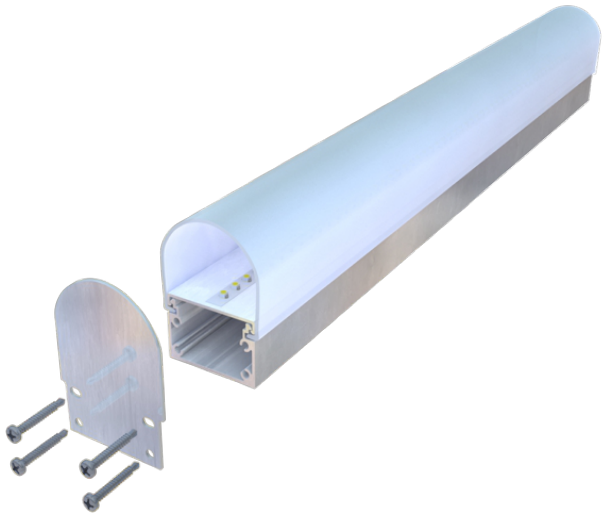
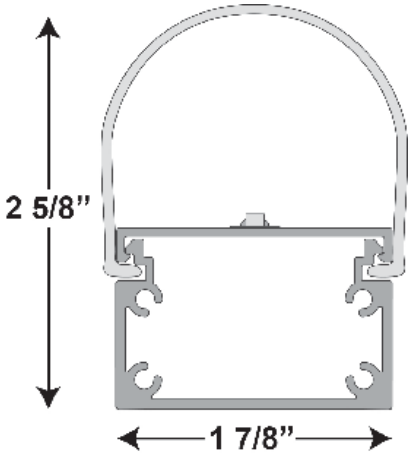
NL-200S-HO

LINEAR LED
STRAIGHT / CURVED

HIGH OUTPUT | 6.0 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. High-output configuration uses increased LED loading while retaining the same shorter housing.

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

High-output 24 VDC 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

High-output white LED power: 6.0 W/ft nominal. An accessible 24 VDC solid-state power supply may be dimmable or non-dimmable and may be remote or internal if confirmed for the project. Compatible 0-10 V, low-voltage and DMX512 control options vary by LED selection.

LUMEN OUTPUT

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

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-HO

LINEAR LED
STRAIGHT / CURVED

LED PERFORMANCE | STATIC WHITE & RGB/RGBW

The NL-200S-HO uses the NL-200 top-and-bottom housing construction with a reduced 2 5/8-in. overall height. Per Neotek direction, the primary difference from the NL-200 family is the shorter profile; the high-output configuration therefore follows the same higher-output electrical and color-changing logic within the reduced-height housing.

STATIC WHITE LED DATA | HIGH OUTPUT | 24 VDC

DETAIL	SPECIFICATION
LED technology	High-output SMD 3528 LED tape, 24 VDC
Nominal power	6.00 W/ft (19.69 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	1,680 lm/ft nominal high-output rating
Power supply	24 VDC solid-state supply; remote or internal per selected configuration
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. 9.14 W/ft LED tape load in combined RGB mode
RGBW tape power	Approx. 12.19 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-HO

LINEAR LED
STRAIGHT / CURVED

CUSTOMER CONFIGURATION | NL-200S-HO

FIXTURE SELECTIONS

NL-200S-HO / HIGH 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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