

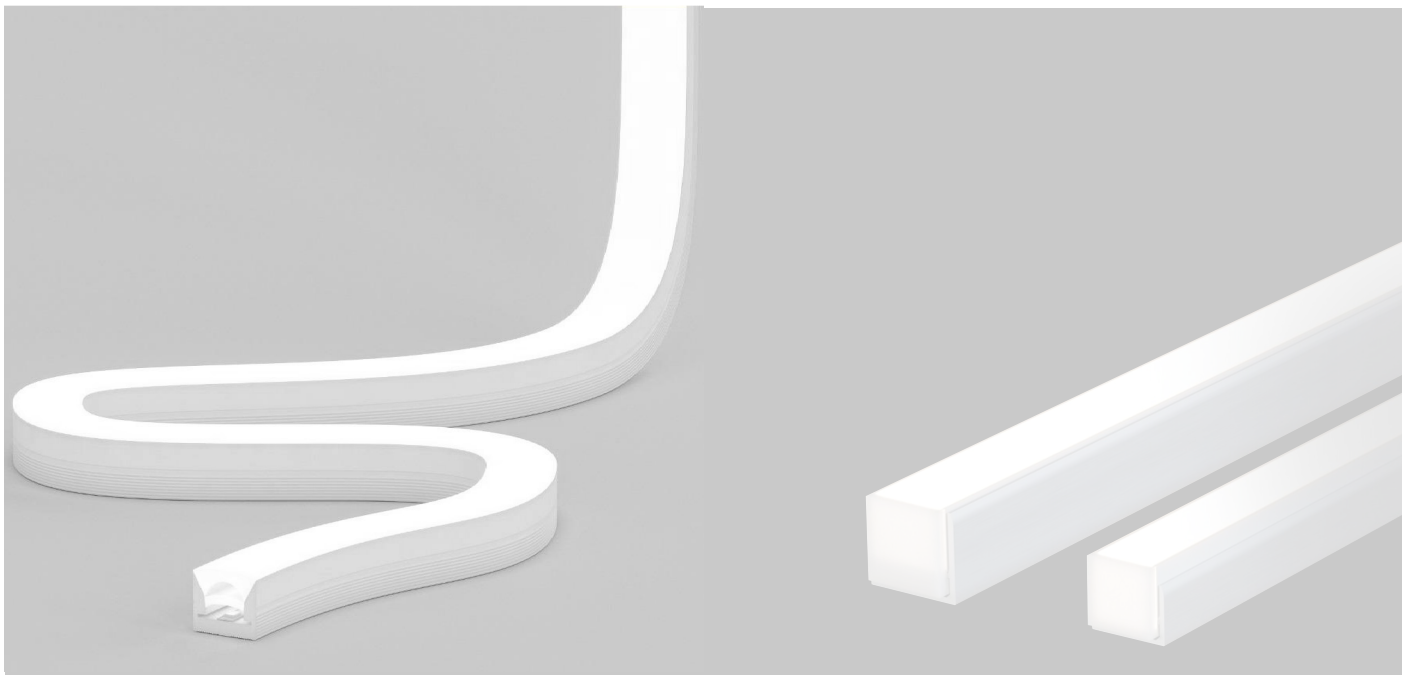
Type:_____ Qty:_____

Project:_____



HELIUM LYTE

NEON DTW



Design Features:

- The rigid PCB design in a plastic shell, allowing for any bending or twisting without damaging the LEDs, PCB, or electronic components.
- Steel wires powered, long run length, strong tensile strength and 3D bending.
- Available in both top and side bending, perfectly fixing for many irregular structures.
- PCB designed in parallel with function of skipping the broken cuttable unit.
- Single-color supports PWM dimming up to 10kHz.
- Patented product. Counterfeiting prohibited.
- 5 Year warranty.



Warranty



Wet Rated



LISTED

NEON DTW

Specs Code:

FIXTURE ID 1	LUMENS/ WATT (Per Feet) 2	LOCATION 3	LED OPTION 4
Neon Flex NF-DTW Dim To Warm	68 Lumens / 2.2Watt L68/2.2W	Indoor ID Outdoor OD	Dim To Warm DTW (1800-3000K)
TAPE WIDTH 5	VOLTAGE 6	LENGTH 7	
20mm Wide W20	24 Volt 24V	Length XX XX FT	

Order Guide:

1

2

3

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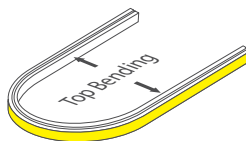
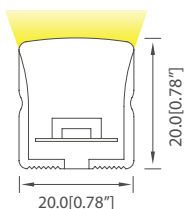
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*Example : NF-DTW-L68/2.2W-OD-DTW-W20-24V-XXFT

Product Details:



*For details please refer to the other parameter table.

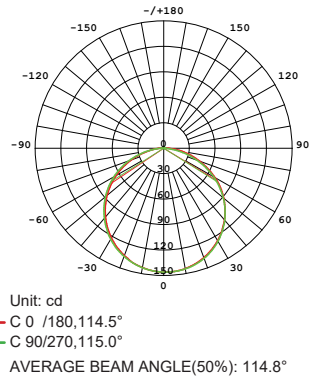




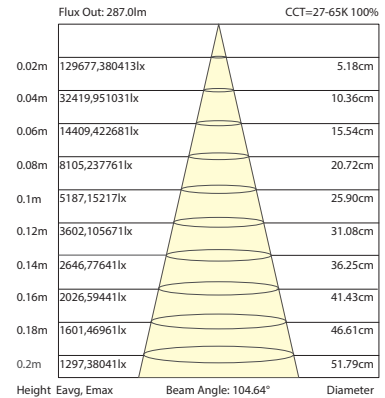
NEON DTW

Photometric:

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE ILLUMINATION



Note: the above two figures are tested with the sample of CCT 27-6500K , 100%. For other data, please consult sales rep

Lighting Chart:

NF-DTW

CCT	LUMENS/WATT (Per Feet)	EFFICIENCY	VOLTAGE	MIN. SECTION
DTW	68 Lumens / 2.2Watt	30.9 lm/w	24V DC	0.93"(23.81mm)



Warranty



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NEON DTW

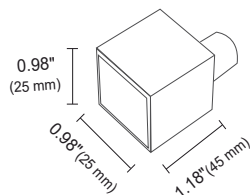
Technical Details:

Material	High Strength Silicon Body
Size	Width - 0.78" (20mm) X Any Length
Min. Section	0.93"(23.81mm)
Lumens	Upto 68lm/w - per feet.
Wattage	2.2W- per feet.
Efficacy	Upto 30.9 Lm/W
Max Run Length	Upto 10 Mtr.
CRI	90+
CCT	DTW (1800K - 3000K)
LED	SMD
Beam Angle	115.6°
Voltage	24V DC
Operating Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Certification	ETL LISTED / UL LISTED / WET RATED

Channel Details:



HL-FC - FRONT CAP



MODEL	QTY.

HL-FC

1N - 1 Nos.

2N - 2 Nos.

XXN - XX Nos.



Warranty



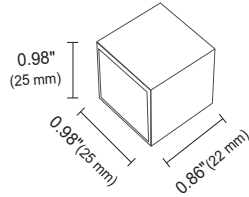
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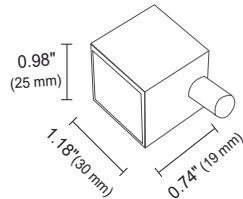
NEON DTW

Channel Details:



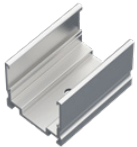
HL-CEC - CLOSING END CAP

MODEL	QTY.
HL-CEC	1N - 1 Nos. 2N - 2 Nos. XXN - XX Nos.



HL-FCB/S - FRONT CAP BOTTOM / SIDE OUTLET

MODEL	QTY.
HL-FCS	1N - 1 Nos. 2N - 2 Nos. XXN - XX Nos.



HL-ALCL - ALUMINIUM CLIP WITH SILICONE STRIP (25 X 23 X 35mm)

MODEL	QTY.
HL-ALCL	1N - 1 Nos. 2N - 2 Nos. XXN - XX Nos.



HL-ALCH -ALUMINIUM CHANNEL WITH SILICONE STRIP (30 X 23 X 1000mm)

MODEL	LENGTH
HL-ALCH	39 IN - 39 Inch XX IN - XXInch



HL-S-TRK -S-TYPE TRACK (22 X 13.7 X 1000mm)

MODEL	LENGTH
HL-S-TRK	39 IN - 39 Inch XX IN - XXInch



Warranty



Wet Rated



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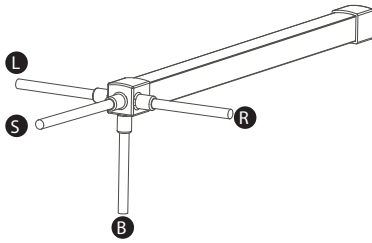


NEON DTW

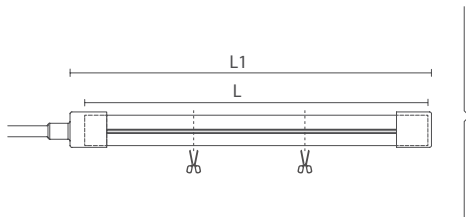
Profile & End Cap Details:

Molding pressed (IP68)

End Cap - Outlet Direction



L: Left outlet / R: Right outlet / B: Bottom outlet / S: Straight outlet



Molding pressed (IP68)

Model No.	L (mm / inch)	L1 (mm / inch)
NF - DTW	10000±10 / 393.70±0.39	10011±20 / 394.13±0.39

Notes:

- Customizable lengths are multiples of the min cuttable length.
- Considering the voltage dropping, the length of the outlet wire should short than 1m.



Warranty



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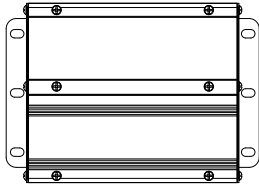
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NEON DTW

Driver Details:

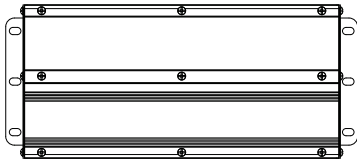
HL30AT-1W24V-BW



150 x 106 x 41.5mm

MODEL	WATTAGE	CONTROL	OUTPUT	CLASS
HL	30 - 30 Watt	AT-1W CV driver with Triac & 0-10V dimming capabilities - 1 Channel	24V - 24 Volt	BW

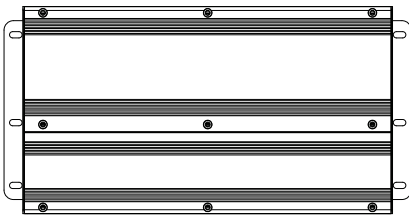
HL60AT-1W24V-BW



244 x 70 x 41.5mm

MODEL	WATTAGE	CONTROL	OUTPUT	CLASS
HL	60 - 60 Watt 96 - 96 Watt	AT-1W - CV driver with Triac & 0-10V dimming capabilities - 1 Channel	24V - 24 Volt	BW

HL192AT-2W24V-BW



260 x 132 x 52mm

MODEL	WATTAGE	CONTROL	OUTPUT	CLASS
HL	192 - 192 Watt 180 - 180 Watt 288 - 288 Watt	AT-2W - CV driver with Triac & 0-10V dimming capabilities - 2 Channel AT-3W - CV driver with Triac & 0-10V dimming capabilities - 3 Channel	24V - 24 Volt	BW

- See next page for Bluetooth Casambi drivers.



Warranty



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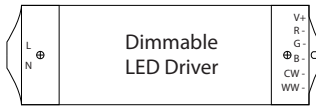


NEON DTW

Driver Details:

KVB-XX060-XC-P

CASAMBI



192.5 x 62 x 24mm

MODEL	OUTPUT	WATTAGE	CONTROL	CLASS
KVB	12V - 12 Volt 24V - 24 Volt 48V - 48 Volt	060 - 60 Watt	1C/DW 2C/CCT 3C/RGB 4C/RGBW 5C/RGBCW	P*

KVB-XX096-XC-A

CASAMBI



196 x 69.8 x 42mm

MODEL	OUTPUT	WATTAGE	CONTROL	CLASS
KVB	24V - 24 Volt 48V - 48 Volt	096 - 96 Watt 100 - 100 Watt 120 - 120 Watt	1C/DW 2C/CCT 3C/RGB 4C/RGBW 5C/RGBCW	A*

KVB-XX150-XC-A

CASAMBI

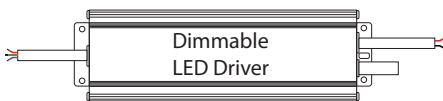


279 x 78 x 25.1mm

MODEL	OUTPUT	WATTAGE	CONTROL	CLASS
KVB	12V - 12 Volt 24V - 24 Volt 36V - 36 Volt 48V - 48 Volt	150 - 150 Watt 200 - 200 Watt	1C/DW 2C/CCT 3C/RGB 4C/RGBW 5C/RGBCW	A*

KVB-XX300-XC-A

CASAMBI



290.5 x 78 x 25.1mm

MODEL	OUTPUT	WATTAGE	CONTROL	CLASS
KVB	24V - 24 Volt 36V - 36 Volt 48V - 48 Volt	300 - 300 Watt	1C/DW 2C/CCT 3C/RGB 4C/RGBW 5C/RGBCW	A*

* Recommended Installation - Drivers can be stored into maintenance hole of the enclosure for easy access.

CLASS - P* UL standard for safety & performance of LED drivers (includes protection features)

CLASS - A* EMI compliance for commercial/industrial use (higher emission allowed)



Warranty



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NEON DTW

Other Parameters:

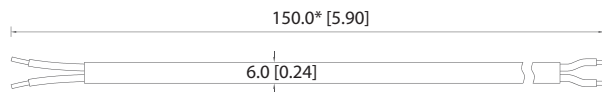
Model No.	LED Qty (pcs/m)	Dimension (W*H)	Max Run	Min. Cutting Unit	Min. Bending Diameter	Min. Bending Diameter
NF-DTW-2.2W	168	20*20mm	10m	16.67mm	200mm (Top Bending)	300mm (Side Bending)

Recommended Power Supply Upon Working Length:

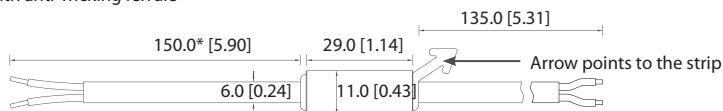
Model No.	Working Length	Current	Voltage	Measured Power	Recommended Power Supply	Power Supply Mode
NF-DTW-2.2W	1m	0.60A	DC 24V	14.4W	20W	Single Feed
	10m	5.8A		139.2W	200W	

Wire Specification:

General Wire



Wire with anti-wicking ferrule



Notes:

- You can choose one of the above two wires.
- 2/3/4/5 cores are available.
- The wire length marked with '*' supports customization.
- Don't suggest ferrule in the water avoiding Oxidation.
- Do not disassemble or reprocess the ferrule; otherwise, we will not be responsible for the consequences.

