LINIO NEON 1010X TV TW
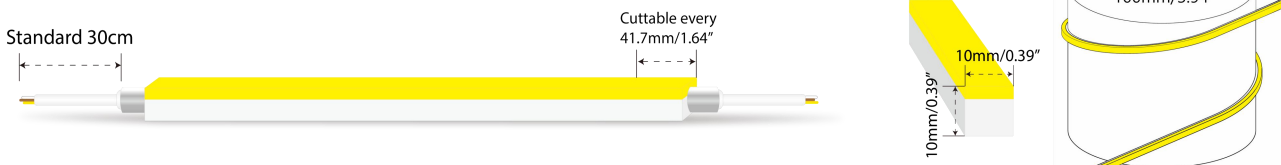## Outdoor · Tunable White · 3-sided light

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Features

• Field cuttable & joinable

• 3-sided lighting design

• Tunable white, CCT changing from 2700K to 5300K

• IP67 rated, ideal for indoor and outdoor uses

• UV stable without yellowing or cracking over time

• 5 years warranty

UL | IP67 | OUTDOOR | WET LOCATION | 24V DC | 5 Yr. WARRANTY

FIELD CUTTABLE | FIELD JOINABLE | DIMMABLE | UV Stablized

Dimension & Bending

Standard 30cm

Cuttable every 41.7mm/1.64"

10mm/0.39"

10mm/0.39"

Bending Diameter 100mm/3.94"

Physical

Dimensions	10mm x 10mm (width x height)
Bend Direction	Vertical bending
Bend Diameter	100mm
Cutting Interval	41.7mm
Field Cuttable	Yes
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	White
Finish	Matte
Feed Entry	Front, side, bottom
Feed Length	Standard length 30cm
End Cap	Injected/silicone
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-25~60℃ (-13~140°F)
Ambient Temperature	-25~45℃ (-13~113°F)
Max. Production Length	30m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	160°
MacAdam	3 steps
Efficacy (lm/W)	75.9lm/W @2700K+5300K
CRI	Ra>90
Lumen Maintenance	> 54,000 hours
IP Rating	IP67
Resistance	UV, solvent, saltwater, flame
Dimming	Triac, ELV, PWM, 0-10V, DMX, SPI
Warranty	5 years

Certification & Safety

Certifications	UL, CE, REACH, RoHS, CB
Environment	Dry, damp or wet locations

Lumen/M	11.6W
2700K	420
5300K	460
2700K+5300K	880
Max. Run Length (M)	10

▌| **Designer's Custom Playground**

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Specification subject to change without notice. Rev-2024-10-14

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Order Code

| Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (mm)
LN1010XTV	2755=2700K+5300K	116=11.6W	**FF**=Front + Front **BB**=Bottom + Bottom **SS**=Side + Side **FC**=Front + Closed **FB**=Front + Bottom **BF**=Bottom+Front **FLS**=Front + Left Side **FRS**=Front + Right Side **BC**=Bottom + Closed **BLS**=Bottom + Left Side **BRS**=Bottom + Right Side **LSC**=Left Side + Closed **RSC**=Right Side + Closed	**OW**=Open wire 30cm **MFCW**=Male & female connector with 30cm white cable **MFCB**=Male & female connector with 30cm black cable	**IJ**=Injected end cap (IP67) * Factory made only **SEC**=Silicone end cap (IP67) * End caps are added by default	Min. - 41.7mm Max. run - 10000mm Cut Inc. - 41.7mm

Example: LN1010XTV-2753-116-FF-OW-IJ-01000   * Customizable—Contact Beamever representatives
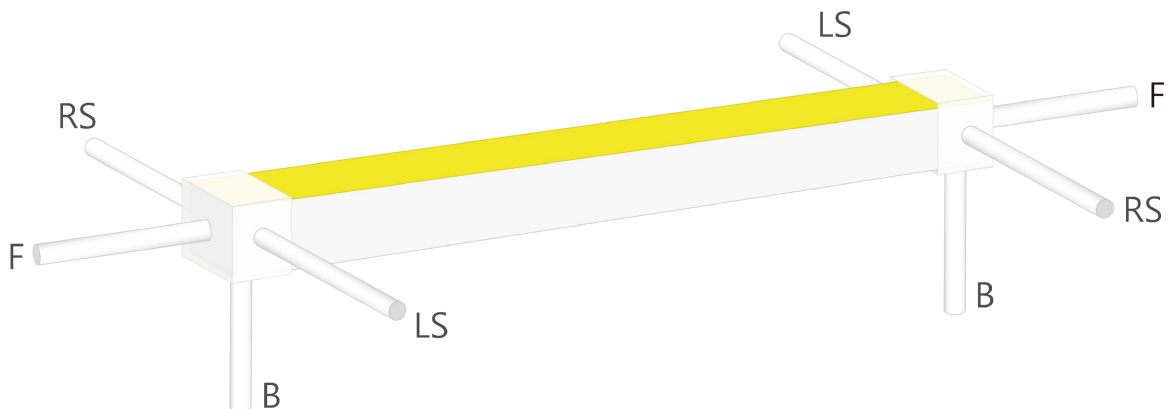
* **Do not install in an environment that is permanently flooded with water or high in humidity, as damage to the neon will occur.**

Feed Entry Options

For injected end cap (IP67), factory made only
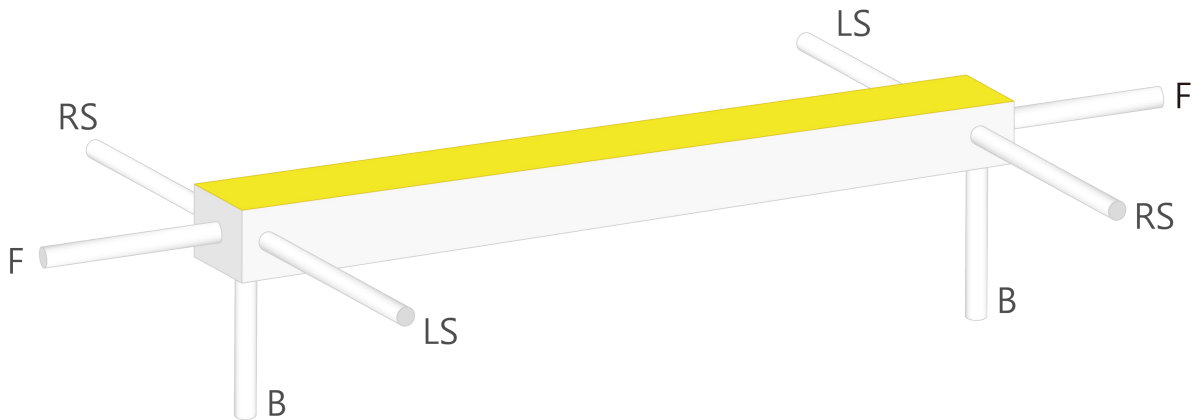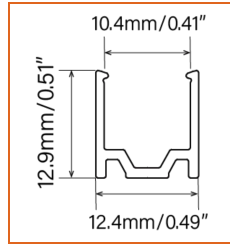

For silicone end cap (IP67)

Mounting Options

* Standard length is 1m/pcs.

Name	Straight surface channel
Code	LN1010-SC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	12.4mm
Height	12.9mm
Internal width	/
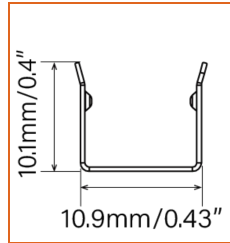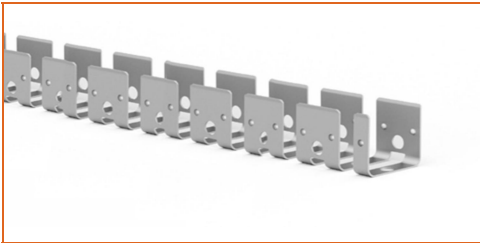
* Standard length is 0.5m/pcs.

Name	Bendable channel
Code	LN1010-BC
Material	Stainless Steel
Mounting style	Surface mounted
Length	0.5m
Width	10.9mm
Height	10.1mm
Internal Width	/
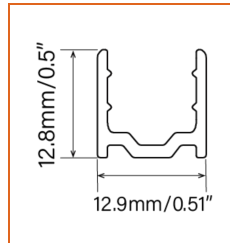
* Standard length is 1m/pcs.

Name	PC channel
Code	LN1010-PC
Material	PC
Mounting style	Surface mounted
Length	1m
Width	12.9mm
Height	12.8mm
Internal width	/
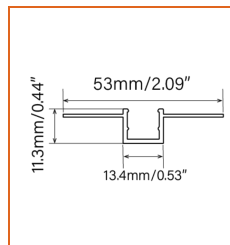
* Standard length is 1m/pcs.

Name	Mud-in channel
Code	LN1010-MC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	53mm
Height	11.3mm
Internal width	/
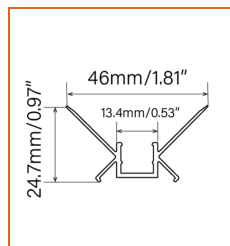
* Standard length is 1m/pcs.

Name	Inside corner channel
Code	LN1010-IC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	46mm
Height	24.7mm
Internal width	/

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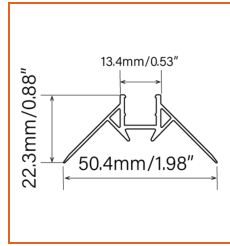
* Standard length is 1m/pcs.

Name	Outside corner channel
Code	LN1010-OC
Material	Aluminum
Mounting style	Mud-in mounted
Length	1m
Width	50.4mm
Height	22.3mm
Internal width	/
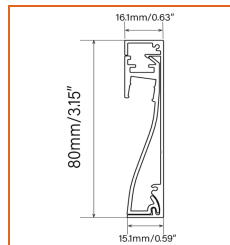
* Standard length is 1m/pcs.

Name	Skirting board channel
Code	LN1010-SBC
Material	Aluminum
Mounting style	Surface mounted
Length	1m
Width	16.1mm
Height	80mm
Internal width	/
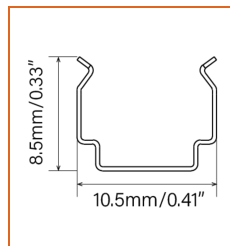
* Recommend use 4 mounting clip for 1m of neon.

Name	Mounting clip
Code	LN1010-CL
Material	Stainless Steel
Mounting style	Surface mounted
Length	7mm
Width	10.5mm
Height	8.5mm
Internal Width	/

Driver Options

* Please refer to the spec sheet of each power supply for more detailed information

Code	Max Load	Input	Output	Dimming	Environment	Size
XLG-150-24-A	150W	100-305VAC	24VDC	Non-Dim	Dry/Damp/IP67	180x63x35.5mm (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24VDC	3 in 1 dimming	Dry/Damp/IP67	219x63x35.5mm (LxWxH)
ELG-150-24DA-3Y	150W	100-305VAC	24VDC	DALI control technology	Dry/Damp/IP67	219x63x35.5mm (L x W x H)
LM-100-24-U2A2	100W	120-277VAC	24VDC	0-10V (1-10V/10V PWM/RX, Push DIM/CCT	Dry	352x43x30mm (L x W x H)
LRS-150-24	150W	85-132V / 170-264VAC	24VDC	Non-Dim	Dry	99x97x30mm (L x W x H)
PWM-120-24	120W	90 ~ 305V / 127 ~ 431VAC	24VDC	3 in 1 dimming	Dry/Damp/IP67	191x63x37.5mm (LxWxH)

DMX Decoders & Controllers Options

Type	Code	Description	Environment	Size
DMX Decoders	LT-903	3 channels output, Max. 8A current per channel, up to 576W output power	Indoor	122x110×3mm (L x W x H)
Controllers	M2+M3-3A	3 channels output, Max. 3A current per channel, up to 216W output power	Indoor	135×30×20mm (L x W x H)
Controllers	GA2	512 DMX channels, 4 touch sensitive buttons (on/off, mode, previous, next)	Indoor	87x110x10mm (L x W x H)
Controllers	CW4	1024 DMX channels, 6 SECne buttons and a color wheel, ideal for hotels, homes and public environments	Indoor	145x107x10mm (L x W x H)

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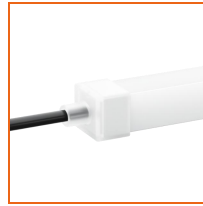
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Accessories Options (Optional, purchase for extra)

Name	Silicone closed end cap
Code	LN1010-SEC-C
	Closed silicone end cap

Name	Silicone front end cap
Code	LN1010-SEC-F-3P
	Silicone end cap front entry with 30cm black cable, 3 pin

Name	Silicone side end cap
Code	LN1010-SEC-S-3P
	Silicone end cap side entry with 30cm black cable, 3 pin

Name	Silicone bottom end cap
Code	LN1010-SEC-B-3P
	Silicone end cap bottom entry with 30cm black cable, 3 pin

Name	Male and female connectors
Code	MFC-3P-67-W
	Male and female connectors with 30cm white cable, 3 pin

Name	Male and female connectors
Code	MFC-3P-67-B
	Male and female connectors with 30cm black cable, 3 pin

Name	JST male & female connector
Code	JST-3P-67
	JST male and female connector with 20cm cable, IP67, 3 pin

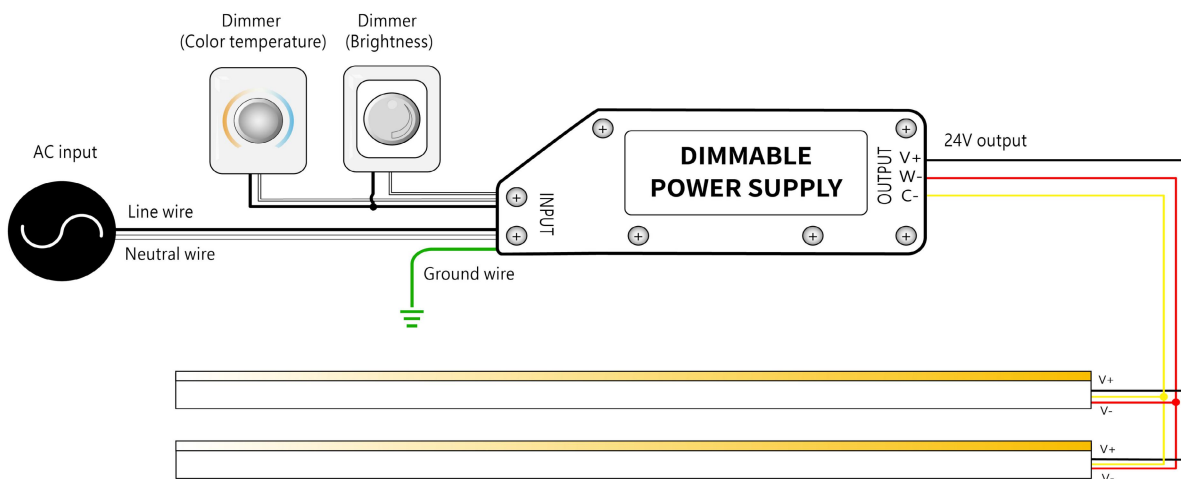|	
Name	Extension connectors
Code	ETC-3P-67-1M
	Extension Male and female connectors with 1m white cable, 3 pin

Name	Extension connectors
Code	ETC-3P-67-5M
	Extension Male and female connectors with 5m white cable, 3 pin

Wiring Diagram

Dimmable

Dimmer (Color temperature) · Dimmer (Brightness) · AC input · Line wire · Neutral wire · Ground wire · DIMMABLE POWER SUPPLY · INPUT · OUTPUT · V+ W- C- · 24V output · V+ V- V+ V-

* Dimmers need to be purchased separately.