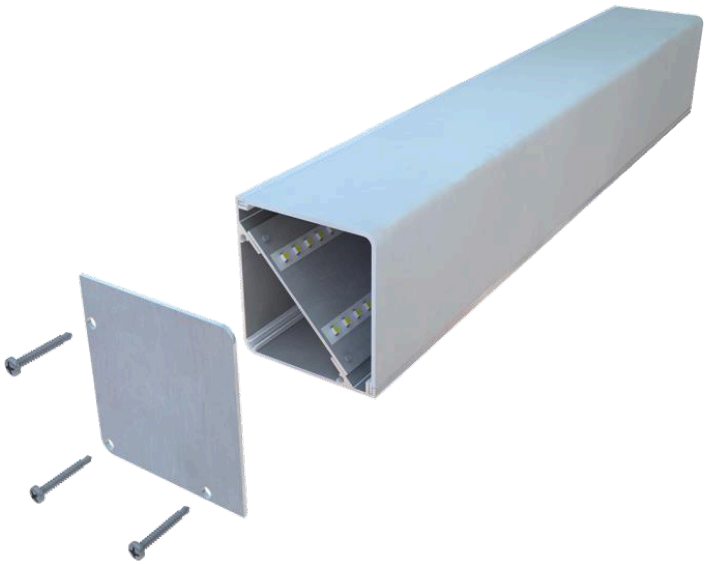
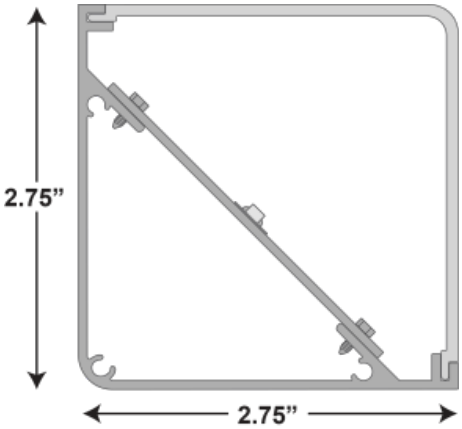
# PS-360-HO

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






## FIXTURE DESCRIPTION

Straight, self-contained high-output architectural linear LED luminaire with a 2.75 in. wide by 2.75 in. tall aluminum extrusion. Available in lengths from 18 in. to 8 ft. Construction consists of a single extrusion, an internal LED mounting plate, and a frosted lens.

## EXTRUSION & LED MOUNTING

A single aluminum extrusion forms the fixture housing. An internal mounting plate supports and positions two rows of LED tape along the diagonal inside the extrusion, as shown in the end view and fixture rendering. A frosted lens fits into the extrusion opening; aluminum end caps finish exposed ends.

## LIGHT ENGINE & OPTICS

Two LED tape strips mount on the internal plate. For static-white configurations, Neotek FN-3528A-120 SMD 3528 LED tape provides 120 LEDs/m per strip, 8 mm width, 120-degree viewing angle, and 24 VDC operation. The standard frosted acrylic lens is UV-protected, UL-recognized, and has a 94HB flame classification.

## POWER & CONTROL

Two white LED strips draw a combined 19.2 W/m (5.85 W/ft); PS-360-HO nominal static-white output is 6.0 W/ft. RGB/RGBW loads vary by operating mode. 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

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-360-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 fixture: 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 ACTIVE-CHANNEL 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 only 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 & ELECTRICAL LOAD

| 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 loads shown above represent the combined output of two LED strips and require compatible multichannel control equipment and power supplies sized for the selected configuration. Completed-fixture performance may vary.

Neotek LIGHTING

# PS-360-HO

PROSERIES

CUSTOMER CONFIGURATION | SELECT OPTIONS BELOW

## FIXTURE SELECTIONS

PS-360-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.

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