



DL-AC-FLEX-HW-ODR • INFINA

Linear Strip
AC Flexible Linear Strip

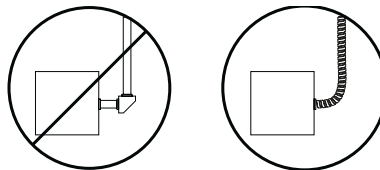


OUTDOOR HARDWIRE INSTALLATION INSTRUCTIONS

Please read and save these instructions. Read carefully before using product. Protect yourself and others by observing all safety information, warnings and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instruction sheet for future reference.

DO NOT CUT OR SHORTEN INFINA. DOING SO CAN CAUSE RISK OF ELECTRICAL SHOCK.

IMPORTANT SAFETY INSTRUCTIONS



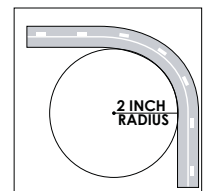
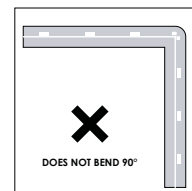
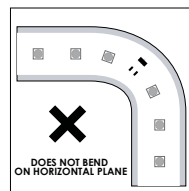
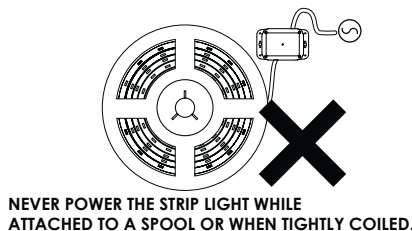
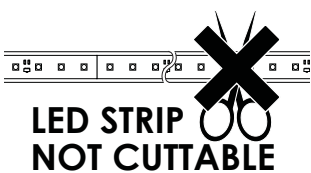
**FLEXIBLE CONDUIT ONLY
FOR INPUT CONNECTION**

Read completely before beginning. If you feel you do not have adequate electrical wiring experience, have this installed by a qualified licensed electrician.

All electrical connections must be in accordance with local codes, ordinances and the National Electric Code. This product operates on 120 VAC; always confirm the maximum wattage of the linear strip does not exceed the maximum wattage of the circuit it is connected to. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified licensed electrician.

- Do not cover this product as the covering may cause the flexible light to overheat and melt or ignite.
- Do not operate with the flexible light tightly coiled.
- Do not puncture, cut, shorten, or splice the flexible lighting.
- Do not route the cord or flexible lighting cable through walls, doors, windows or any like part of the building structure.
- Do not use if there is any damage to the light or cord insulation. Inspect periodically.
- Do not submerge flexible light in liquids, or use the product in the vicinity of standing water or other liquids.
- Secure this flexible light using only hangers or clips provided. Do not secure this product with staples, nails, or like means that may damage the insulation or permanently attach to the building structure.
- Do not subject flexible lighting to continuous flexing.
- Do not Exceed The Length in Feet Permitted By The Marking.

1. Read and follow all safety instructions.
2. Read completely before beginning. If you feel you do not have adequate electrical wiring experience, have this installed by a qualified licensed electrician.
3. All electrical connections must be in accordance with local codes, ordinances and the National Electric Code. This product operates on 120 VAC; always confirm the maximum wattage of the linear strip does not exceed the maximum wattage of the circuit it is connected to. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified licensed electrician.
4. Do not install the linear strip if any damage is seen on the product or power cables.
5. Prior to starting the installation, disconnect the power by turning off the circuit breaker or removing the appropriate fuse. (Turning off power using the light switch is not sufficient to prevent electrical shock).



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Instruction sheet subject to change without prior notice.

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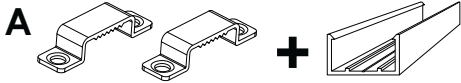


MOUNTING OPTIONS

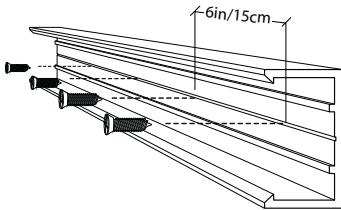


Per UL safety requirements, two DL-AC-FLEX-MC-HW mounting clips must be used in mounting at the beginning and the end of each section of DL-AC-FLEX in a run.

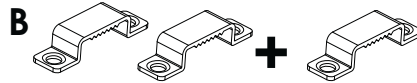
INCLUDED
DL-AC-FLEX-MC-HW
Required 2 per section



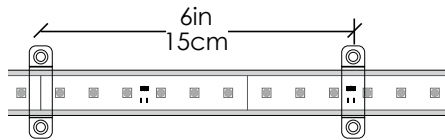
2x DL-AC-FLEX-MC-HW (Provided)
+
DL-AC-FLEX-CHX



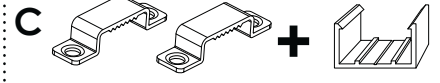
Secure channel on wall or other surfaces with self-tapping screws every 6 inches.
NOTE: 2 hardwire clips (provided) must be used to secure the beginning and the end of each section of DL-AC-FLEX.



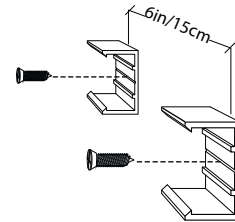
2x DL-AC-FLEX-MC-HW (Provided)
+
DL-AC-FLEX-MC-HW



Secure hardwire clips on DL-AC-FLEX with self-tapping screws. To prevent sagging on face-down application, we recommend to install hardwire clips 6" (15cm) apart.
NOTE: 2 hardwire clips (provided) must be used to secure the beginning and the end of each section of DL-AC-FLEX.

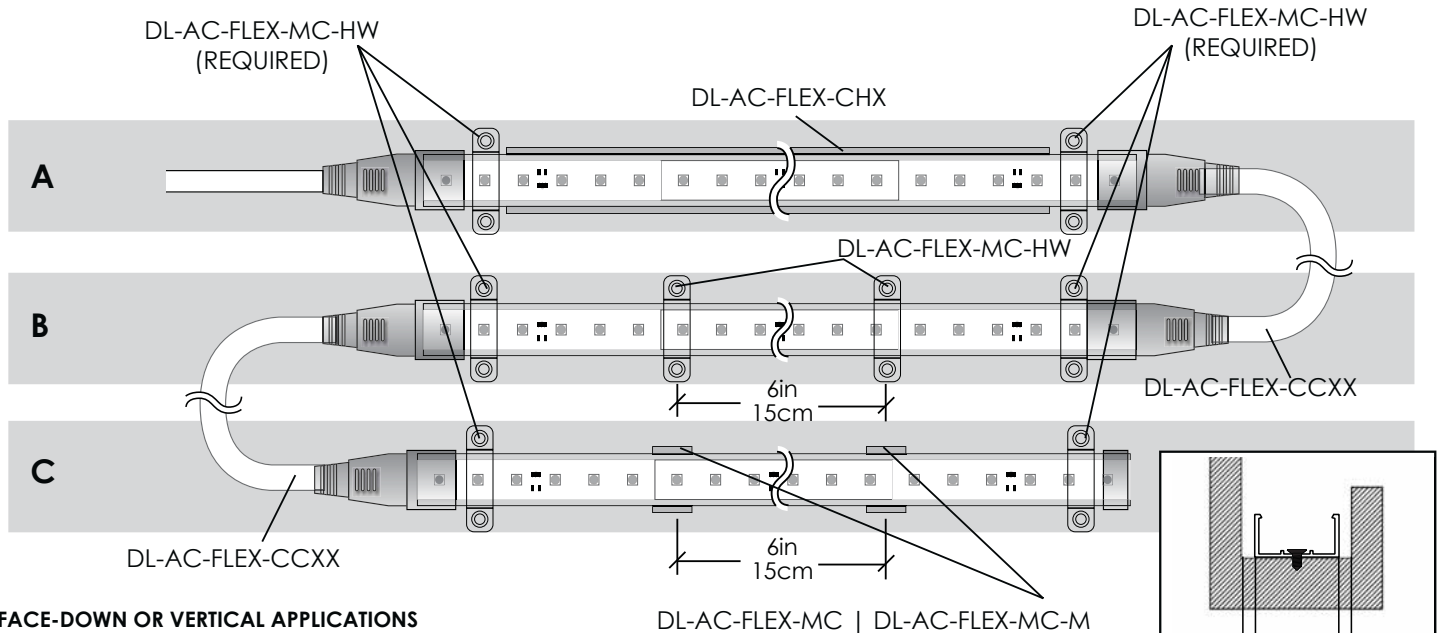


2x DL-AC-FLEX-MC-HW (Provided)
+
DL-AC-FLEX-MC | DL-AC-FLEX-MC-M



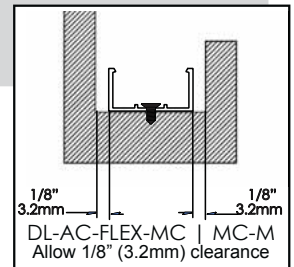
Secure mounting U clips on wall or other surfaces with self-tapping screws every 6 inches.
NOTE: 2 hardwire clips (provided) must be used to secure the beginning and the end of each section of DL-AC-FLEX.

Illustration is a representation of three sections of DL-AC-FLEX in one run using methods A, B & C (not to scale, not for installation)



FACE-DOWN OR VERTICAL APPLICATIONS
Mounting option (A) with channel is recommended.

FACE-UP OR HORIZONTAL APPLICATIONS
Mounting option (A)(B)&(C) are all appropriate.



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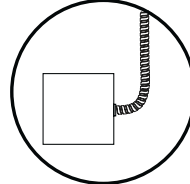
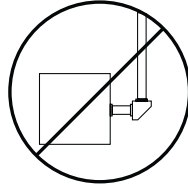
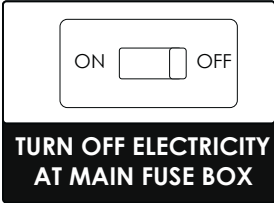
INSTALLING DL-AC-FLEX-HW-ODR



TURN OFF ELECTRICITY

at main fuse box (or circuit breaker box) before beginning installation by switching circuit breaker off or removing fuse.

MIN 90° C SUPPLY CONDUCTORS.

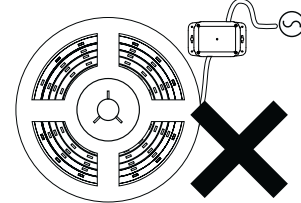


FLEXIBLE CONDUIT ONLY FOR INPUT CONNECTION



CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT

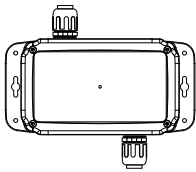
NOTE: ALL CONNECTIONS MUST BE PROPERLY SECURED AND SEALED FOR OUTDOOR INSTALLATIONS.



NEVER POWER THE STRIP LIGHT WHILE ATTACHED TO A SPOOL OR WHEN TIGHTLY COILED.

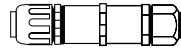
REQUIRED PARTS FOR INSTALLATION

DL-AC-FLEX-HW-ODR (Included)



NEMA 4X RATED ENCLOSURE WITH SURGE PROTECTOR AND INPUT CONNECTION TO 1/2"Ø NON-METALLIC FLEXIBLE CONDUIT & OUTPUT CONNECTION TO 1/2"Ø NON-METALLIC RIGID CONDUIT

DL-AC-FLEX-HW-ODR-CONN (Included)



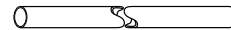
COUPLER 1/2" LIQUID-TIGHT RIGID CONDUIT CONNECTOR TO 1/2" LIQUID-TIGHT CORD GRIP CONNECTOR

LIQUID-TIGHT NONMETALLIC FLEXIBLE CODUIT (Not Included)



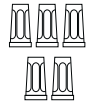
REQUIRED FOR INPUT CONNECTION 1/2" NON-METALLIC LIQUID-TIGHT FLEXIBLE CONDUIT MUST BE UL, ETL OR CSA APPROVED

LIQUID-TIGHT NONMETALLIC RIGID CODUIT (Not Included)



OUTPUT CONNECTION ONLY 1/2" NON-METALLIC RIGID CONDUIT MUST BE UL, ETL OR CSA APPROVED

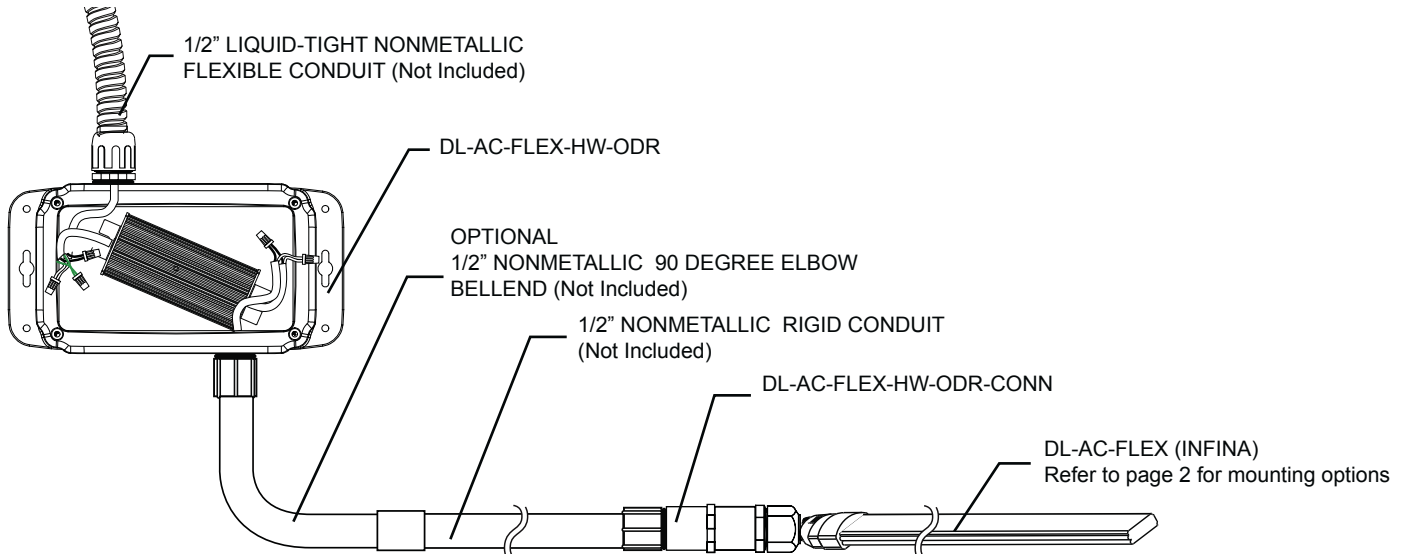
WIRE NUTS (Not Included)



PVC SEALANT (Not Included)



TYPICAL INSTALLATION



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INSTALLING DL-AC-FLEX-HW-ODR



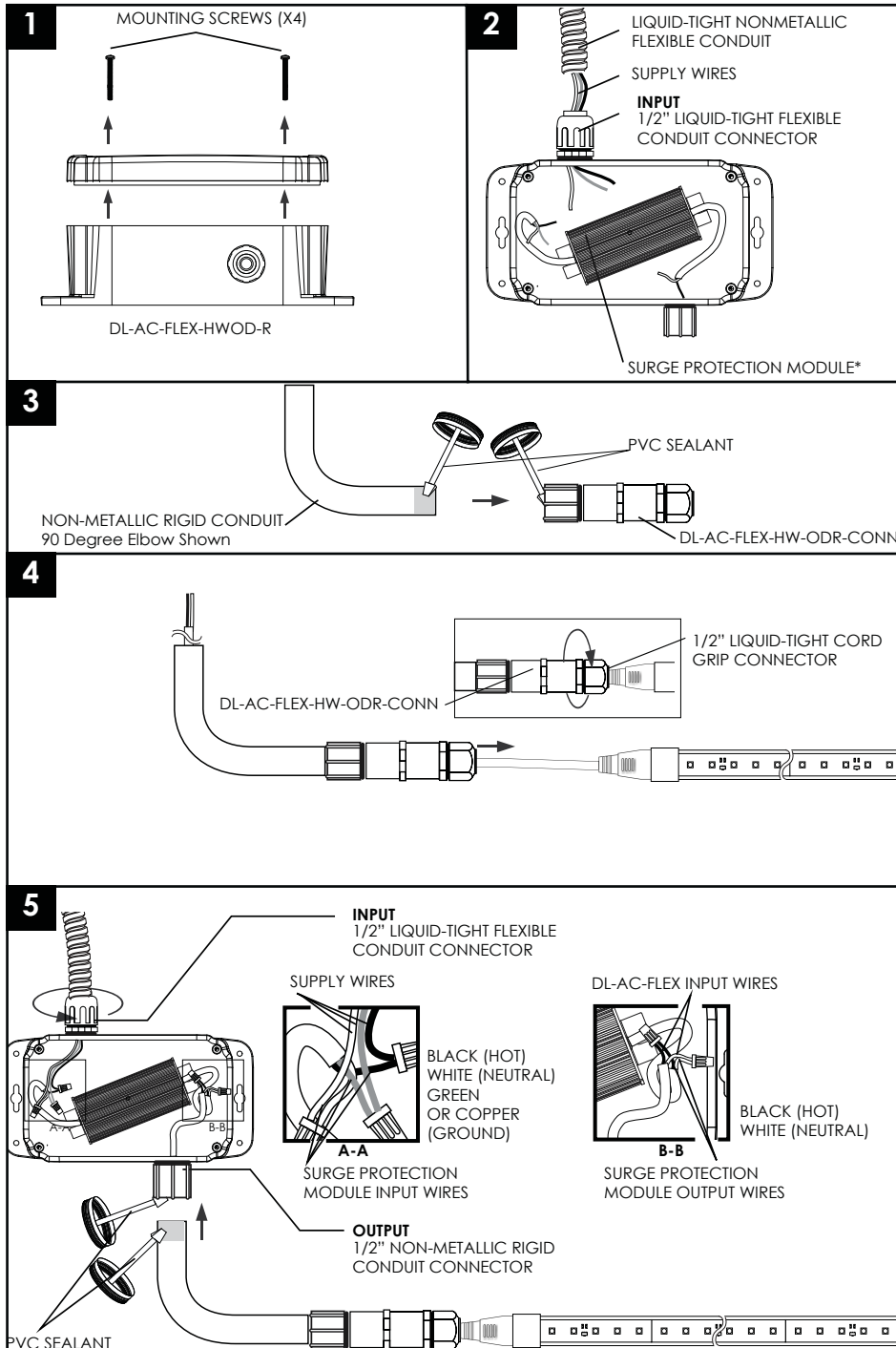
TURN OFF ELECTRICITY

at main fuse box (or circuit breaker box) before beginning installation by switching circuit breaker off or removing fuse.

MIN 90° C SUPPLY CONDUCTORS.



CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT



***DO NOT REMOVE SURGE PROTECTION MODULE**
Doing so is in direct violation to UL requirements and will void the warranty of the product.

1 Unscrew and remove mounting screws and remove lid from DL-AC-FLEX-HW-ODR, save for later use.

2 Feed supply wires and liquid-tight non metallic flexible conduit to INPUT 1/2" liquid-tight flexible conduit connector (pre-measure and cut flexible conduit to desired length).

3 Apply PVC sealant to non-metallic rigid conduit and to the inside of non-metallic rigid conduit connector, insert non-metallic conduit into non-metallic rigid conduit connector.

4 Insert non-metallic rigid conduit into DL-AC-FLEX-HW-ODR-CONN. Secure DL-AC-FLEX-HW-ODR-CONN onto DL-AC-FLEX by tightening the 1/2" liquid-tight cord grip connector.

5 A-A

1. Connect hot supply wire (black) to surge protection module's hot input wire (black).
2. Connect neutral supply wire to (white) surge protection module's neutral input wire (white).
3. Connect supply ground wire (green or bare copper) to surge protection module's ground input wire (green).
Secure all connections with wire nuts (not included).

5 B-B

1. Connect surge protection module's hot output wire (black) to DL-AC-FLEX's hot input wire (black).
2. Connect surge protection module's neutral output wire (white) to DL-AC-FLEX's neutral input wire (white).

5 Apply PVC sealant inside of OUTPUT 1/2" non-metallic rigid conduit connector and on to non-metallic rigid conduit. Insert non-metallic rigid conduit into 1/2" non-metallic rigid conduit connector. Carefully tuck all connected wires inside DL-AC-FLEX-HW-ODR. Secure lid to DL-AC-FLEX-HW-ODR with 4 mounting screws, making sure to not pinch any wires or wire nuts.

NOTE: ALL CONNECTIONS MUST BE PROPERLY SEURED AND SEALED FOR OUTDOOR INSTALLATIONS.



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