

Mini LED Neon Light



With up to 16.4ft run lengths powered from one end, Mini LED Neon is UL Listed and saves time and money on installation. It runs on 12V DC and its silicone casing provides protection against UV and a hotspot-free appearance. Mini LED Neon is incredibly flexible, with a 1.18" minimum lateral bending radius. It is low maintenance and easy to control with any of our LED controllers



PRODUCT CODE	CCT	LUMENS/FT
HL-12V-NS06-30	3000K	65
HL-12V-NS06-55	5500K	68
HL-12V-NS06-R	Red	26
HL-12V-NS06-O	Orange	26
HL-12V-NS06-Y	Yellow	61
HL-12V-NS06-B	Blue	11
HL-12V-NS06-G	Green	35



PHYSICAL

Operating Temp	-15°F to +140°F (-26°C to +60°C)
Class II Max Run	23.2 ft.
Ra	80+
Cut Length	0.41 in (10.4 mm)
Environment	IP67
Mounting	Plastic Mounting Bracket
Package Length	16.4 ft. (5m)
Width	0.24 in (6mm)
Height	0.47 in (12mm)

ELECTRICAL

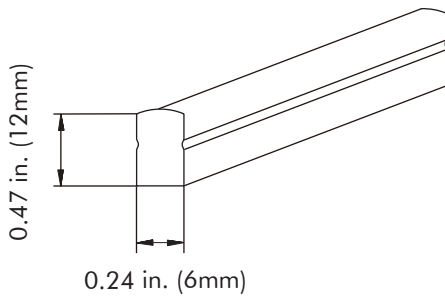
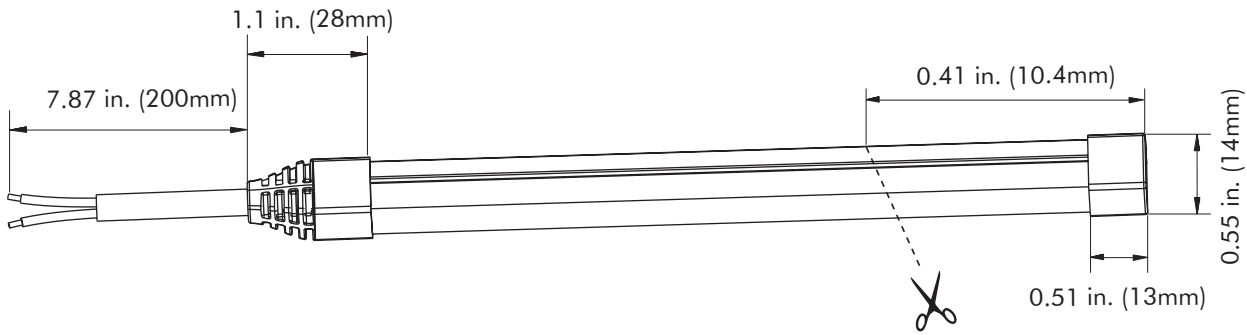
Input Voltage	12V DC
Power Consumption	<3.51 w/ft
Max. Run Length	32.8 ft.
Lamp Life	50,000+ hours
Wire Size	2464 20 AWG, 2 wire
Dimming	MLV / ELV / 0-10V
Certifications	UL Listed
Warranty	5 years for indoor

1. Lumen value measured in accordance to IES LM-80-08. LED chips have a luminous flux range with a tolerance of +/- 5%.
2. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length. Max run may exceed Class 2 limit. Actual wattage may differ from calculated wattage due to voltage drop across run.
3. Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
4. Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
5. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.

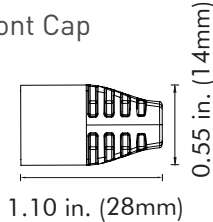
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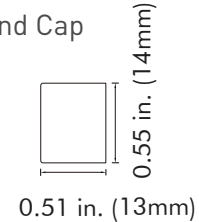
MECHANICAL DIAGRAMS



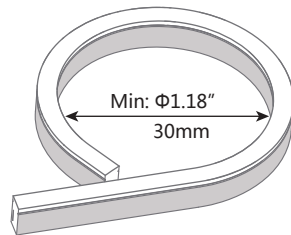
Front Cap




End Cap



Minimum Bending Radius



Choose Your Wire


PRODUCT IMAGE	SKU	LENGTH AVAILABLE
	20 AWG 2 Cores Cable Wire HL-W20-2	Custom ordered

Power Supply Options

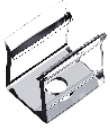
The following Listed LED Power Supplies are recommended for compatibility. They are provided for reference only. For complete specifications of compatible products, please check on www.hiliteleds.com or ask your account manager.

ON/OFF POWER SUPPLY (can be paired with a PWM single color dimmer)



12V DC Constant Voltage power supply, compatible with HL-M1 +M3.

PRODUCT IMAGE	SKU	WATTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT VOLTAGE	DIMENSION	CERTIFICATIONS
	HL-PS-L35V12	35W	12V DC	3.00A	90V - 264VAC	5.83 x 1.57 x 1.18 in.	UL Class 2
	HL-PS-L60V12	60W		5.00A		6.40 x 1.67 x 1.26 in.	

Mounting Options

PRODUCT IMAGE	SKU	DESCRIPTION
	HL-NS06-PMC	0.47" L * 0.39" W * 0.47" H Plastic mounting clip (order separately)

Product Accessory

PRODUCT IMAGE	SKU	DESCRIPTION
	HL-NS06-PC	1.10" L * 0.36" W * 0.55" H Power Feed Cap (order separately)
	HL-NS06-EC	0.51" L * 0.31" W * 0.55" H End Cap (order separately)

SAFETY / WARNINGS / DISCLOSURES

1. Install in accordance with national and local electrical code regulations.
2. This product is intended to be installed and serviced by a qualified, licensed electrician.
3. Only install with a UL listed Class 2 DC Constant Voltage LED Driver.
4. Tape light, and attached wire leads, are not rated for inwall installation unless otherwise noted.
5. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
6. Do not modify or disassemble product beyond instructions or the warranty will be void.
7. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
8. Do not install indoor LED tape light products in outdoor/ wet location environments. Only wet location tape light models are rated for outdoor / wet locations.
9. Uncoil flexible light prior operation, failure to do so may cause excessive heat which will damage the product.
10. We reserve the right to modify and improve the design of our fixtures without prior notice. We can not guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.