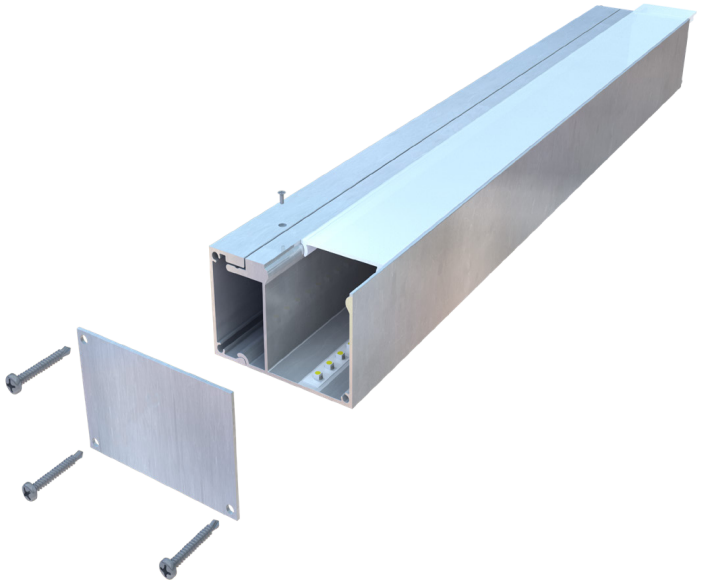
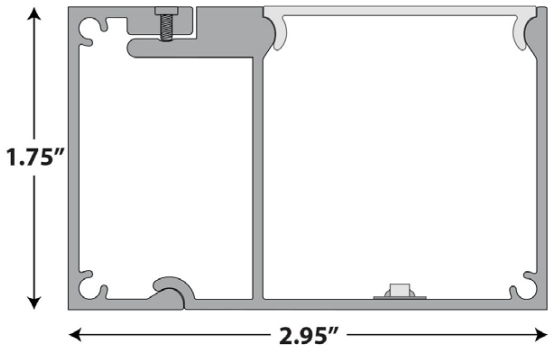
PS-353

PRO SERIES | STANDARD OUTPUT | 3.0 W/FT NOMINAL





FIXTURE DESCRIPTION

Straight, self-contained architectural linear LED luminaire available in lengths from 18 in. to 8 ft. Two-piece aluminum extrusion with front and rear housing sections.

HOUSING & INSTALLATION

Rear extrusion includes fastening points for aluminum end caps, steel pins for joining adjacent fixtures, and set screws for securing the front extrusion. It may also serve as a wireway and house the 24 VDC power supply and optional DMX decoder.

LIGHT ENGINE & OPTICS

Neotek FN-3528A-120 SMD 3528 LED tape: 120 LEDs/m, 8 mm width, 120-degree viewing angle, 24 VDC operation. One standard frosted, UV-protected acrylic snap-in lens, UL-recognized with 94HB flame classification.

POWER & CONTROL

White LED tape draws 9.6 W/m (2.93 W/ft); PS-353 nominal standard output is 3.0 W/ft. Solid-state power supply may be internal or remote. PWM, 0-10 V, DALI and DMX512 options require compatible controls and decoders.

IP RATINGS & FINISH

Select IP22 interior or IP67 exterior completed-fixture construction. IP67 requires an appropriately sealed fixture. Finishes include standard mill, powder coated, or anodized. Aluminum end caps may include wiring holes as required.

LUMEN OUTPUT

425 lumens per linear foot, measured at 1.5 ft from the fixture.

CUSTOM FINISH MATCHING

Neotek can use customer-provided RAL numbers to match the desired finish color as closely as practical. Exact color matching is not guaranteed.

Neotek LIGHTING

PS-353

PROSERIES

LED PERFORMANCE | STATIC WHITE & RGB/RGBW

STATIC WHITE LED TAPE DATA | 24 VDC

PARAMETER	SPECIFICATION
LED type / density	SMD 3528 | 120 LEDs/m
Tape dimensions / optics	8 mm width | 120-degree viewing angle
Electrical	24 VDC constant-voltage operation
Power consumption	9.6 W/m | 2.93 W/ft (nominal fixture: 3.0 W/ft)
Light quality	Ra 90 available | White CCT selections on page 3
Temperature / IP	-25 C to +60 C (LED tape) | Tape IP22; fixture IP22 or IP67

RGB / RGBW LED TAPE DATA | 24 VDC

RGBW - 60 LEDS/M | ACTIVE-CHANNEL OUTPUT

WHITE CCT	WHITE ONLY (LM/M)	RGB (LM/M)	RGB + W (LM/M)
3000K	456	464	828
3500K	474	453	834
4500K	510	460	873
6500K	510	471	882

Power: white only 4.8 W/m (1.46 W/ft) | RGB 14.4 W/m (4.39 W/ft) | RGBW 19.2 W/m (5.85 W/ft)

RGB / RGBW - 120 LEDS/M | OUTPUT & ELECTRICAL LOAD

CHANNEL / MODE	LED POWER	LIGHT OUTPUT
Red	5 W/m | 1.52 W/ft	140 lm/m
Green	5 W/m | 1.52 W/ft	423 lm/m
Blue	5 W/m | 1.52 W/ft	95 lm/m
RGB combined	15 W/m | 4.57 W/ft	650 lm/m
RGBW - 3000K	20 W/m | 6.10 W/ft	990 lm/m
RGBW - 3500K	20 W/m | 6.10 W/ft	1,006 lm/m
RGBW - 4500K	20 W/m | 6.10 W/ft	1,055 lm/m
RGBW - 6500K	20 W/m | 6.10 W/ft	1,054 lm/m

RGB/RGBW loads require compatible multichannel control equipment and power supplies sized for the specified configuration. Output values shown above are LED tape values; completed-fixture performance may vary.

Neotek LIGHTING

PS-353

PROSERIES

CUSTOMER CONFIGURATION | SELECT OPTIONS BELOW

FIXTURE SELECTIONS

PS-353 / PRO SERIES

Fixture length: _____ Quantity: _____ (18 in. - 8 ft)

LED COLOR / LIGHT OUTPUT

STATIC WHITE COLOR TEMPERATURE (SELECT ONE)

☐ 2700K ☐ 3000K ☐ 3500K ☐ 4000K ☐ 6500K

STATIC COLOR / COLOR-CHANGING MODE (SELECT ONE)

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

RGBW WHITE CHANNEL COLOR TEMPERATURE (IF RGBW SELECTED)

☐ 2700K ☐ 3000K ☐ 3500K ☐ 4000K ☐ 6500K

ELECTRICAL / CONTROLS

INPUT VOLTAGE

☐ 120 VAC ☐ 277 VAC

POWER SUPPLY / DMX DECODER LOCATION

☐ Internal ☐ External / remote

DIMMING / CONTROL (SELECT APPLICABLE)

☐ 0-10 V ☐ PWM / LV ☐ DMX512 ☐ DALI*

ENCLOSURE / FINISH

IP RATING / APPLICATION (SELECT ONE)

☐ IP22 - Interior ☐ IP67 - Exterior

FIXTURE FINISH (SELECT ONE)

☐ Standard mill ☐ Powder coated ☐ Anodized

Powder coat color / RAL #: _____

Anodized color / finish type: _____

Neotek can use customer-provided RAL numbers to match the desired finish color as closely as practical; exact color matching is not guaranteed. *DALI requires compatible control equipment.

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