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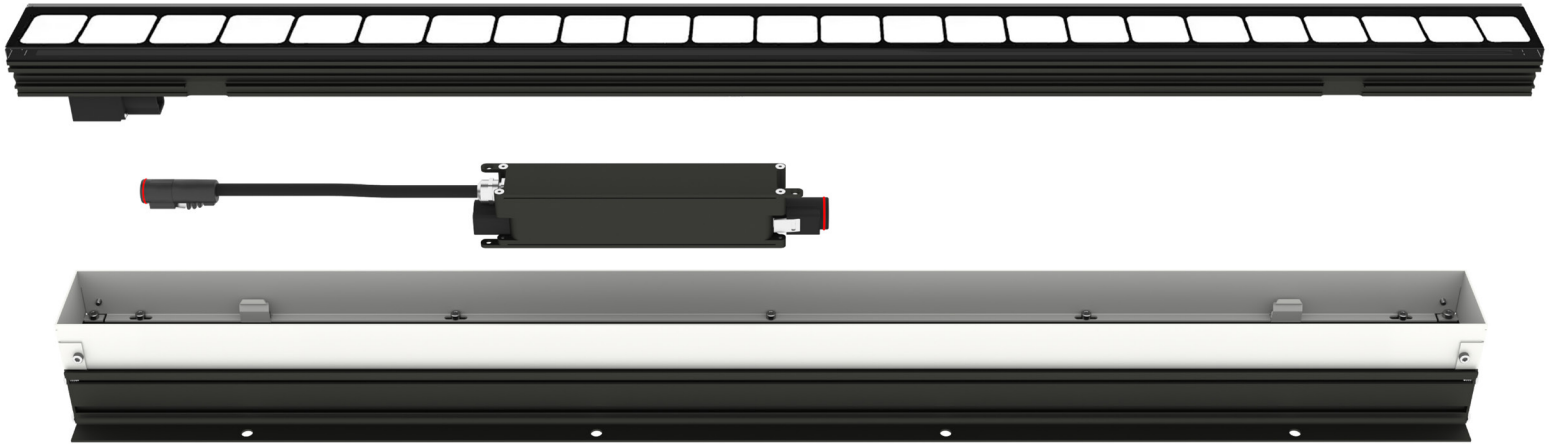

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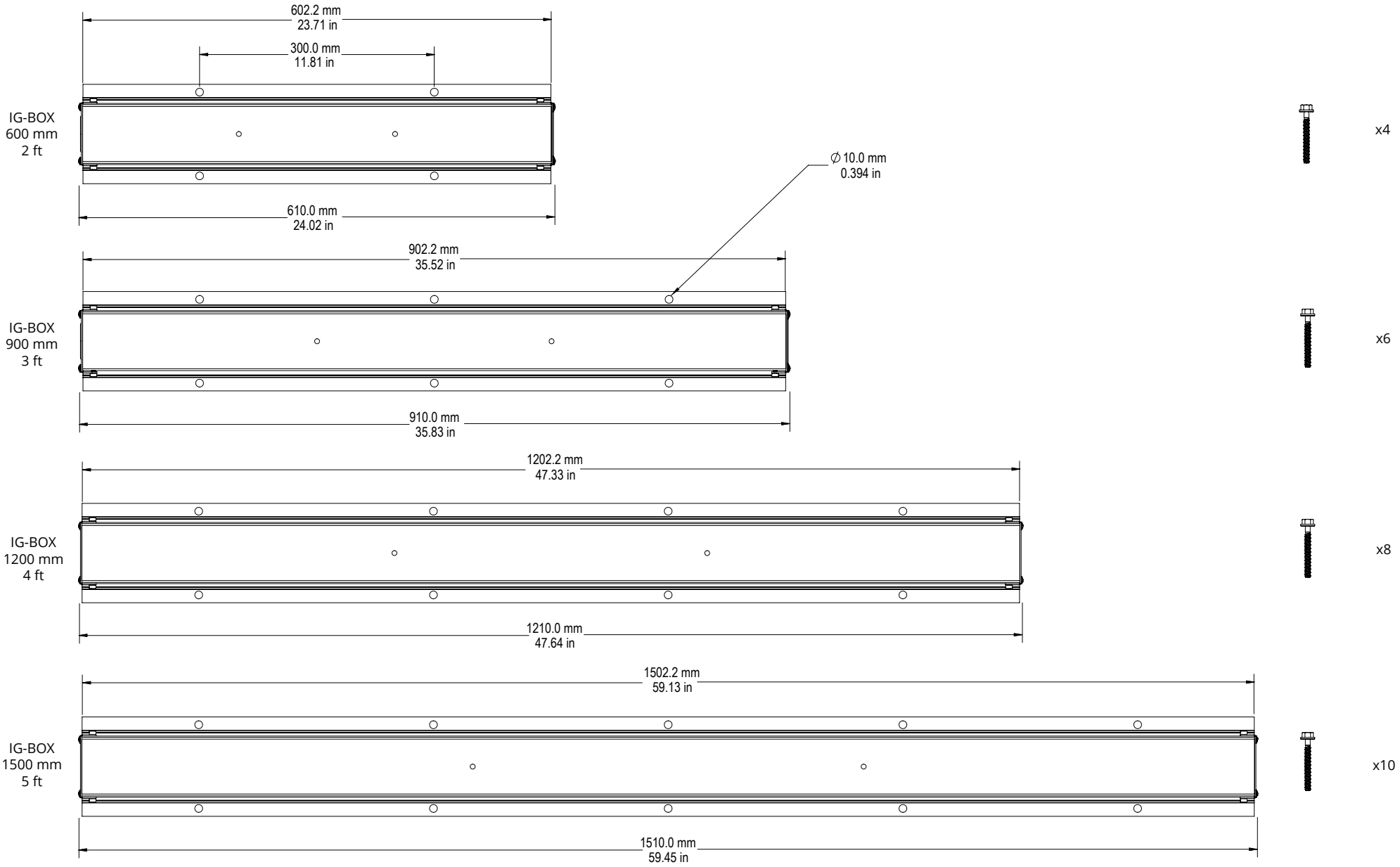
GVA LIGHTING

IG BOX DETAILS



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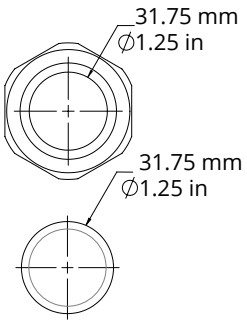
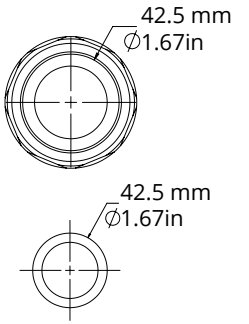
GVA LIGHTING

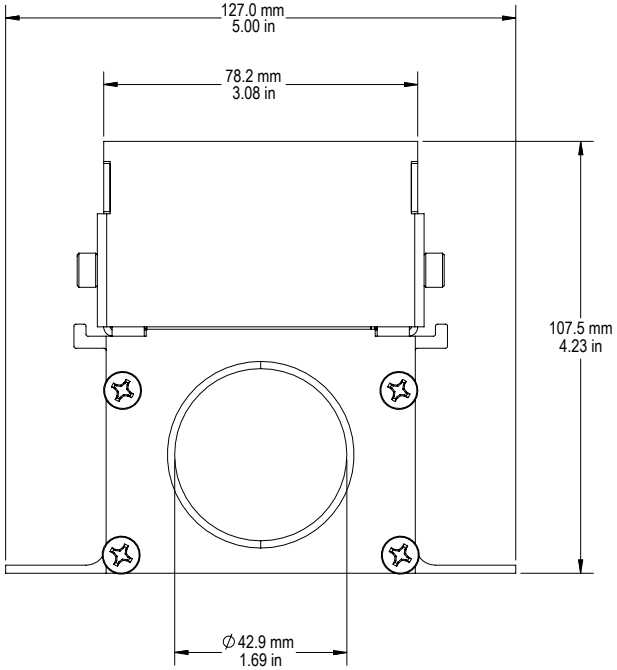
IG BOX DETAILS

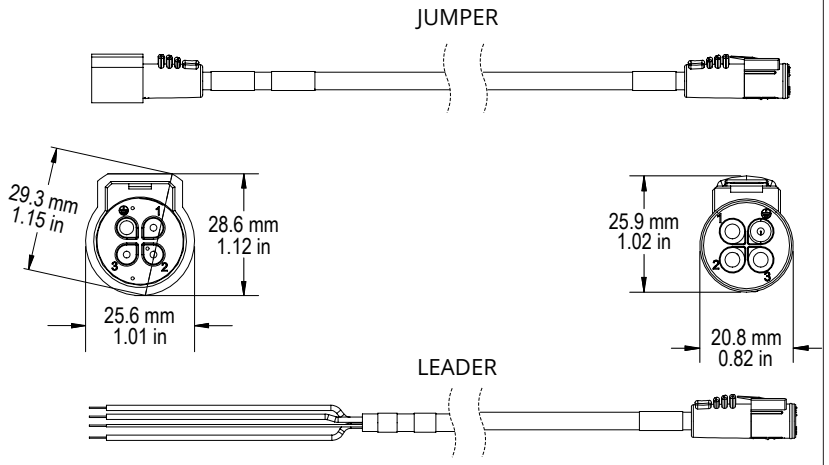
IMPERIAL CONDUIT COUPLER



METRIC CONDUIT COUPLER







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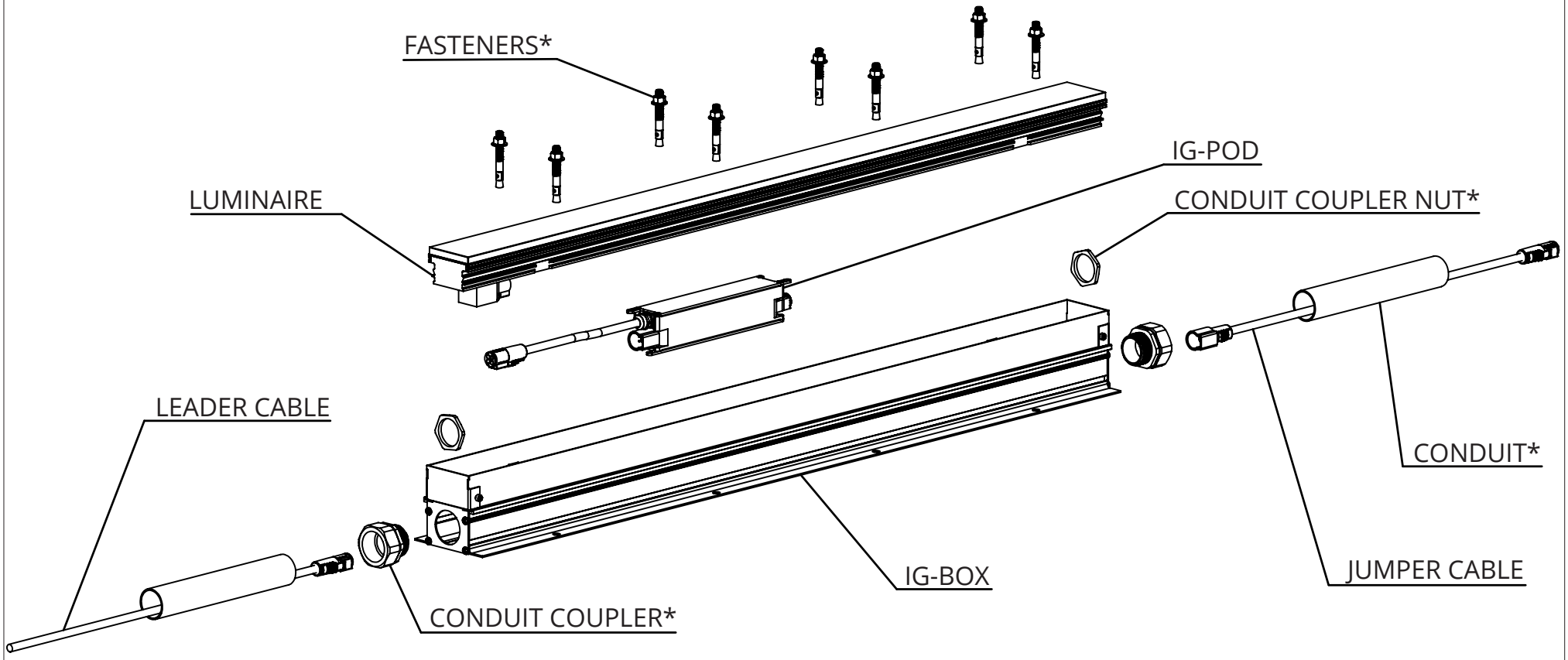
SYSTEM EXPLODED VIEW



*Provided by others.

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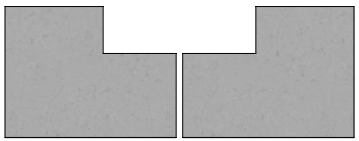
INSTALLATION INSTRUCTIONS

HARD MATERIAL INSTALLATION
(CONCRETE)

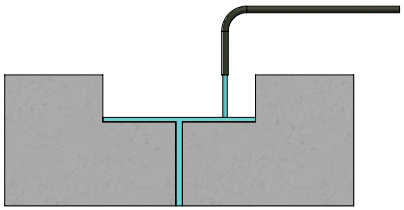
SOFT MATERIAL INSTALLATION
(SOIL)

1

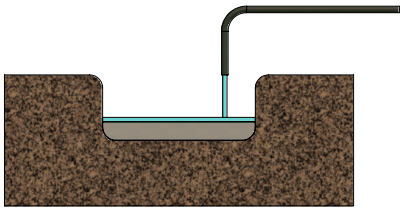


CREATE CHANNEL.
INCLUDE DRAINAGE MATERIAL
OR DRAINAGE PATH.

2



ADEQUATE DRAINAGE
REQUIRED. REFER TO
DRAINAGE REQUIRMENTS.



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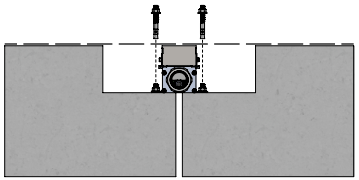
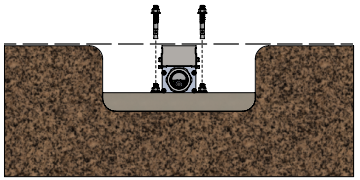


SECURE IG-BOX FLUSH
RELATIVE TO SURFACE



DRAINAGE REQUIREMENTS

IG-BOX LENGTH	IG-BOX INTERNAL VOLUME	MINIMUM DRAINAGE RATE
600 mm 2’	3869 cm^3 236 in^3	0.13 l/min 7.9 in^3/min
900 mm 3’	5803 cm^3 354 in^3	0.19 l/min 11.6 in^3/min
1200 mm 4’	7738 cm^3 472 in^3	0.26 l/min 15.9 in^3/min
1500 mm 5’	9672 cm^3 590 in^3	0.32 l/min 19.5 in^3/min

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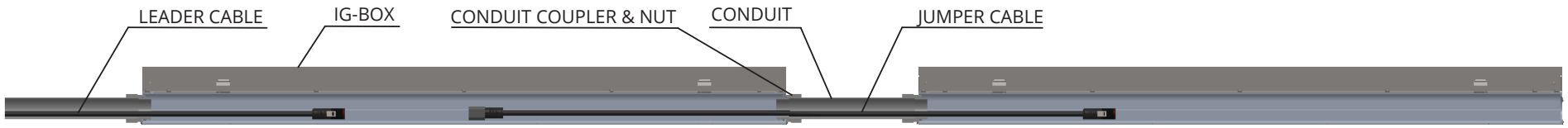
GVA LIGHTING

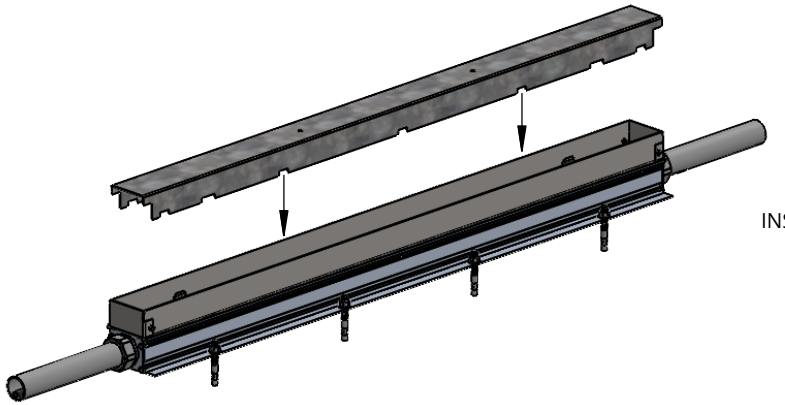
INSTALLATION INSTRUCTIONS

4

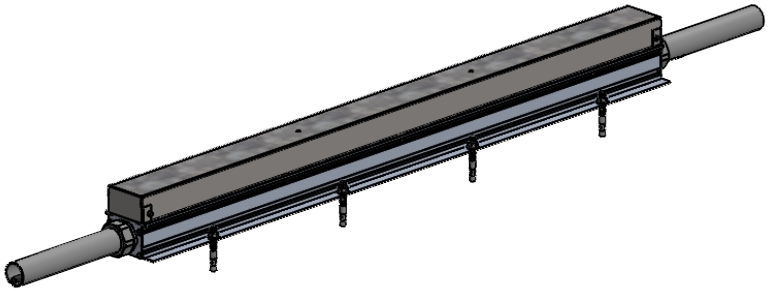


PLACE LEADER CABLE, JUMPER CABLE, AND CONDUIT PARTS

5



INSERT LID INTO IG-BOX



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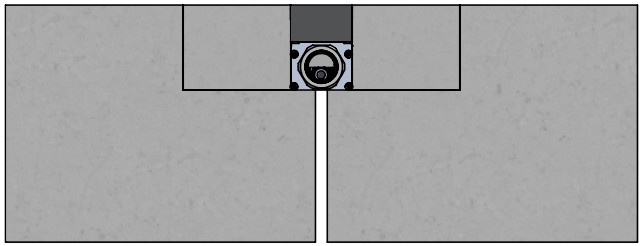
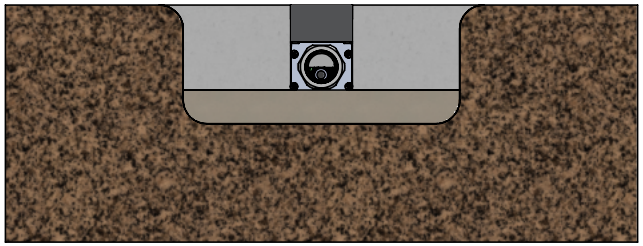


POUR MATERIAL SUCH THAT IT IS
FLUSH WITH THE TOP OF THE IG-BOX



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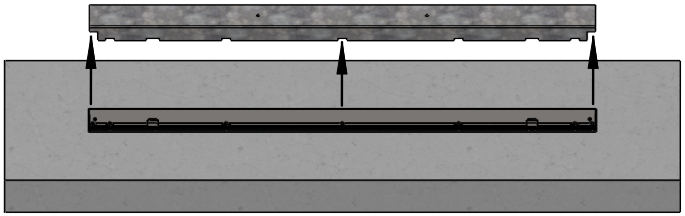
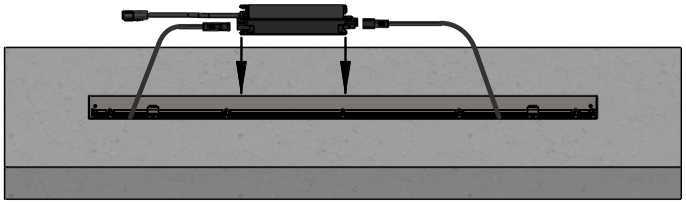
INSTALLATION INSTRUCTIONS

7

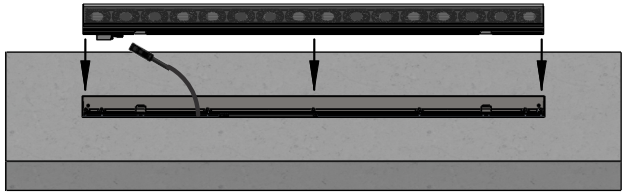


REMOVE LID ONCE MATERIAL CURED.

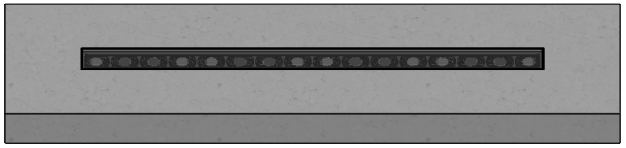


CONNECT LEADER AND JUMPER CABLES TO IG-POD AND INSERT INTO IG-BOX. LISTEN FOR AUDIBLE CLICK WHEN MAKING CONNECTIONS. ADD PROTECTIVE CAP AT END OF RUN.

8

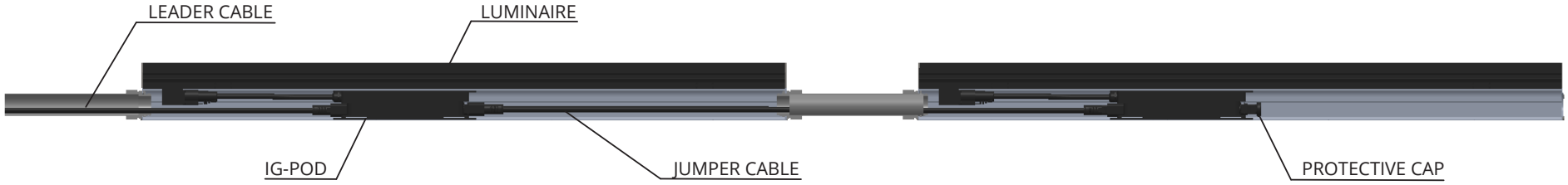


CONNECT IG-POD CABLE TO LUMINAIRE. LISTEN FOR AUDIBLE CLICK WHEN MAKING CONNECTION. INSERT LUMINAIRE INTO IG-BOX.

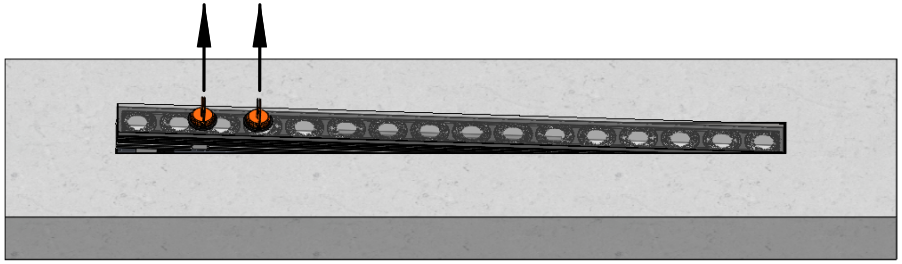


ENSURE LUMINAIRE IS FULLY SEATED. GLASS IS FLUSH WITH TOP EDGES OF IG-BOX.

9



10



TO REMOVE LUMINAIRE, ATTACH SUCTION CUP KIT AT ONE END AND PULL UP. REPEAT FOR OTHER SIDE.

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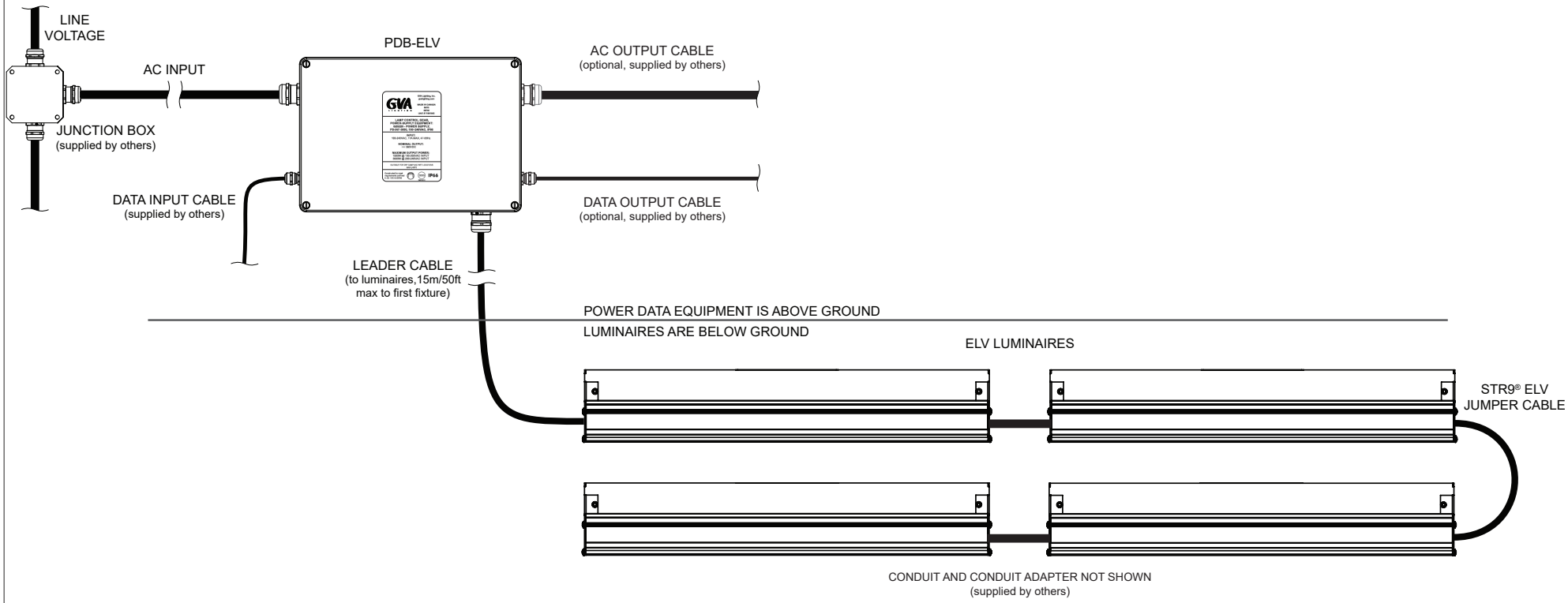
TYPICAL SYSTEM DIAGRAM: ELV WITH CONTROL



*For applications that do not require control, replace PDB with PS ELV.

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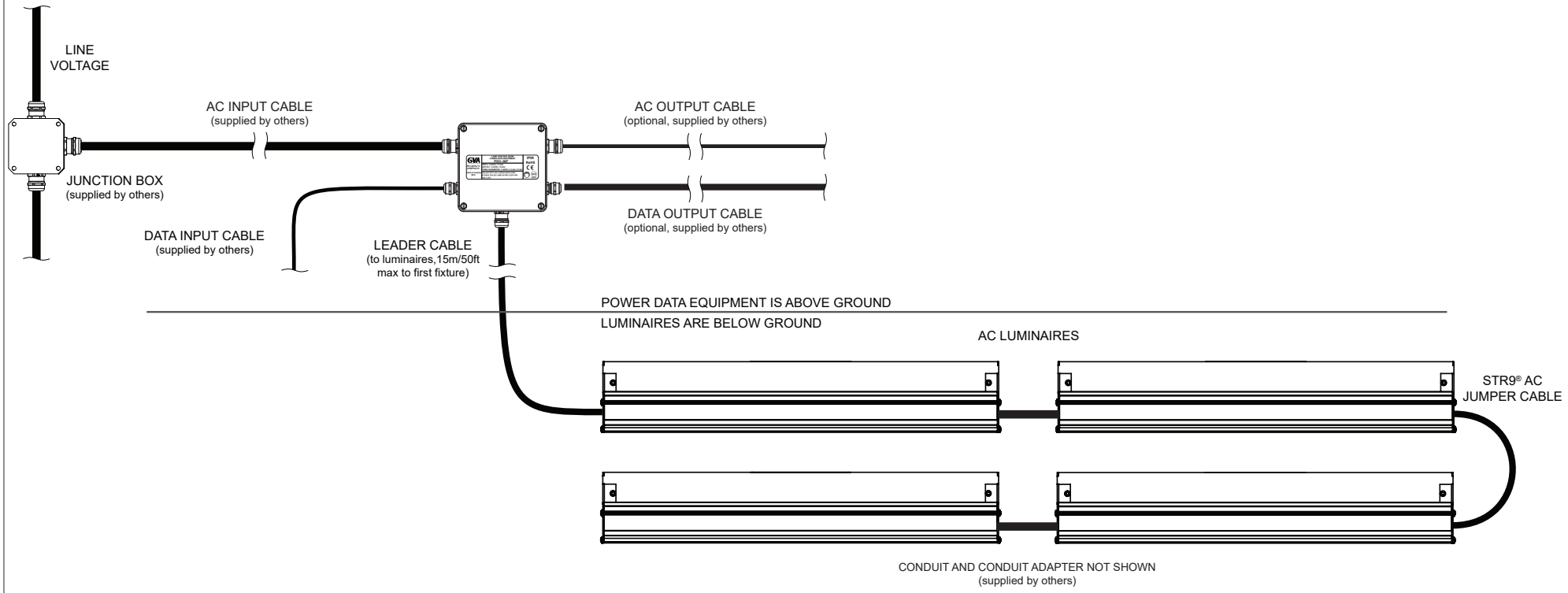
TYPICAL SYSTEM DIAGRAM: AC WITH CONTROL



*For applications that do not require control, do not include PDC.