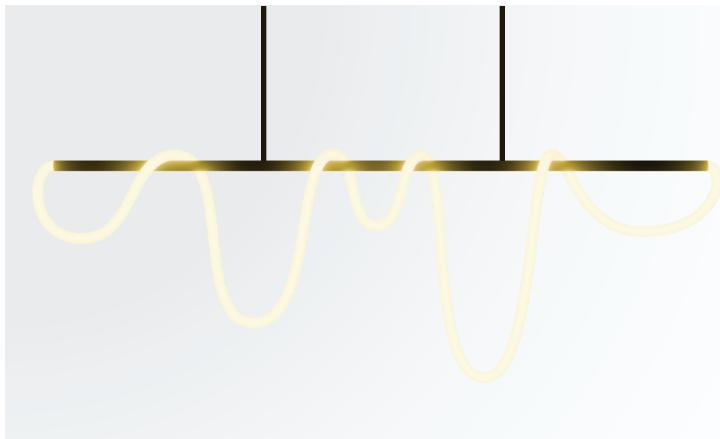


PROJECT:

TYPE:

QUANTITY:



DESCRIPTION

Pro Neon delivers stunning 360° omni-directional illumination with exceptional flexibility, allowing smooth bends in all directions with a 7.9" (200mm) bend diameter. Designed for both indoor and outdoor use with an IP67 rating, it enables the creation of unique patterns and decorative lighting effects. With a continuous run length of up to 49.2ft (15m), Pro Neon provides a smooth, uniform, and dot-free glow. Crafted using advanced silicone extrusion technology, it offers outstanding impact resistance, durability, and weather resilience for long lasting performance.

- Controls: 0-10V, ELV, SWITCH, DMX, SPI
- 360° omni-directional
- Low Voltage: 24V DC and 48V DC
- 7.9" (200mm) bend diameter
- 50,000h LED lifespan

SPECIFICATIONS

CCT	27K, 3K, 4K, 5K, 6K, Tunable, RGB, RGBW, SPI RGB, SPI RGBW
CRI	90
Controls	0-10V, ELV, SWITCH, DMX, SPI
Optical Distribution	360°
Operating Temperature	-4°F ~ 113°F (-20°C ~ 45°C)
Storage Temperature	-4~140°F (-20~60°C)
Lifespan	50,000H (WL, Tunable, RGB, RGBW) 36,000H (SPI RGB, SPI RGBW) L70 @ Tc ≤ 149°F (60°C)
SMD Type	2835, 2216, 4040
Diameter	0.98in (φ25mm)
Applications	IP67, Cove and Indirect General Illumination
Voltage	24V DC, 48V DC (only suitable for dry&damp location application)
Warranty	5 Years

DIMENSIONS



Fixture Run Lengths

16.4ft (5M)	White Light, Tunable, RGB, RGBW, SPI RGB, SPI RGBW
49.2ft (15M)	White Light

OUTPUT

CCT	LED QTY	Lumens	Voltage	Lumens	Efficacy
WL	98LED/ ft	305 lm/ ft	24V	4.27W/ ft	71 lm/ W
WL	98LED/ ft	259 lm/ ft	48V	3.66W/ ft	71 lm/ W
Tunable	188LED/ ft	381 lm/ ft	24V	5.49W/ ft	69 lm/ W
RGB	68LED/ ft	220 lm/ ft	24V	5.49W/ ft	40 lm/ W
RGBW	73LED/ ft	195 lm/ ft	24V	5.49W/ ft	36 lm/ W
SPI RGB	73LED/ ft	131 lm/ ft	24V	5.49W/ ft	24 lm/ W
SPI RGBW	68LED/ ft	171 lm/ ft	24V	5.49W/ ft	31 lm/ W

STANDARDS & CERTIFICATIONS



Tested to UL & CSA by Intertek For Use in USA & CANADA.

WHITE LIGHT



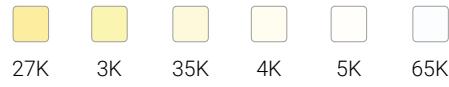
TUNABLE



RGB+SPI



RGBW+ SPI



PROJECT:

TYPE:

QUANTITY:

ORDER CODE

MODEL	INPUT VOLTAGE	WATTAGE	FUNCTION	CONTROL	OPTICS	LENGTH	CABLE ENTRY	APPLICATION
PN360	SO			360		B	IN	
PRO NEON 360	24V DC	24	STANDARD OUTPUT	SO	2700K 3000K 4000K 5000K 6500K	27 3 4 5 65	0-10V ELV SWITCH DMX SPI	010V ELV SW DMX SPI
	48V DC (WL)	48						
					360°	360	1ft 2ft 3ft 4ft 5ft	360°
							10ft 15ft 16ft	10ft 15ft 16ft
							1 2 3 4 5	1 2 3 4 5
							FRONT FEED SIDE FEED	FRONT FEED SIDE FEED
							FF SF	FF SF
							INTERIOR EXTERIOR	INTERIOR EXTERIOR
							IN EX	IN EX

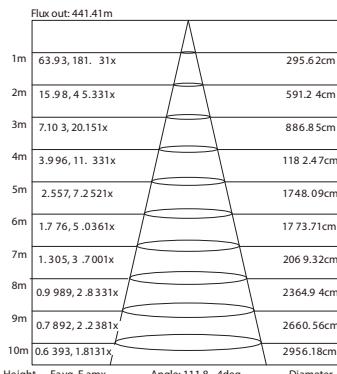
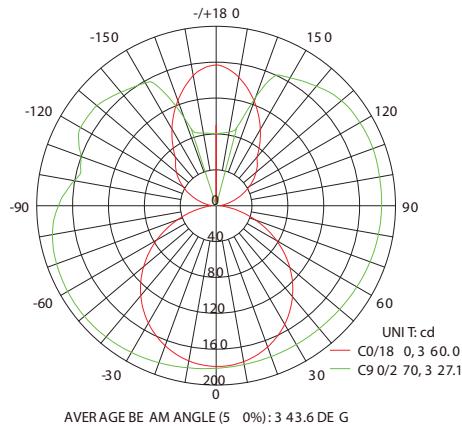
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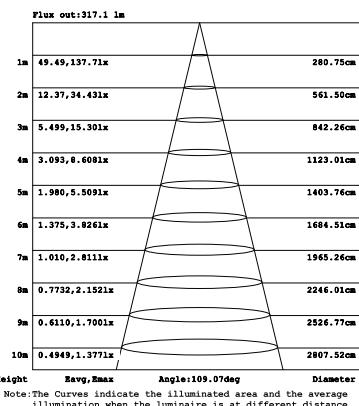
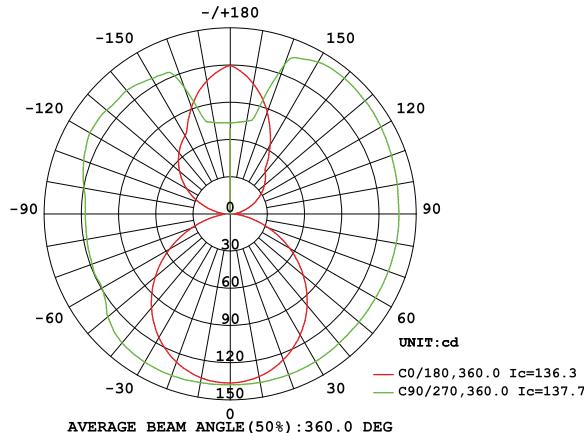
QUANTITY:

LIGHT DISTRIBUTION DIAGRAM

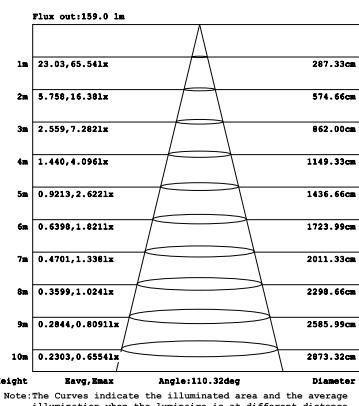
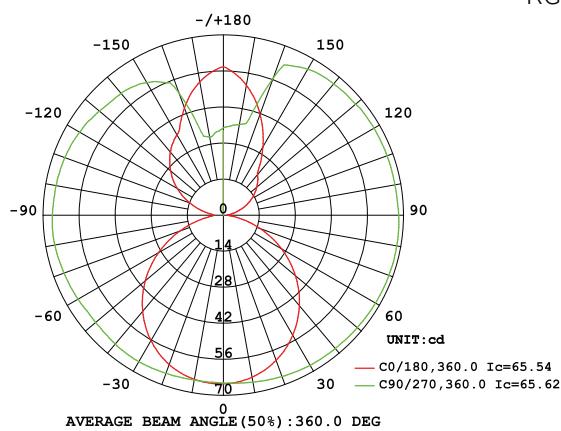
White Light, 4000K, CRI90



TUNABLE 2700-6000K, CRI90



RGB



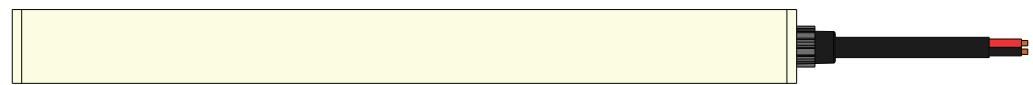
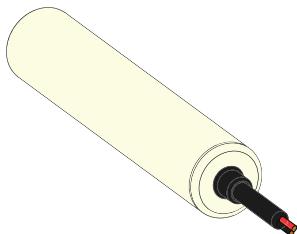
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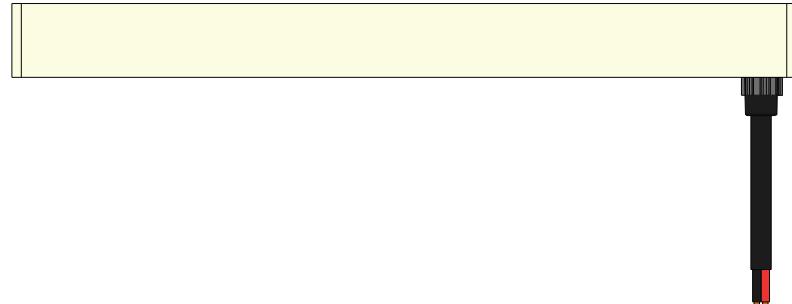
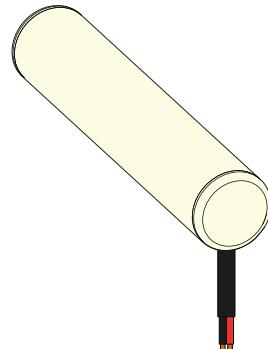
QUANTITY:

CABLE ENTRY

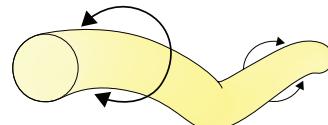
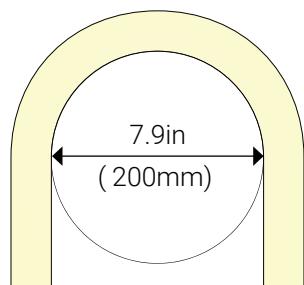
FRONT FEED



SIDE FEED



BEND AND TWIST



Max. Twist Angle 360°
per 39.37in. (1000mm)

PROJECT:

TYPE:

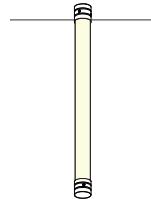
QUANTITY:

MOUNTING OPTIONS

SINGLE ENDED

Order Code: PPN360-SE

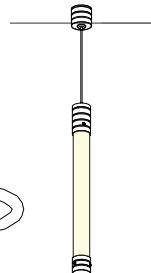
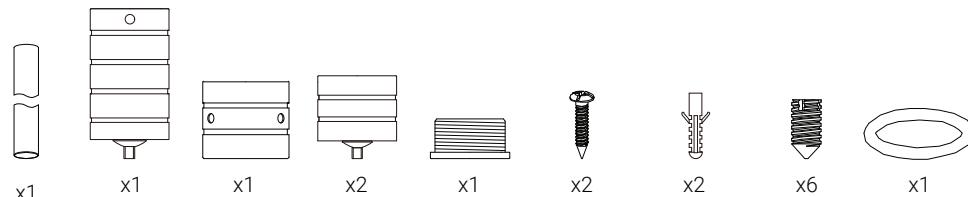
Vertical ceiling mounting with single-ended by acrylic tube.



VERTICAL SUSPENSION

Order Code: PPN360-VS

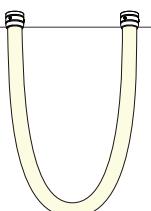
Vertical suspension on ceiling by hanging wire and acrylic tube.



DOUBLE ENDED

Order Code: PPN360-DE

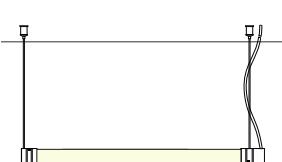
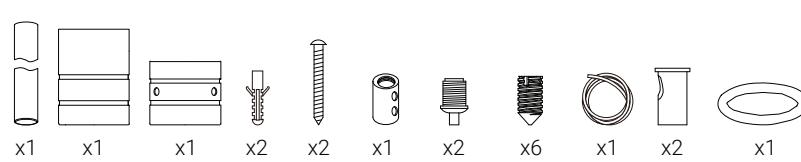
Vertical ceiling mounting with double-ended.



HORIZONTAL SUSPENSION

Order Code: PPN360-HS

Horizontal suspension on ceiling by hanging wire and acrylic tube.



PROJECT:

TYPE:

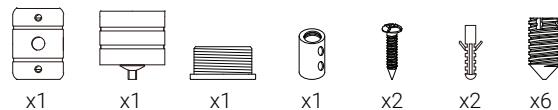
QUANTITY:

MOUNTING OPTIONS

CIRCULAR SUSPENSION

Order Code: PPN360-CS

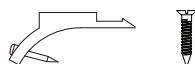
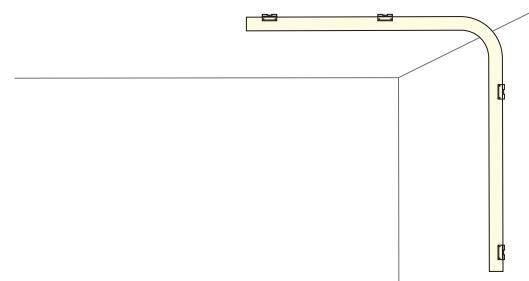
Circular suspension on ceiling by hanging wire.



NEEDLE BUCKLE

Order Code: PPN360-NB

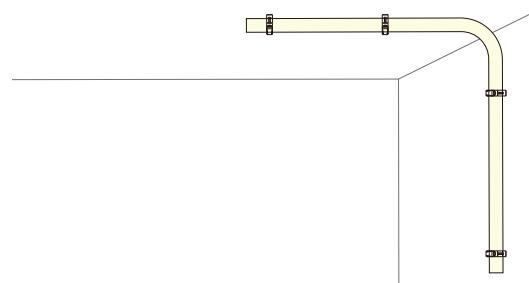
Ceiling mounting or wall mounting by needle buckle. IP20, indoor use.

Suggested quantity:
≥ 2 pcs/ 6.56 ft

BRACKET

Order Code: PPN360-BR

Ceiling mounting or wall mounting by bracket.

Suggested quantity:
≥ 2 pcs/ 6.56 ft

WIRE and CLIP

Order Code: PPN360-WC

Horizontal suspension on ceiling by hanging wire and clip.

