

LNT-65 SPA RGBW

2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

Project _____

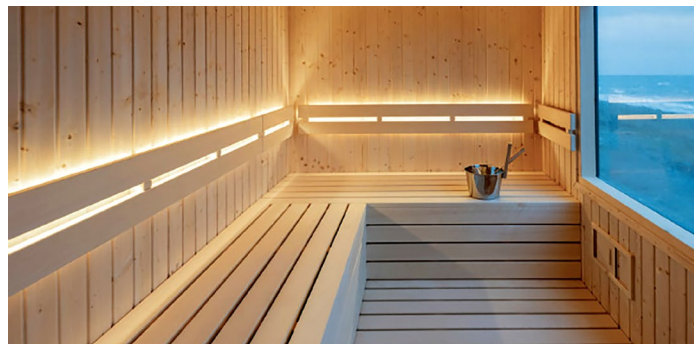
Location _____

Quote/ Ref # _____

The **LNT-65 SPA RGBW** is a high performance flexible LED fixture designed for use in a sauna/steam environment. Designed to resist high temperatures with its adaptive constant current control built-in feature. It is a flexible strip light that can bend around contours or tight curves horizontally or vertically without being damaged.

SPECIFICATIONS

INPUT VOLTAGE	24V DC Constant Voltage
POWER CONSUMPTION	2W per Ft.
LUMEN OUTPUT	242 Lm/ Ft. (147 Lm/Ft.— RGB) 95 Lm/Ft.— White)
CRI	88+
COLOR TEMPERATURE	RGBW27K/ RGBW30K/ RGBW40K
DIMMING/ CONTROL	DMX
MAXIMUM RUN LENGTH	32 Ft.
MINIMUM RUN LENGTH	9.84"
CUT INTERVALS	Every 83.31mm (3.28 in)
STORAGE TEMPERATURE	-40°F (-40°C) to 176°F (80°C)
OPERATING TEMPERATURE	-4°F (-20°C) to 194°F (90°C)
BEAM ANGLE	160°
LED CHIP	NICHIA
HUMIDITY	0-95% Non Condensing
IP RATING	IP67
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.



FEATURES

- Sauna/ Steam rated for use in higher temperatures
- High color consistency and smooth illumination
- Multiple CCT options available
- Continuous run length up to 32 Ft.
- Bottom, Side and End Feed options
- UL Listed (US and Canada)

* This product is factory-cut only. Do not field modify.



MODEL	SURFACE	COLOR TEMP	VOLT	LENGTH	INPUT	LENGTH	OUTPUT	LENGTH*
LNT-65SPA	HB Horizontal Bend	RGBW27K RGB+2700K	24 24V DC	Please refer to page 5 for exact cutting lengths.	BF Bottom Feed	HW3 3 Ft. Power Feed	BF Bottom Feed	HW3 3 Ft. Power Feed
	VB Vertical Bend	RGBW30K RGB+2700K			SFL Side Feed Left	HW10 10 Ft. Power Feed	SFL Side Feed Left	HW10 10 Ft. Power Feed
		RGBW40K RGB+4000K			SFR Side Feed Right	HW15 15 Ft. Power Feed	SFR Side Feed Right	HW15 15 Ft. Power Feed
					EF End Feed	HW30 30 Ft. Power Feed	EF End Feed	HW30 30 Ft. Power Feed
							HW50 50 Ft. Power Feed	EC End Cap
* Not compatible with End Cap (EC)								

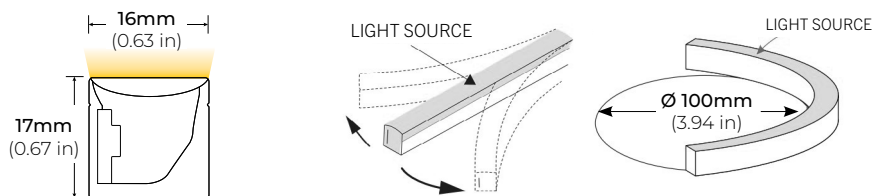
* Not compatible
with End Cap (EC)

LNT-65 SPA RGBW

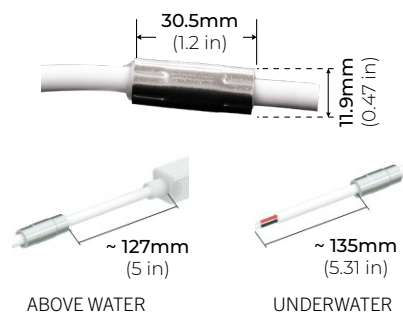
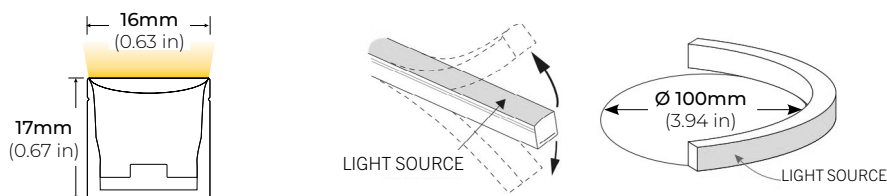
2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

DIMENSIONS

LNT65-HB (HORIZONTAL BEND)



LNT65-VB (VERTICAL BEND)



ABOVE WATER

UNDERWATER

POWER FEED CHOKER

All CORE Lighting IP67/IP68 Neons include a choker that sits roughly 5" from the end of the Neon for above water applications, and roughly 5.31" from the end of the cable for underwater applications.

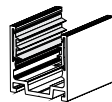
**Warranty is void if removed.*

COMPATIBLE ACCESSORIES

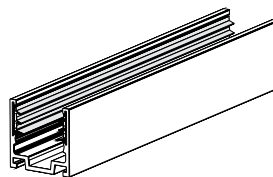
SELF LOCKING ALUMINUM PROFILE

LNT65-AC2
0.78" PROFILE

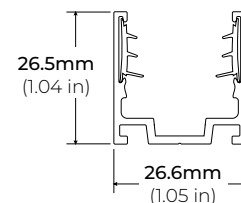
LNT65-AC39
39" PROFILE



LNT65-AC2

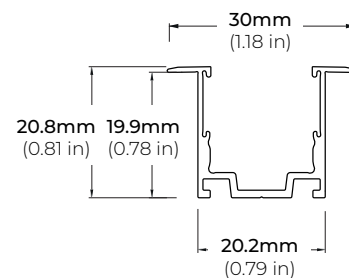
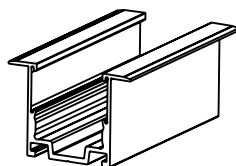


LNT65-AC39



RECESSED PROFILE

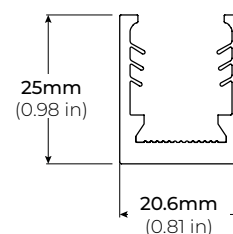
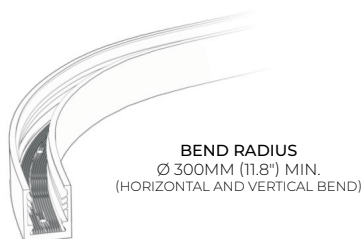
LNT65-RS39
39" PROFILE



FLEXIBLE PROFILE

LNT65-SPX39-WH
39" PROFILE (WHITE)

LNT65-SPX39-BK
39" PROFILE (BLACK)



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COMPATIBLE ACCESSORIES

RACEWAY PROFILE

LNT65-ARC39-SI
39" PROFILE (SILVER)

LNT65-ARC39-WH
39" PROFILE (WHITE)

LNT65-ARC39-BK
39" PROFILE (BLACK)

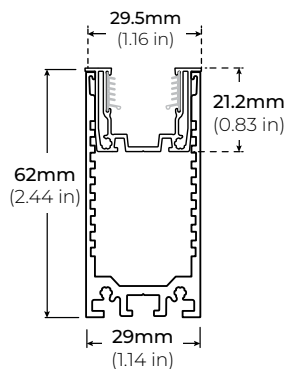
LNT65-ARC-EC
END CAPS

* Set of 2 (1 with Hole and 1 without Hole)

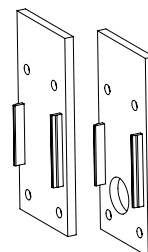
* Sold Separately

LNT65-ARC-JB
JOINER BRACKET

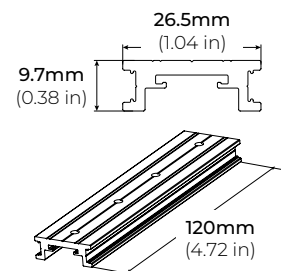
* Sold Separately



LNT65-ARC39



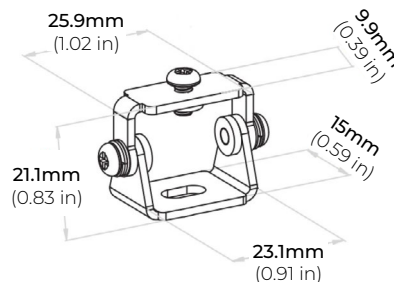
LNT65-ARC-EC



LNT65-ARC-JB

LNT65-BKT-ADJ
ADJUSTABLE BRACKET

* Only compatible with LNT65-AC2 and LNT65-AC39

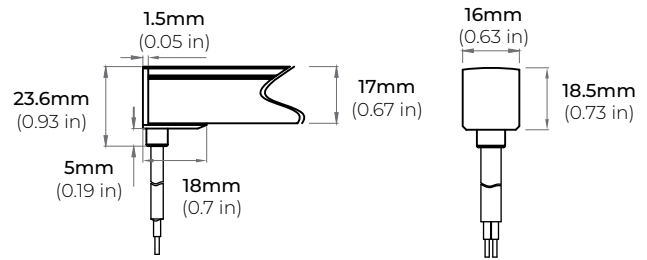


LNT-65 SPA RGBW

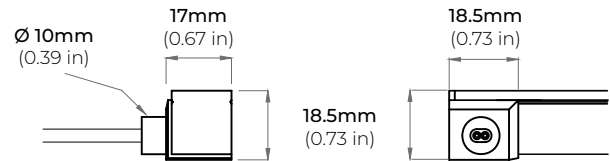
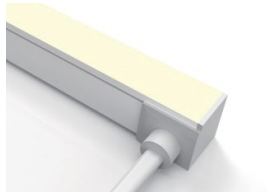
2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

POWER FEED

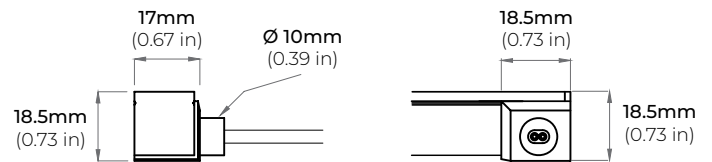
BF
BOTTOM FEED



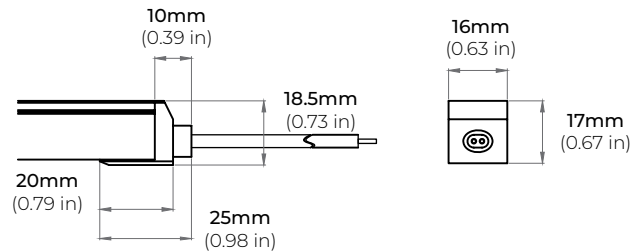
SFL
SIDE FEED LEFT



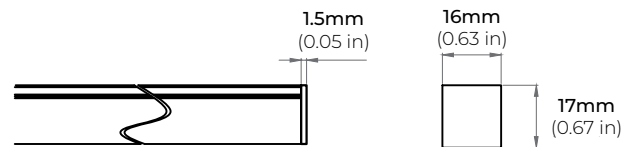
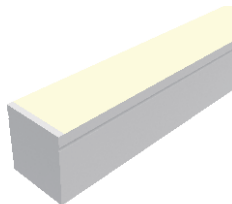
SFR
SIDE FEED RIGHT



EF
END FEED



LNT65-EC
END CAP



LNT-65 SPA RGBW

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CUTTING LENGTHS

LNT-65 Spa RGBW is cuttable every **3.28" (8.33CM)**. Please refer to the chart below to determine actual lengths once LED is cut versus actual lengths required or specified.

Total Length Calculation = LNT Neon Series Length + End Feed option Length
98.6" Total Length = LNT Neon Series (98.4") + (0.20") Side Feed

* Optional lead wire lengths available: **3Ft., 10Ft., 16Ft., 32Ft., 50Ft.**

* **Minimum Run Length is 9.84".**

POWER FEED OPTION	
END FEED	1.1"
BOTTOM FEED	0.20"
SIDE FEED	0.20"

CUTTING LENGTH INCREMENT TABLE

LENGTH (IN)	LENGTH (IN)	LENGTH (IN)
9.84	141.04	272.24
13.12	144.32	275.52
16.4	147.6	278.8
19.68	150.88	282.08
22.96	154.16	285.36
26.24	157.44	288.64
29.52	160.72	291.92
32.8	164	295.2
36.08	167.28	298.48
39.36	170.56	301.76
42.64	173.84	305.04
45.92	177.12	308.32
49.2	180.4	311.6
52.48	183.68	314.88
55.76	186.96	318.16
59.04	190.24	321.44
62.32	193.52	324.72
65.6	196.8	328
68.88	200.08	331.28
72.16	203.36	334.56
75.44	206.64	337.84
78.72	209.92	341.12
82	213.2	344.4
85.28	216.48	347.68
88.56	219.76	350.96
91.84	223.04	354.24
95.12	226.32	357.52
98.4	229.6	360.8
101.68	232.88	364.08
104.96	236.16	367.36
108.24	239.44	370.64
111.52	242.72	373.92
114.8	246	377.2
118.08	249.28	380.48
121.36	252.56	383.76
124.64	255.84	
127.92	259.12	
131.2	262.4	
134.48	265.68	
137.76	268.96	

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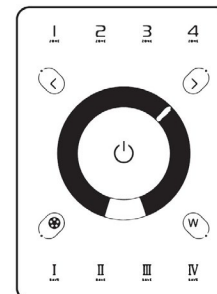
DMX CONTROLLERS

All DMX Controllers require a DMX Decoder and Non-Dimming Driver.
Please refer for page 7 and 8 for compatible options.

RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

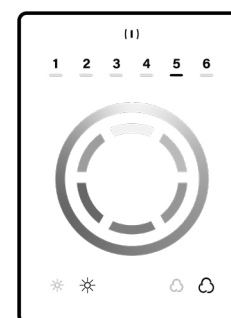
INPUT VOLTAGE	5V DC, 1A
OUTPUT SIGNAL	RF 2.4GHZ + DMX512
CONTROL	4 ZONES
COLOR OPTIONS	Black/ White
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.19"x7.08"x1.38")



RGB-SCW4

WiFi DMX WALL CONTROLLER

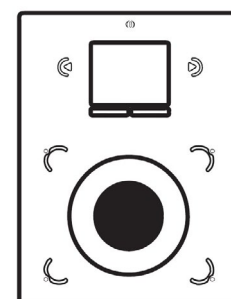
INPUT VOLTAGE	5 - 10V DC, 06A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



RGB-SDE3

WiFi DMX WALL CONTROLLER

INPUT VOLTAGE	6V DC, 0.6A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC/ Tablet/ Smartphone
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay
MEMORY	MicroSD Card
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



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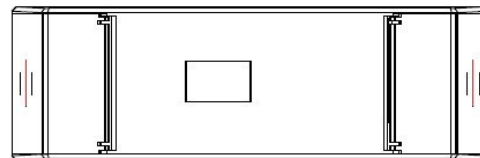
DMX DECODERS

*All DMX Decoders require a DMX Controller and Non-Dimming Driver.
Please refer for page 6 and 8 for compatible options.*

RGB-DMX-4C-RJ45

4-CHANNEL DMX DECODER

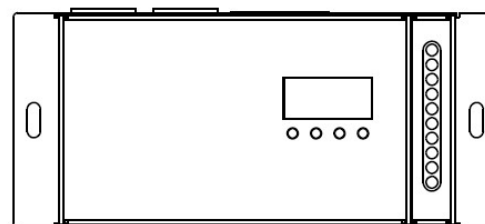
INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 4CH
OUTPUT WATTAGE	4 x (96W ~ 288W)
OUTPUT CHANNELS	4
DIMENSIONS	LxWxH (6.5"x2.38"x1.27")



RGB-DMX-5C-XLR

5-CHANNEL DMX DECODER

INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 5CH
OUTPUT WATTAGE	5 x (96W ~ 192W)
OUTPUT CHANNELS	5
DIMENSIONS	LxWxH (6.45"x2.87"x1.5")



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UPDATED: 10.05.26

NON-DIMMING DRIVERS (COMPATIBLE WITH ALL SYSTEMS)

PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V		10.24" X 4.06" X 1.81"
PSHK-200W-24V		10.24" X 4.06" X 1.81"
PSHK-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSHK-300W-24V		10.24" X 4.25" X 1.81"

