

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

OUTPUT

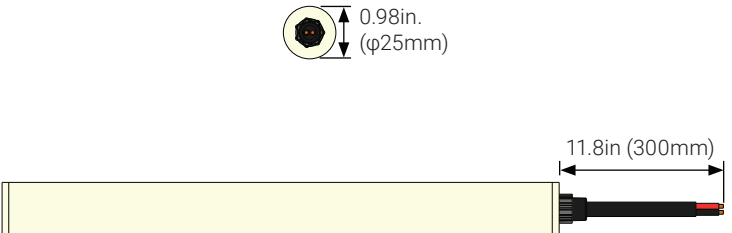
CCT	LED QTY	Lumens	Voltage	Lumens	Efficacy
WL	98LED/ ft	305 lm/ ft	24V	4.27W/ ft	71 lm/ W
WL	98LED/ ft	259 lm/ ft	48V	3.66w/ ft	71 lm/ W
Tunable	188LED/ ft	381 lm/ ft	24V	5.49W/ ft	69 lm/ W
RGB	68LED/ ft	220 lm/ ft	24V	5.49W/ ft	40 lm/ W
RGBW	73LED/ ft	195 lm/ ft	24V	5.49W/ ft	36 lm/ W
SPI RGB	73LED/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


Intertek

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

DIMENSIONS



FIXTURE RUN LENGTHS

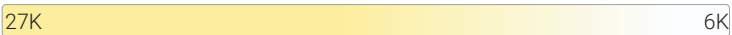
16.4ft (5M)	White Light, Tunable, RGB, RGBW, SPI RGB, SPI RGBW
49.2ft (15M)	White Light

WHITE LIGHT



27K 3K 4K 5K 65K

TUNABLE



27K6K

RGB+SPI



RGBW+ SPI





27K 3K 35K 4K 5K 65K

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

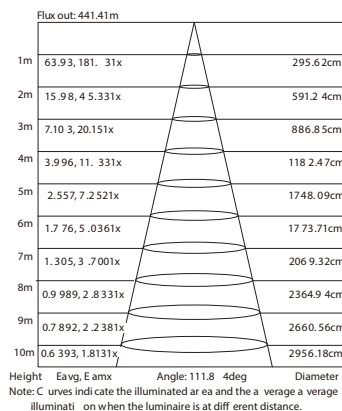
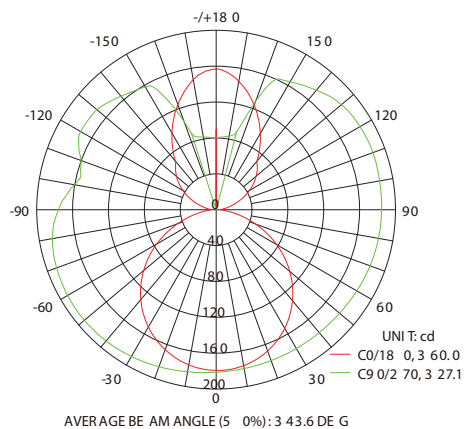
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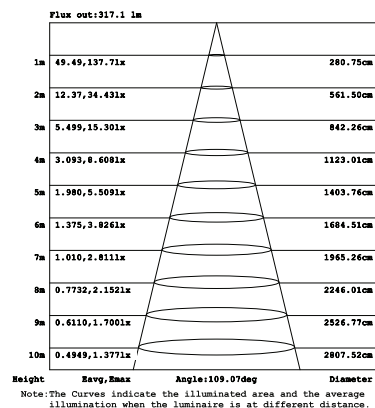
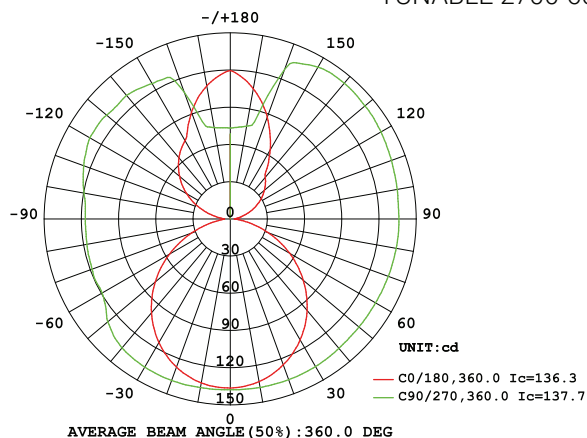
QUANTITY:

LIGHT DISTRIBUTION DIAGRAM

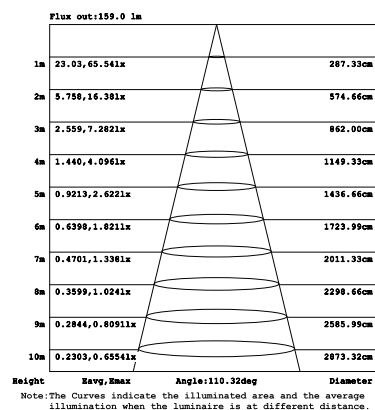
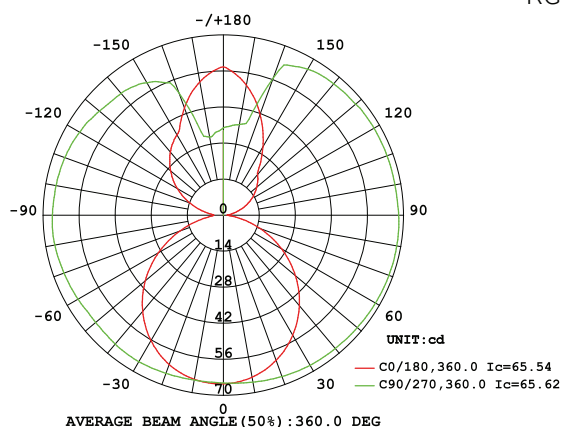
White Light, 4000K, CRI90



TUNABLE 2700-6000K, CRI90



RGB



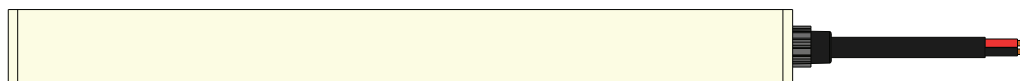
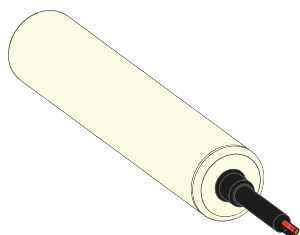
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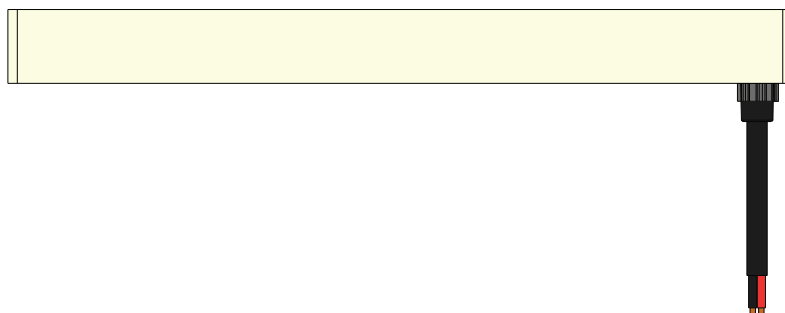
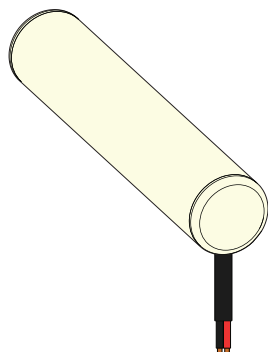
QUANTITY:

CABLE ENTRY

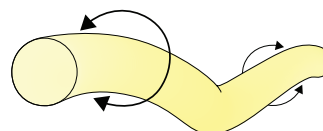
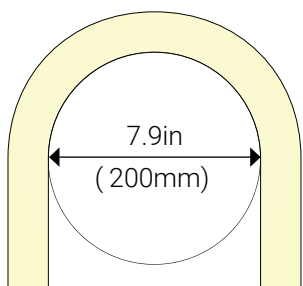
FRONT FEED



SIDE FEED



BEND AND TWIST



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

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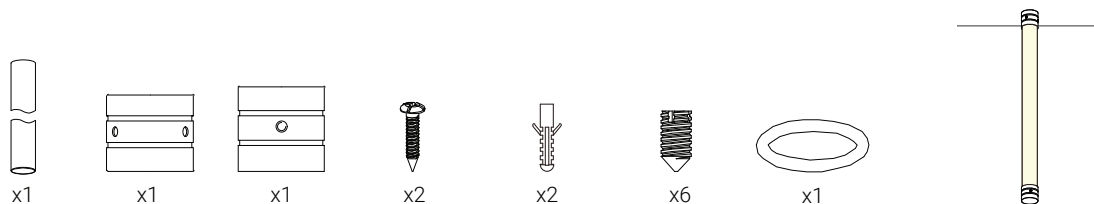
QUANTITY:

MOUNTING OPTIONS

SINGLE ENDED

Order Code: PPN360-SE

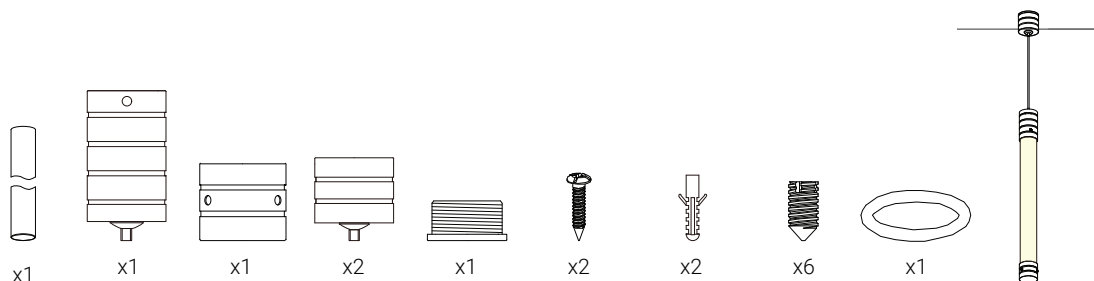
Vertical ceiling mounting with single-ended by acrylic tube.



VERTICAL SUSPENSION

Order Code: PPN360-VS

Vertical suspension on ceiling by hanging wire and acrylic tube.



DOUBLE ENDED

Order Code: PPN360-DE

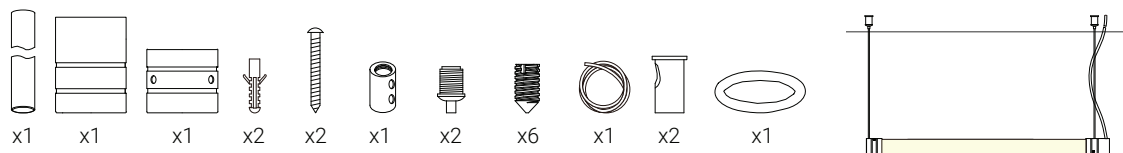
Vertical ceiling mounting with double-ended.



HORIZONTAL SUSPENSION

Order Code: PPN360-HS

Horizontal suspension on ceiling by hanging wire and acrylic tube.



PROJECT:

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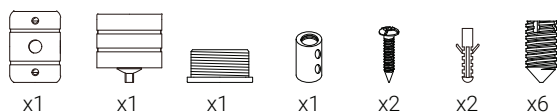
QUANTITY:

MOUNTING OPTIONS

CIRCULAR SUSPENSION

Order Code: PPN360-CS

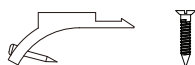
Circular suspension on ceiling by hanging wire.



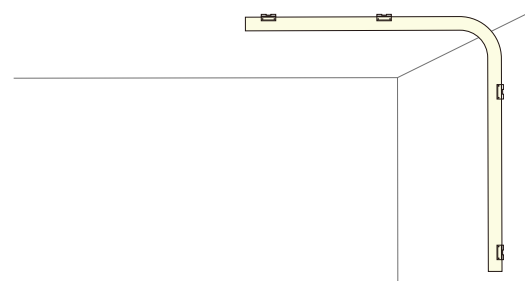
NEEDLE BUCKLE

Order Code: PPN360-NB

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



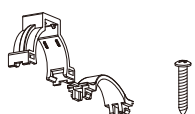
Suggested quantity:
≥ 2pcs/ 6.56 ft



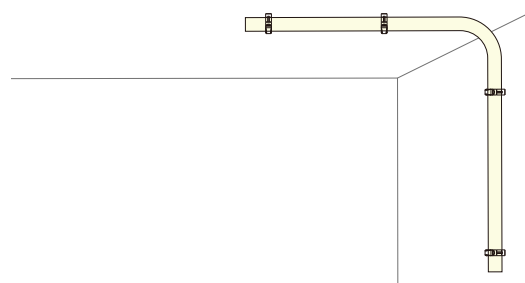
BRACKET

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.

