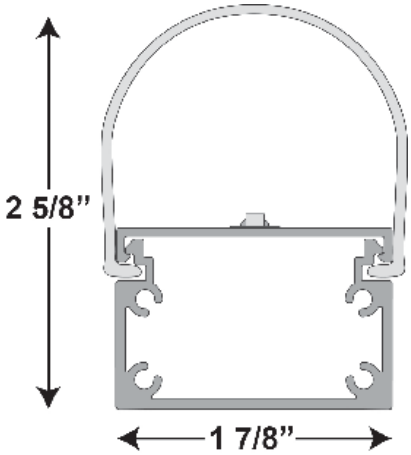
NL-200S

LINEAR LED
STRAIGHT / CURVED

STANDARD OUTPUT | 3.0 W/FT NOMINAL | SHORT PROFILE





1 7/8" W x 2 5/8" H

FIXTURE DESCRIPTION

Straight or curved architectural linear LED luminaire using the shorter NL-200S profile. Available from 8 in. to 96 in. with a 1 7/8 in. wide by 2 5/8 in. high cross-section.

TWO-PIECE ALUMINUM EXTRUSION

The top and bottom sections form the luminaire. The base provides four 0.125-in. end-cap fastening holes and connection points for adjacent fixtures; it may also serve as a wireway.

LED ENGINE & OPTICS

24 VDC SMD 3528 LED tape fastened to the aluminum extrusion. The fixture uses a rounded polycarbonate lens available in clear or frosted and provides a nominal 120-degree illumination angle.

POWER & CONTROL

Standard-output white LED power: 3.0 W/ft nominal. The legacy NL-200S sheet specifies an accessible, remote 24 VDC solid-state power supply, dimmable or non-dimmable. Compatible 0-10 V, low-voltage and DMX512 control options vary by LED selection.

LUMEN OUTPUT

420 lumens per linear foot as stated on the NL-200S cut sheet. Confirm the current fixture photometrics before publication.

FINISH & APPLICATION

Standard mill aluminum, black, or a custom powder-coated finish. RAL numbers can be used as a target for approximate color matching. Available with specified interior or sealed exterior construction.

STRAIGHT / CURVED OPTIONS

For curved fixtures, confirm the radius, layout and joint geometry with Neotek before fabrication.

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

NL-200S

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STRAIGHT / CURVED

LED PERFORMANCE | STATIC WHITE & RGB/RGBW

The NL-200S uses the NL-200 top-and-bottom housing construction, with a reduced 2 5/8-in. overall height. Electrical loads and color-changing operation depend on the selected LED tape and control package.

STATIC WHITE LED DATA | STANDARD OUTPUT | 24 VDC

DETAIL	SPECIFICATION
LED technology	SMD 3528 LED tape, 24 VDC
Nominal power	3.00 W/ft (9.84 W/m) fixture rating
White CCT options	2400K, 2800K, 3000K, 3500K, 4000K, 6500K
Static color options	Red, Green, Blue and Amber
Optical assembly	Rounded clear or frosted polycarbonate lens; 120-degree nominal beam
White lumen output	420 lm/ft stated on the legacy NL-200S sheet; confirm for current production
Power supply	Remote, accessible 24 VDC solid-state supply (per NL-200S source sheet)
Dimming	Low-voltage dimming, 0-10 V or non-dimming depending on driver specification

RGB / RGBW LED DATA | 24 VDC

DETAIL	SPECIFICATION
RGB light engine	Color-changing red, green and blue channels; DMX512-compatible controls
RGBW light engine	Color-changing RGB with a separately controllable white channel
White-channel choices	3000K, 3500K, 4000K and 6500K selection options
RGB tape power	Approx. 4.57 W/ft LED tape load in combined RGB mode
RGBW tape power	Approx. 6.10 W/ft LED tape load in combined RGBW mode
Control / decoder	DMX512 compatible decoder and appropriately sized 24 VDC driver required
Light output	Color-channel output depends on active channels, CCT, lens and curve geometry
Sizing / configuration	Confirm actual RGB/RGBW tape selection, current output, supply and control with Neotek

NL-200S

LINEAR LED
STRAIGHT / CURVED

CUSTOMER CONFIGURATION | NL-200S

FIXTURE SELECTIONS

NL-200S / STANDARD OUTPUT

Project / Fixture ID: _____ Quantity: _____

FIXTURE SHAPE / DIMENSIONS / LENS

SHAPE (SELECT ONE)

☐ Straight ☐ Curved

LENS (SELECT ONE)

☐ Frosted ☐ Clear

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

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 RGBW SELECTED)

☐ 3000K ☐ 3500K ☐ 4000K ☐ 6500K

ELECTRICAL / CONTROLS

INPUT VOLTAGE

☐ 120 VAC ☐ 277 VAC

POWER SUPPLY LOCATION

☐ Remote (standard) ☐ Internal (confirm availability)

DIMMING / CONTROL (SELECT AS REQUIRED)

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

APPLICATION / FINISH

IP CONFIGURATION / APPLICATION

☐ IP00 - Interior ☐ IP67 - Exterior

FIXTURE FINISH (SELECT ONE)

☐ Standard mill ☐ Black ☐ Custom powder coat

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