

RXN50H

RUGGED NEON|REINFORCED

DATASHEET
SPECIFICATIONS

Designed for: Entertainment / Touring, Nightclubs, Amusement, or Feature Lighting. RXN 360 features 21.7 RGBW pixels per meter in a chunky 50mm diameter silicon extrusion, providing a 360 degree viewing angle.

Rugged interior from factors (no internal PCB), and X-Stream data redundant protocol allow the product to endure the stress of touring. Internal steel wire removes stress on the internal circuitry and provides durable mounting to support product weight.

23 meters max run length with power feed at only one end.



At a glance

Emitters

RGBW

3000K

4000K

6000K

Fixture Options

Controls

Voltage

24V DC
36V DC

Protection

Ingress – IP65

Temperature

-20°C to 60°C
-4°F to 140°F

Optics

Pixels/m

21.7 PX/M

FIXTURE PRODUCT CONFIGURATOR

Prefix	Model	Length	Diameter	LED Colour	White CCT	Control	Power	Voltage	Accessories
RXN	50	3 – 3m 5 – 5m 10 – 10m 23 – 23m C – Custom length Custom lengths goes from one meter up to 23 meter from a single end feed	50 – 50mm	RGBW	30K – 3000K 40K – 4000K 60K – 6000K	D – DMX X – X-Stream	20 – 20W 50 – 50W	24 – 24V DC 36 – 36V DC	WR – Wire Rope BN – Black Net H – Hook

EXAMPLE: RXN – 50 – 23 – 50 – RGBW – 30K – X – 50W – 36 – WR

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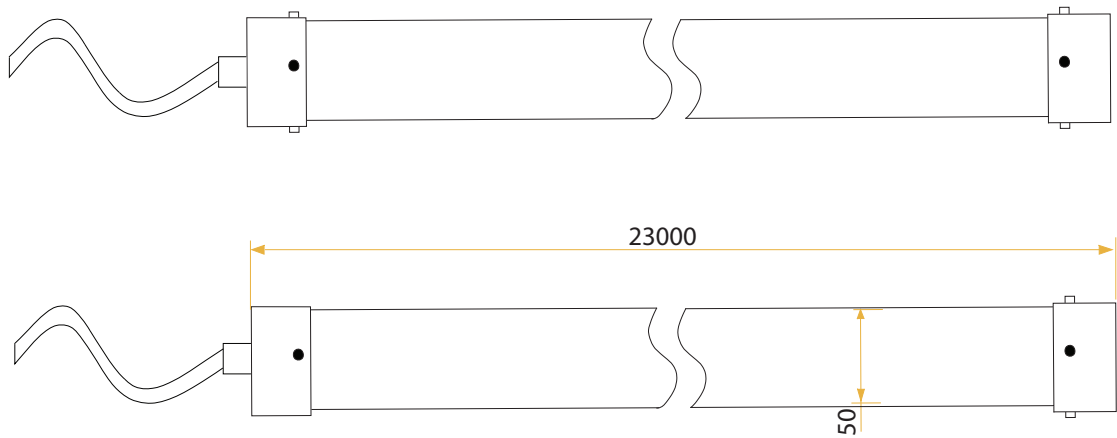
REINFORCED

FIXTURE SPECIFICATIONS

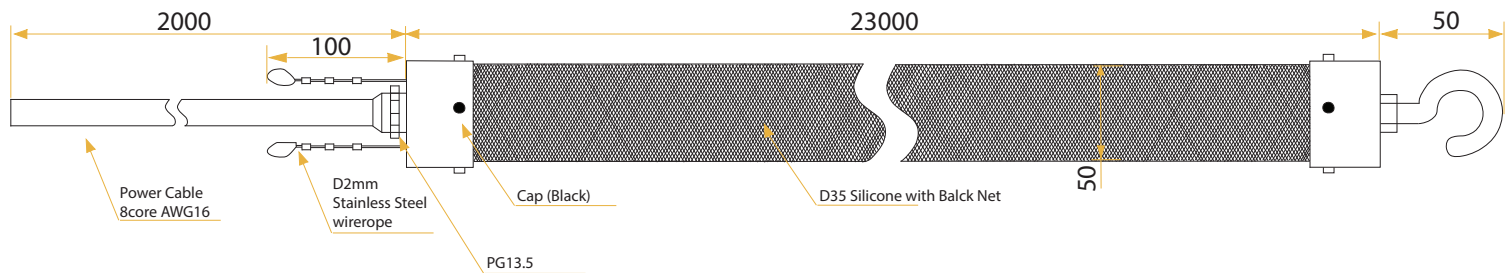
ELECTRICAL	POWER CONSUMPTION OPERATING VOLTAGE OPERATING TEMPERATURE STORAGE TEMPERATURE RATED CURRENT (MAX.)	50W PER METER (X-STREAM) / 20W PER METER (DMX) 36V DC (X-STREAM) / 24V DC (DMX) -20°C TO 60°C -40°C TO 80°C 1.3A/M (X-STREAM) / 0.83A/M (DMX)
PHYSICAL	STANDARD FIXTURE DIMENSIONS HOUSING WEIGHT IP RATING CUTTING RESOLUTION COLOUR RENDERING INDEX (CRI) PIXEL/M LIFESPAIN AT 25° ACCESSORIES MAX REEL LENGTH	50MM (Ø) SILICONE – IP65 46MM (X-STREAM) / 71.4MM (DMX) RA90 21.7 PIXELS (X-STREAM) / 14 PIXELS (DMX) 50,000H STAINLESS STEEL WIREROPE, HOOK, BLACK NET 23 METER PER REEL
OPTICAL	BEAM ANGLE COLOUR RANGE WAVELENGTH (NM) LUMINANCE THROUGH MESH LUMINOUS FLUX	360° RGBW R: 617-625NM / G: 525-325NM / B: 460-470NM / W:4000K OPTION 1: 57%, OPTION 2: 44%, OPTION 3: 30%, OPTION 4: 27% 90.5LM/WHITE, 25.6LM/BLUE, 151.7LM/GREEN, 44.5/RED
DIMING & CONTROL	CONTROL PROTOCOLS	X-Stream, DMX
FIXTURE RATING & CERTIFICATIONS	IP65 /RoHs	 
LIMITED WARRANTY	3 YEARS *Extendable warranty available	

FIXTURE DIMENSIONS

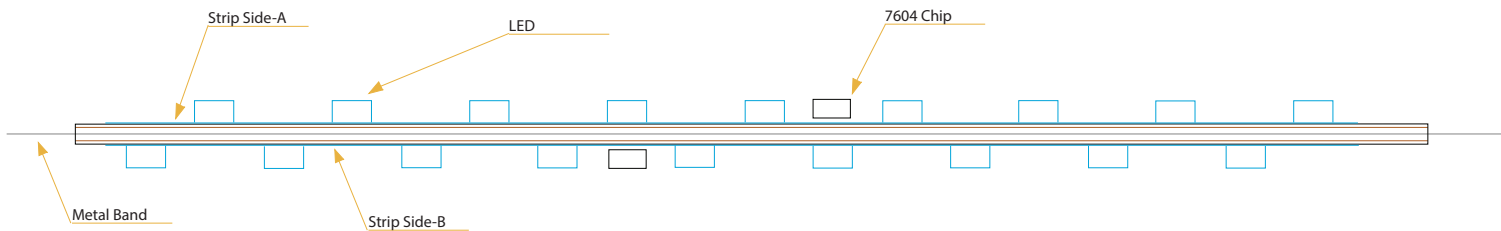
RXN50 DIMENSIONS



RXN50 WITH MESH VIEW

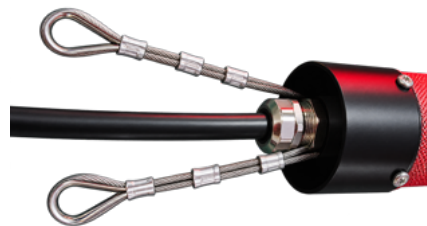


RXN50 INSIDE VIEW



RXN50 ACCESSORIES

Stainless Steel Wirerope



Hook



Silicone with Black Net



TYPICAL WIRING DIAGRAM

