

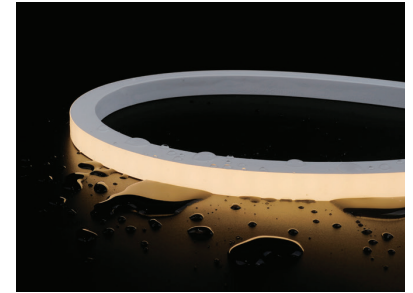
LFX NEON SAUNA SERIES 16

SPEC SHEET

LFX-N-S16



YYZ LFX Neon series is designed to provide a very bright, crisp consistent and homogenized illumination that will accentuate any building, structure, or artistic flourish. Using high brightness surface mounted LEDs, behind a first-class eco-friendly UV-resistant Silicone polymer encapsulated flexible chamber material, the LFX Neon will provide your project with bright, consistent traces of light in shades of White, single colors. The fixture consists of uniform and even lighting with no Led hotspot. LFX Neon has a transverse minimum radius of 60mm and is horizontal bendable. Easy to install, can be cut and reconnected with IP68 protected connector. The product is supplied in 5m standard rolls or custom as needed.



SPECIFICATIONS

	Mono, TW	RGBW
OPERATING VOLTAGE	24 VDC	
RATED POWER	1.5W/ft (5W/m)	3W/ft (10W/m)
LED SOURCE	SMD LED 2835	
CUTTING LENGTH	2" (50mm)	
MIN. BEND DIA.	7.87" (200mm)	
COLOR RANGE	2700K, 3000K, 3500K, 4000K, 5000K, 6500K, TW	RGBW
LUMENS @3000K (CV)	132 lm/ft (432 lm/m)	179 lm/ft (589 lm/m)
BEAM ANGLE	120°	
CRI	≥90	
MAXIMUM RUN LENGTH	32.80ft / 10m (Mono), 16.4ft / 5m (TW)	16.4ft / 5m (RGBW)
BINNING	1 Step	
LAMP LIFE	70,000 hrs L70@25°C, 50,000 hrs L70@50°C	
CONTROLS	Switched, 0-10V, DALI, TRIAC, DMX	DMX
BODY MATERIAL	Silicone	
COLOR FINISH	White	
OPERATING TEMP.	-25°C to +105°C	
STORAGE TEMP.	-25°C to +60°C	
IP RATING	IP67	
IK RATING	IK10	

SMD LED 2835
LED Quality

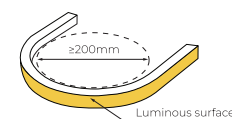
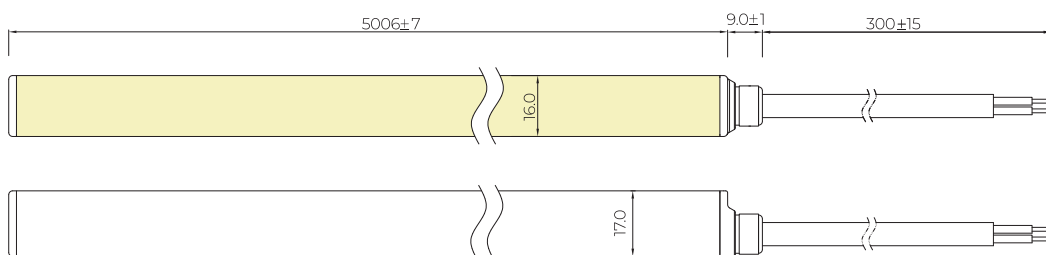
24V DC
Working Voltage

5W/m
Rated power

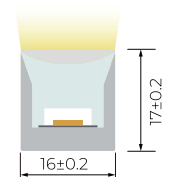
SPECIFICATIONS

	CV		CC	
Color	lm / m	lm / ft	lm / m	lm / ft
2700K	431 lm/m	131 lm/ft	359 lm/m	109 lm/ft
3000K	432 lm/m	132 lm/ft	376 lm/m	115 lm/ft
3500K	468 lm/m	143 lm/ft	364 lm/m	111 lm/ft
4000K	478 lm/m	145 lm/ft	380 lm/m	116 lm/ft
5000K	478 lm/m	145 lm/ft	386 lm/m	137 lm/ft
6500K	469 lm/m	143 lm/ft	380 lm/m	116 lm/ft
Tunable White	448 lm/m	137 lm/ft	-	-
RGBW (3000K)	589 lm/m	179 lm/ft	-	-

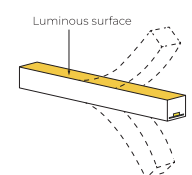
DIMENSION



Min Bending diameter



Cross section



Bend vertical only

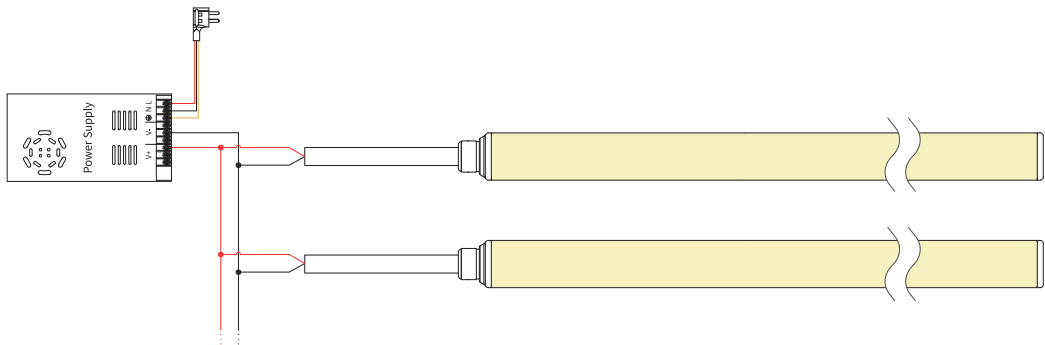
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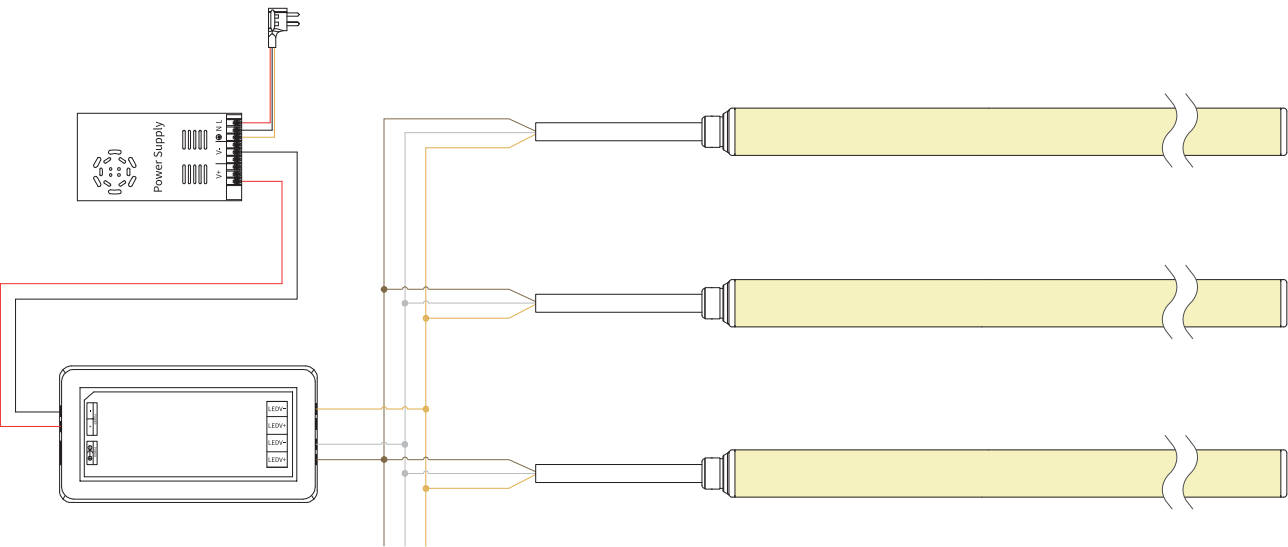


CONNECTION DIAGRAM

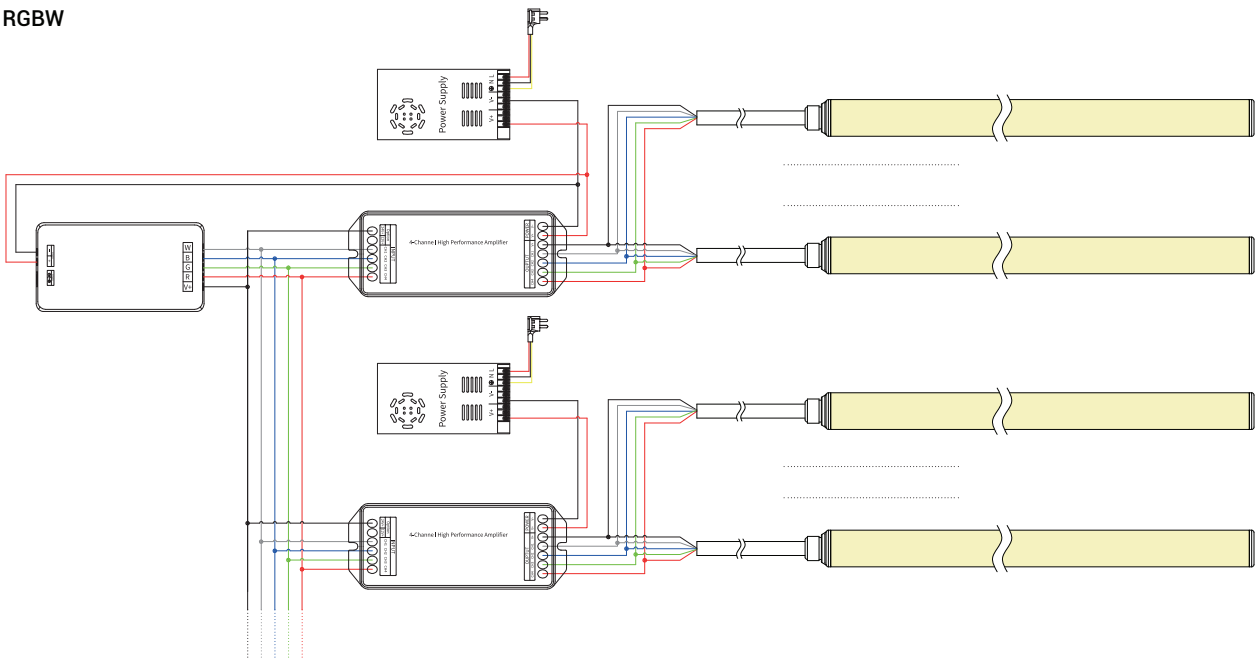
Mono



Tunable White



RGBW



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ORDERING CODE

PRODUCT SERIES	TYPE	MODEL	BENDING	POWER	VOLTAGE	CC/CV	COLOR TEMPERATURE	CONTROL
LFX - LFX	N - Neon	S16 - Sauna 16	VB - Vertical Bend	5W - 5W/m	DC - 24V DC	CC - Constant Current CV - Constant Voltage	CT27 - 2700K CT30 - 3000K CT35 - 3500K CT40 - 4000K CT50 - 5000K CT65 - 6500K TW - Tunable	SW - Switched DIM - 0-10V DAL - DALI TRI - TRIAC DMX - DMX

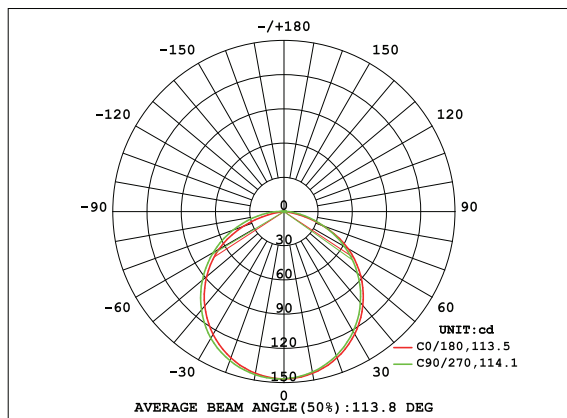
Sample: LFX-N-S16-VB-5W-DC-CV-CT30-SW

PRODUCT SERIES	TYPE	MODEL	BENDING	POWER	VOLTAGE	CC/CV	COLOR TEMPERATURE	CONTROL
LFX - LFX	N - Neon	S16 - Sauna 16	VB - Vertical Bend	5W - 5W/m	DC - 24V DC	CV - Constant Voltage	RGBW27 - RGBW+2700K RGBW30 - RGBW+3000K RGBW32 - RGBW+3200K RGBW37 - RGBW+3700K RGBW45 - RGBW+4500K RGBW57 - RGBW+5700K	DMX - DMX

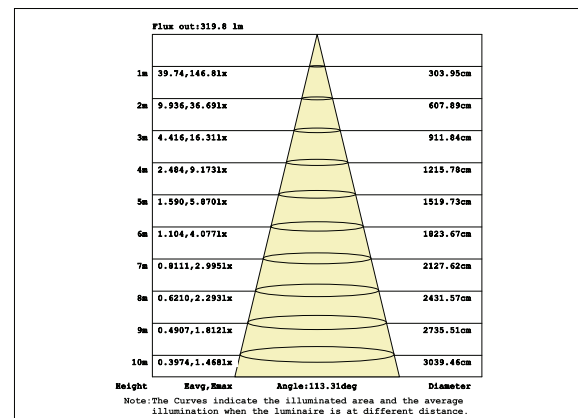
Sample: LFX-N-S16-VB-5W-DC-CV-RGBW30-DMX

PHOTOMETRIC DATA

Light Distribution Curve



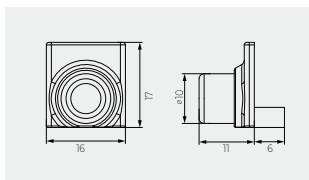
Illuminance curve



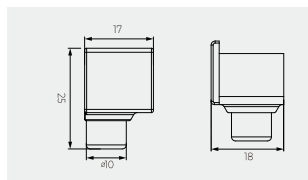
Note: The above data is based on 24V, 5W/M, single colour with 4000k colour temperature. If you need IES files for other types, please contact our sales department.

END CAP

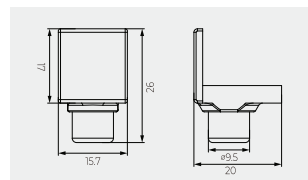
Integral End Cap (IP67)



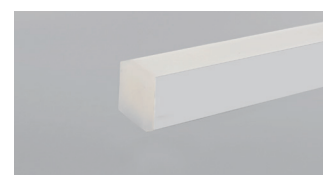
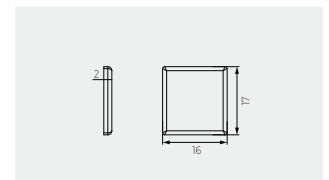
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End cap

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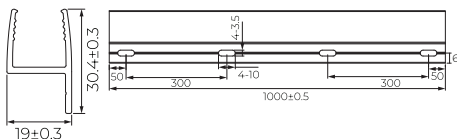


CABLES

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
Silicone Cable		OD: 6.0mm / Inner core: 20AWG	●●	Red V+, Black V-
		OD: 6.0mm / Inner core: 20AWG	●○●	Black V+, White W, Yellow WW
		OD: 6.4mm / Inner core: Red/Black--20AWG Green/Blue/White--22AWG	●○●●●	Black V+, White W, Blue B, Green G, Red R
Waterproof		OD: 6.0mm / Inner core: 20AWG M12Male / Female connector	●●	Red V+, Black V-
Connector with		OD: 6.0mm / Inner core: 20AWG M12Male / Female connector	●○●	Black V+, White W, Yellow WW
Silicone Cable		OD: 6.4mm / Inner core: Red/Black--20AWG Green/Blue/White--22AWG M12Male / Female connector	●○●●●	Black V+, White W, Blue B, Green G, Red R

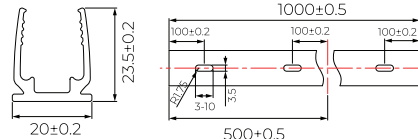
ACCESSORIES (1 OF 2)

PC Profile



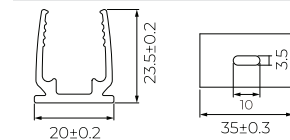
Length: 1000X19X30.4
Accessories:
Screw M3X16 (SUS304)

PC Profile



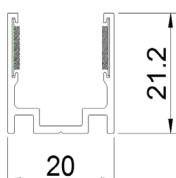
Length: 1000X20X23.5
Accessories:
Screw M3X16 (SUS304)

PC Clip

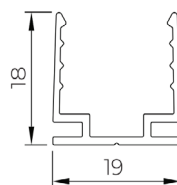
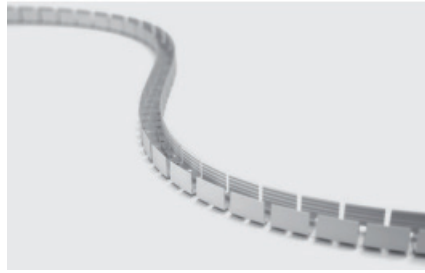


Length: 35X20X23.5
Accessories:
Screw M3X16 (SUS304)

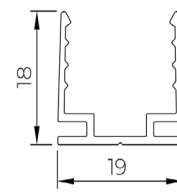
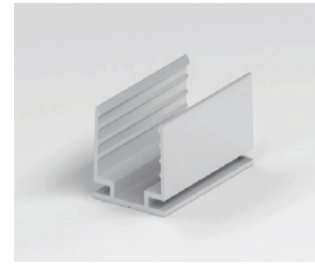
Striaight Alu Profile



Flexible Alu Profile



Alu Clip



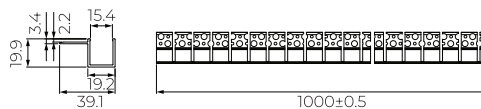
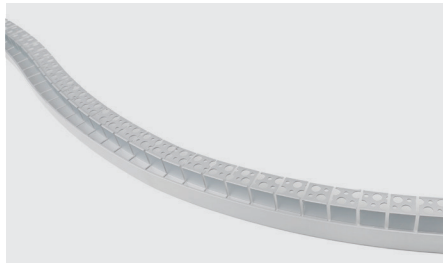
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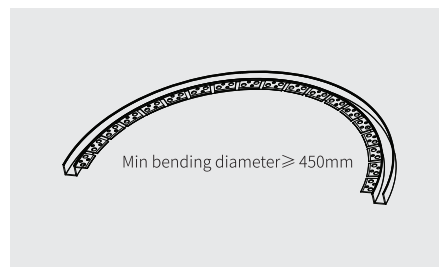
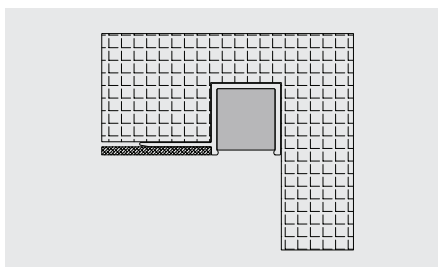
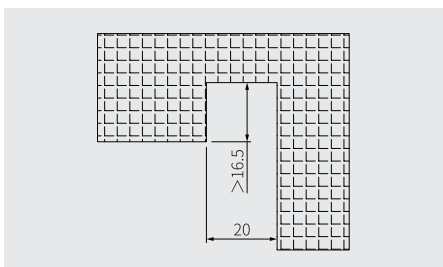
ACCESSORIES (2 OF 2)

Flexible Recessed Single-Sided Aluminum Profile

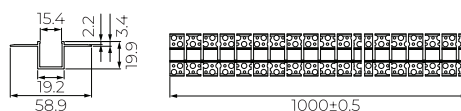
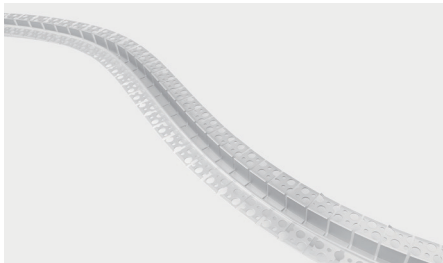


Length:
1000x39.1x19.9
Accessories:
Screw M3X16 (SUS304)

Installation method of flexible recessed single-sided aluminum profile



Flexible Recessed Double-Sided Aluminum Profile



Length:
1000x58.9x19.9
Accessories:
Screw M3X16 (SUS304)

Installation method of flexible recessed double-sided aluminum profile

