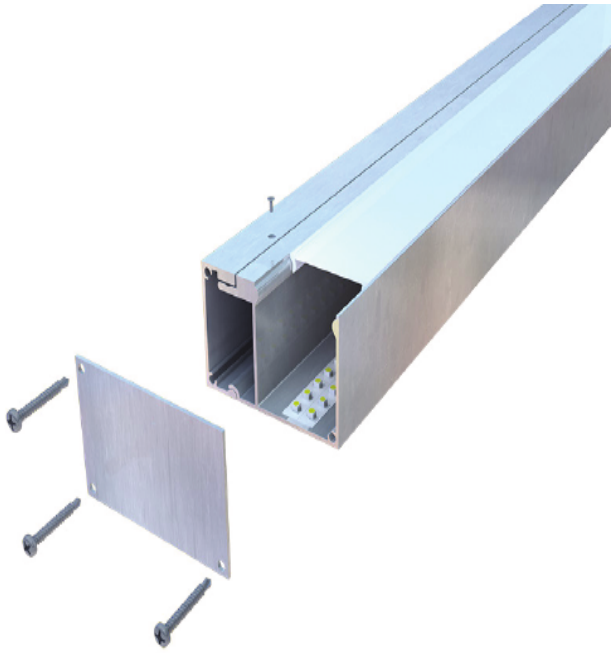
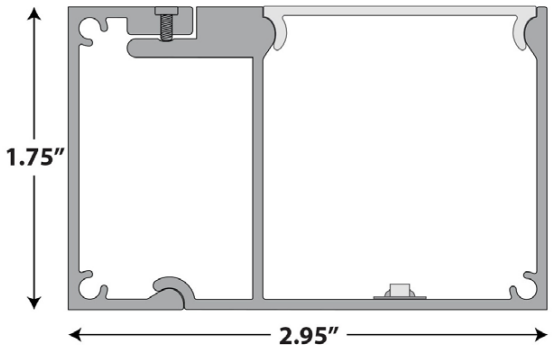
PS-353-HO

PRO SERIES | HIGH OUTPUT | 6.0 W/FT NOMINAL (STATIC WHITE)





FIXTURE DESCRIPTION

Straight, self-contained high-output architectural linear LED luminaire with a 2.95 in. wide by 1.75 in. tall aluminum profile, available in lengths from 18 in. to 8 ft. The PS-353-HO housing uses two LED tape strips to increase light output.

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

Two 24 VDC LED tape strips: SMD 3528 for static white (120 LEDs/m per strip; 8 mm wide; 120-degree viewing angle), or SMD 5050 for RGB/RGBW. One standard frosted, UV-protected acrylic snap-in lens, UL-recognized with 94HB flame classification.

POWER & CONTROL

Two white LED strips draw a combined 19.2 W/m (5.85 W/ft); the PS-353-HO nominal static-white rating is 6.0 W/ft. RGB/RGBW loads vary by operating mode. Solid-state power supplies may be internal or remote; controls and decoders must be matched to the selected configuration.

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

860 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.

PS-353-HO

PROSERIES

LED PERFORMANCE | STATIC WHITE & RGB/RGBW

STATIC WHITE LED TAPE DATA | TWO STRIPS | 24 VDC

PARAMETER	SPECIFICATION
LED type / density	2 x SMD 3528 | 120 LEDs/m per strip
Tape dimensions / optics	8 mm width per strip | 120-degree viewing angle
Electrical	24 VDC constant-voltage operation
Power consumption	19.2 W/m | 5.85 W/ft (nominal: 6.0 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 | TWO STRIPS | 24 VDC

RGBW - 60 LEDS/M PER STRIP | COMBINED OUTPUT

WHITE CCT	WHITE ONLY (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 power and light-output values represent two identical LED strips together, before lens losses. Actual completed-fixture performance may vary. Size power supplies and multichannel controls for the selected mode.

PS-353-HO

PRO SERIES

CUSTOMER CONFIGURATION | SELECT OPTIONS BELOW

FIXTURE SELECTIONS

PS-353-HO / 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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