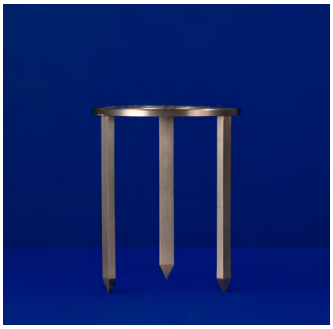
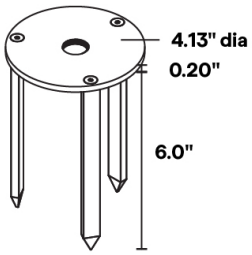
Q-MT-6

Direct Burial Mount





1 PRODUCT	2 MATERIAL	3 FINISH
Q-MT-6	SS	P

Sample Part Number: **Q-MT-6-SS-P**

1 PRODUCT	2 MATERIAL	3 FINISH
Q-MT-6	**SS** Stainless Steel 316L	**P** Polished

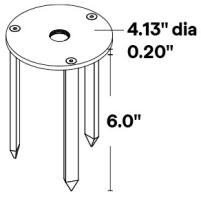
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

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Q-MT-6

Direct Burial Mount

1 PRODUCT - DIMENSIONS



Q-MT-6

3 FINISH

STAINLESS STEEL
POLISHED FINISHES



Polished Stainless Steel

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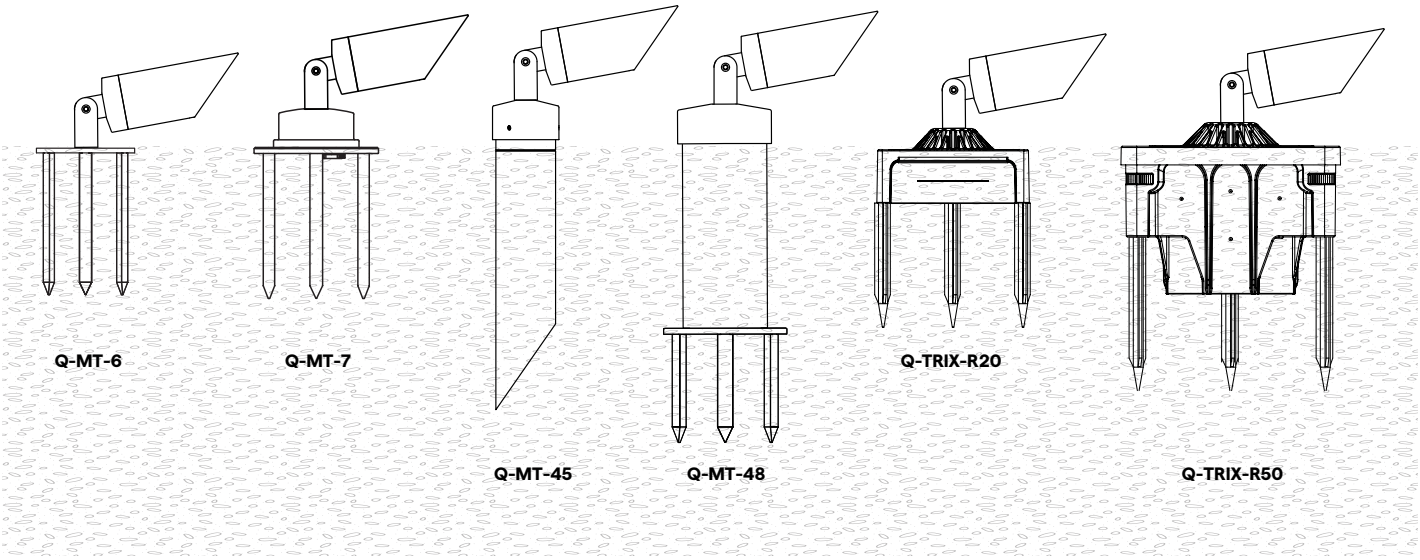
DIRECT BURIAL

Landscape Lighting Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

- Product must be installed by a licensed electrician. Field modifications void the warranty.
- Warranty is valid only with QTL power supplies.
- Diagrams are for representation only and are not to scale.
- DO NOT cover the luminaire with soil or mulch.
- Squeeze silicone into the NPT threads on Q-TRIX units before mounting the fixture.
- Burial cable must be rated for direct burial and buried a minimum of 6" deep.
- J-BOX, connectors, and wire are supplied by the installer.
- Use a liquid-tight connector for 120V wire entry to the Q-MT-48.
- Voya 3.5 fixture shipped installed on the mounts - Q-MT-48, Q-MT-49 or Q-MT-50. Follow instructions for how to splice wires

METHODS OF INSTALLATION



- LUMINAIRE & MOUNT COMPATIBILITY (PAGE 2)
- COMPONENTS & HARDWARE (PAGE 3)
- SURFACE PREP (PAGE 4)
- DIRECT BURIAL - NO DRIVER (ND) (PAGE 5-9)
- DIRECT BURIAL - WITH DRIVER (WD) (PAGE 10-11)
- DIRECT BURIAL - DRIVER WITH DIMMER (PAGE 12-13)
- DIRECT BURIAL - Q-TRIX (PAGE 14-15)

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LUMINAIRE & MOUNT COMPATIBILITY

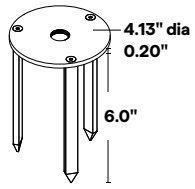
	Q-MT-6	Q-MT-7	Q-MT-45	Q-MT-48 (ND)	Q-MT-48 (WD)	Q-TRIX-R20 (ND)	Q-TRIX-R50 (WD)
VOYA-EM-1.75-MR11-12VAC	✓	✓	✓			✓	✓
VOYA-EM/SM-2.5	✓	✓	✓			✓	✓
VOYA-EM/SM-3.0-PAR20/GU10				✓			
VOYA-EM/SM-3.5-COB-120VAC					✓		
Excelsior UL-1	✓	✓					
Excelsior UL-1L	✓	✓					
Excelsior UL-2	✓	✓					
Excelsior UL-2L	✓	✓					
Excelsior UL-4	✓	✓					
Excelsior UL-4L	✓	✓					
Excelsior UL-5	✓	✓					
Excelsior UL-5L	✓	✓					
Excelsior UL-6	✓	✓					
Excelsior UL-6L	✓	✓					
Excelsior UL-7	✓	✓					
Excelsior UL-7L	✓	✓					
Excelsior PL-1	✓	✓	✓				
Excelsior PL-2	✓	✓	✓				
Excelsior PL-3	✓	✓	✓				
Excelsior PL-4	✓	✓	✓				
Excelsior PL-10	✓	✓	✓				
Excelsior PL-11	✓	✓	✓				
Excelsior PL-15	✓	✓	✓				
Excelsior PL-23	✓	✓	✓				
Excelsior PL-7	✓	✓	✓				
Excelsior PL-7L	✓	✓	✓				
Excelsior PL-27	✓	✓	✓				
Excelsior PL-28	✓	✓	✓				
Excelsior PL-5	✓	✓	✓				
Excelsior PL-6	✓	✓	✓				

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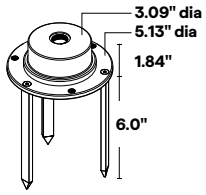
DIRECT BURIAL

Landscape Lighting Installation Instructions

Q-MT-6

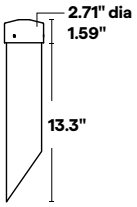


Q-MT-7

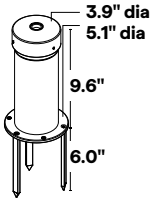


With Water Protection

Q-MT-45

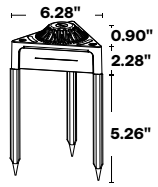


Q-MT-48



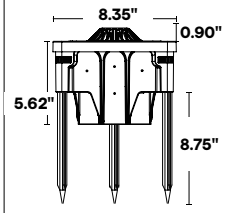
With Water Protection
ND (No Driver) | WD (With Driver)

Q-TRIX-R20



With Water Protection
ND (No Driver)

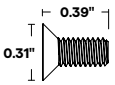
Q-TRIX-R50



With Water Protection
WD (With Driver)

COMPONENTS & HARDWARE

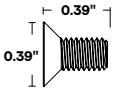
PROVIDED HARDWARE



#PN	QTY
Q-MT-7	3

M4x10mm

FLAT HEAD HEX SCREW



#PN	QTY
Q-MT-6	3
Q-MT-7	3

M5x12mm

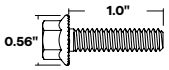
PHILLIPS FLAT HEAD SCREW



#PN	QTY
Q-MT-45	3

M5x6mm

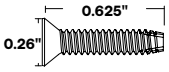
SET SCREW



TYPE	QTY
SCREWS For Q-TRIX-R50	3

1/4"-20x1"

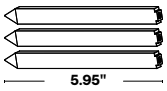
SERRATED-FLANGE HEX HEAD SCREWS



TYPE	QTY
SCREWS For Q-TRIX-R20	3

6-32x5/8"

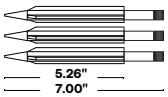
PHILLIPS FLAT HEAD THREAD SCREW



#PN	QTY
Q-MT-6	3
Q-MT-7	3
Q-MT-48	3

Stake: Use M5×12mm Phillips FH screws

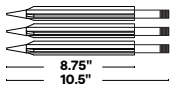
PLANTING STAKE



TYPE	QTY
STAKE	3

Stake for Q-TRIX-R20

PLANTING STAKE



TYPE	QTY
STAKE	3

Stake for Q-TRIX-R50

PLANTING STAKE

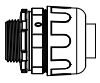
RECOMMENDED HARDWARE



#PN	QTY
Q-MT-6	1

1/2-14 NPS HEX NUT

HEX NUT / JAM NUT

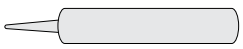


#PN	QTY
Q-MT-7	1
Q-MT-48	1

1/2" Liquid-Tight Connector
(By Others)

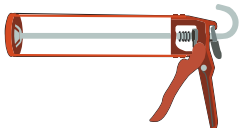
CONDUIT CONNECTOR

SUGGESTED TOOLS/MATERIALS



Waterproof Silicone

ALL PURPOSE SILICONE

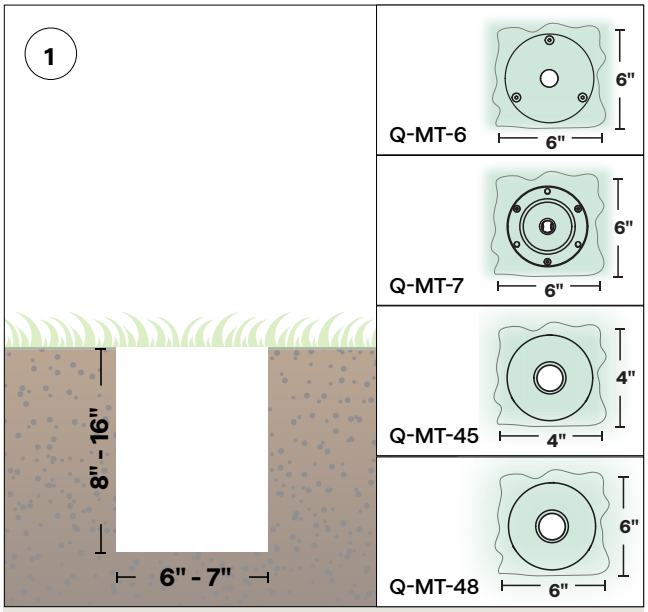


CAULKING GUN

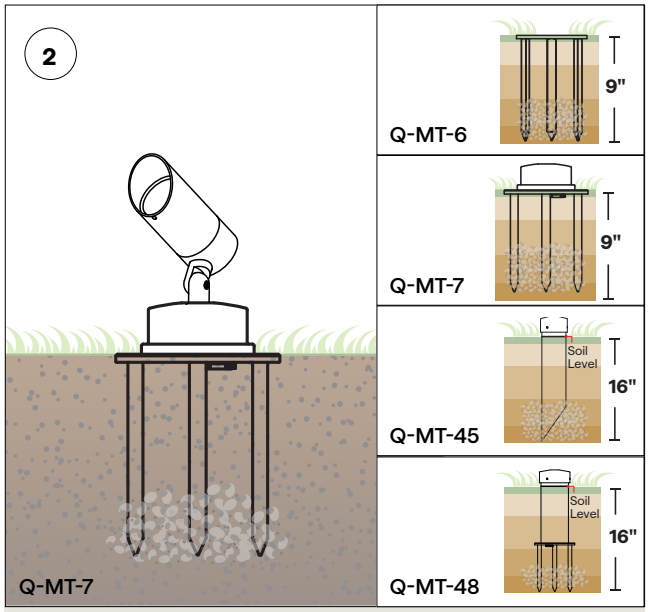
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SURFACE PREP

EXCAVATE (DIG HOLE): Q-MT-6, Q-MT-7, Q-MT-45, Q-MT-48

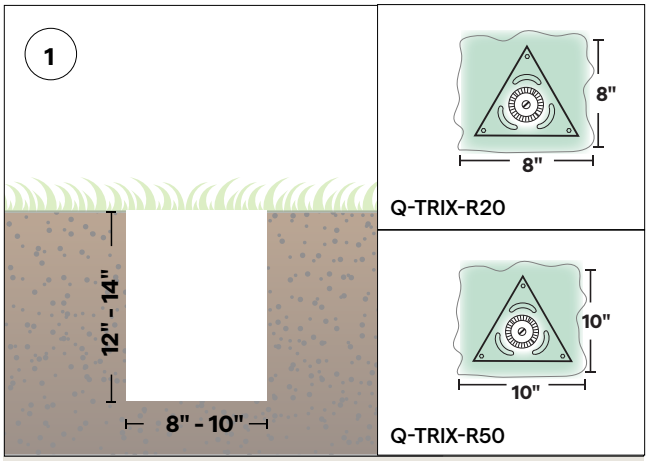


- Dig the hole to match the size of the housing for the product, as shown above for the hole length and width.

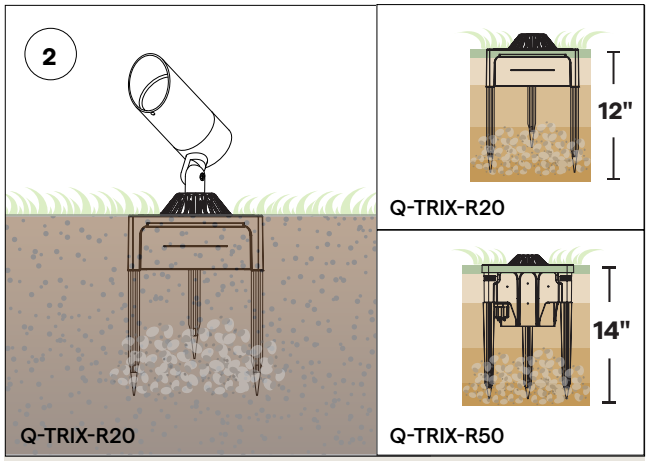


- Dig the hole to match the size of the housing for the product, as shown above for the hole depth.

EXCAVATE (DIG HOLE): Q-TRIX-R20, Q-TRIX-R50



- Dig the hole to match the size of the housing for the product, as shown above for the hole length and width.



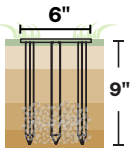
- Dig the hole to match the size of the housing for the product, as shown above for the hole depth.

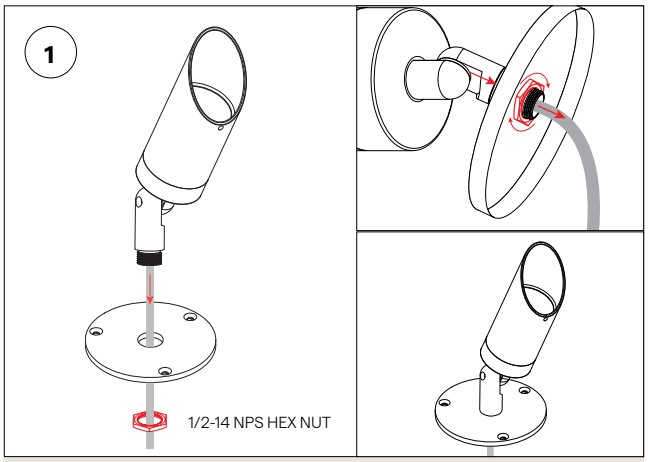
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DIRECT BURIAL

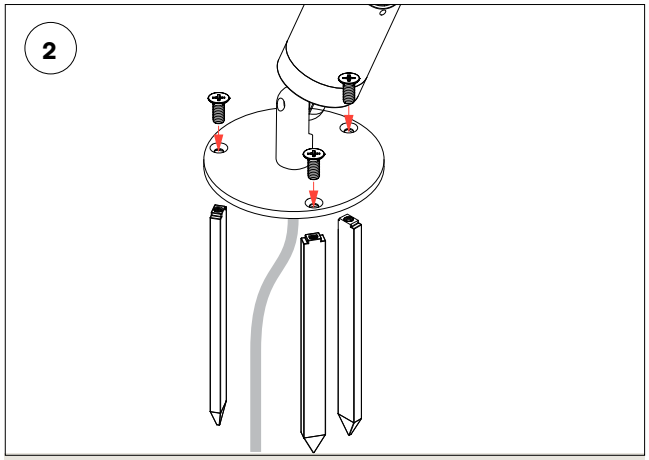
Landscape Lighting Installation Instructions

MOUNTING METHOD: **DIRECT BURIAL - NO DRIVER (ND)**
Q-MT-6

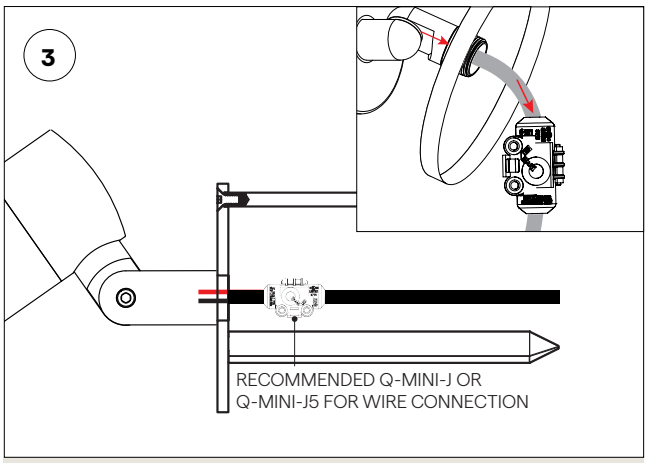




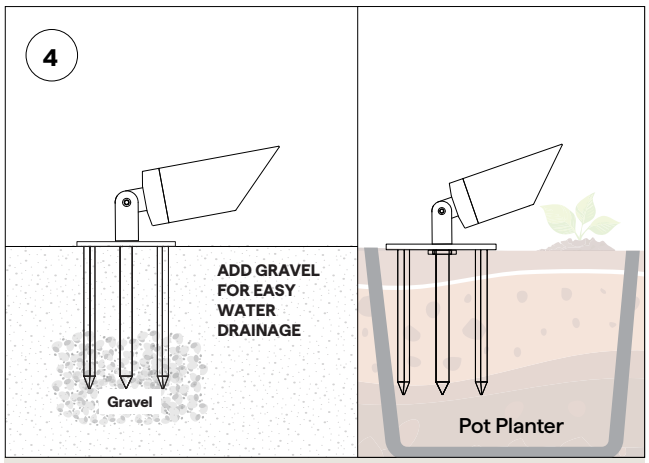
- Feed the fixture lead wire down through the plate, then screw fixture down with HEX NUT until fully seated.



- Attach the three (3) planting stakes to the underside of the mount using the supplied screws.



- Use liquid-tight wire nuts or QTL Q-Mini-J and follow the wiring diagram in the luminaire installations.
- Follow the wiring diagram in the luminaire instructions.



- Add gravel for easy drainage then backfill hole with soil as shown.

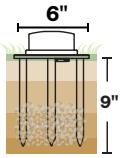
DO NOT COVER THE LUMINAIRE.

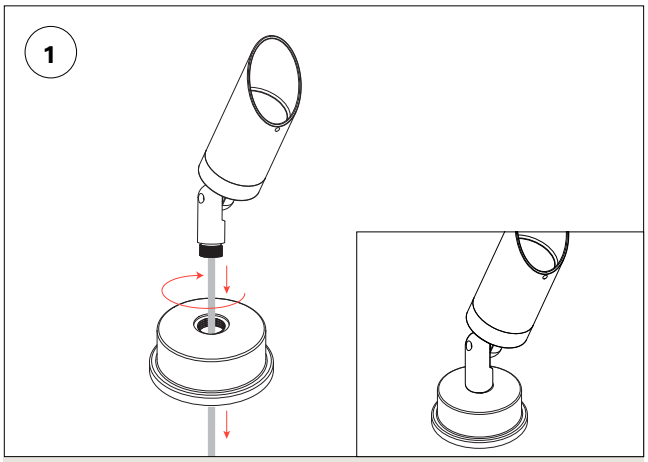
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DIRECT BURIAL

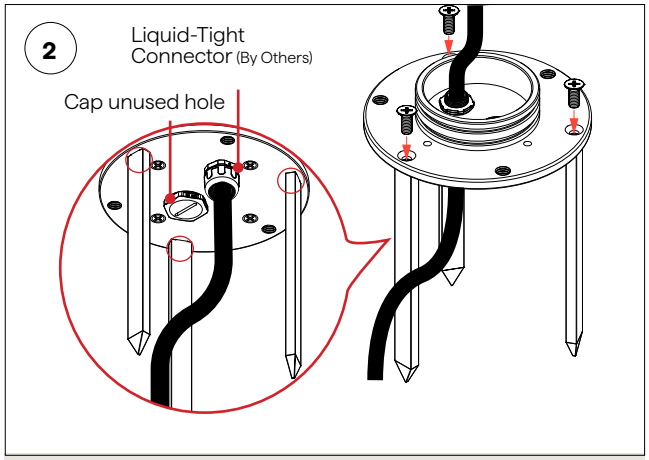
Landscape Lighting Installation Instructions

MOUNTING METHOD: **DIRECT BURIAL - NO DRIVER (ND)**
Q-MT-7

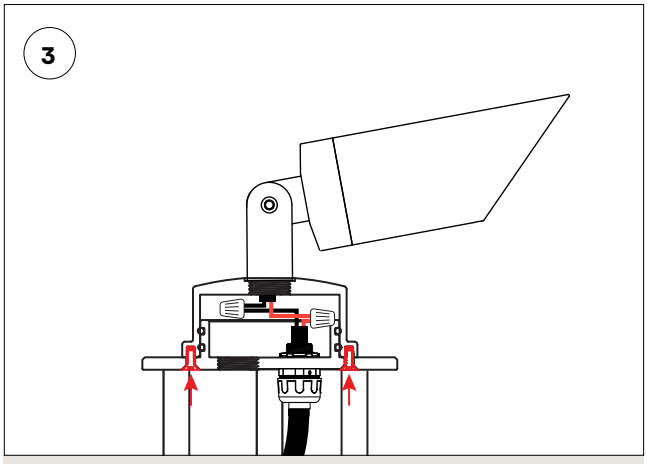




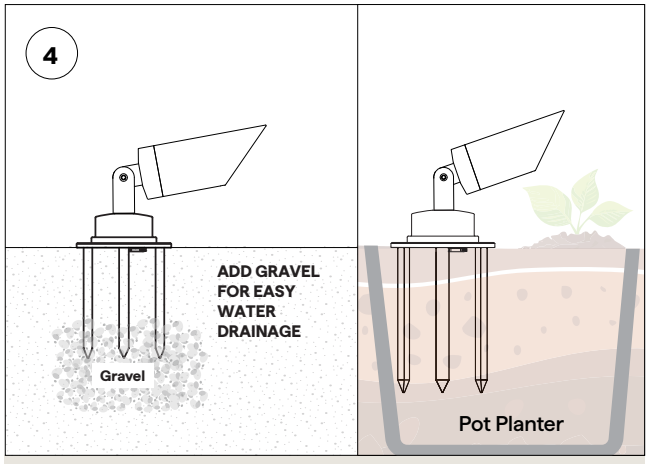
- Feed the fixture lead wire down through the canopy, then thread the fixture stem into the canopy opening and rotate until fully seated.



- Route the wire into 1/2" liquid-tight connector.
- Attach the three (3) planting stakes to the underside of the mount using the supplied screws.



- Follow the wiring diagram in the luminaire instructions. Install canopy screws from under plate to complete the installation.



- Add gravel for easy drainage then backfill hole with soil as shown.

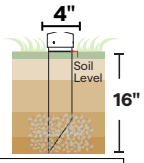
DO NOT COVER THE LUMINAIRE.

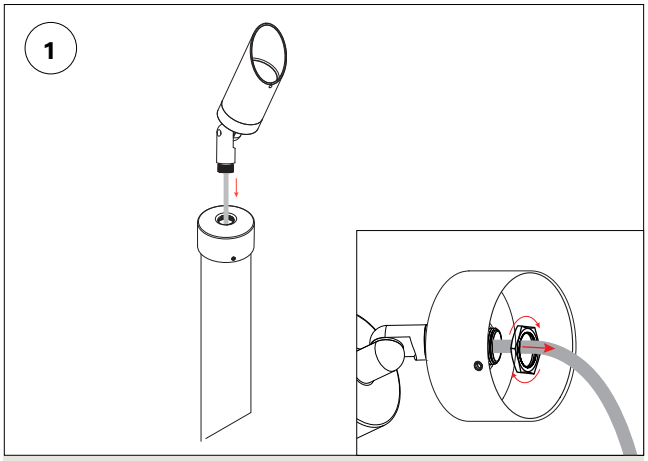
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DIRECT BURIAL

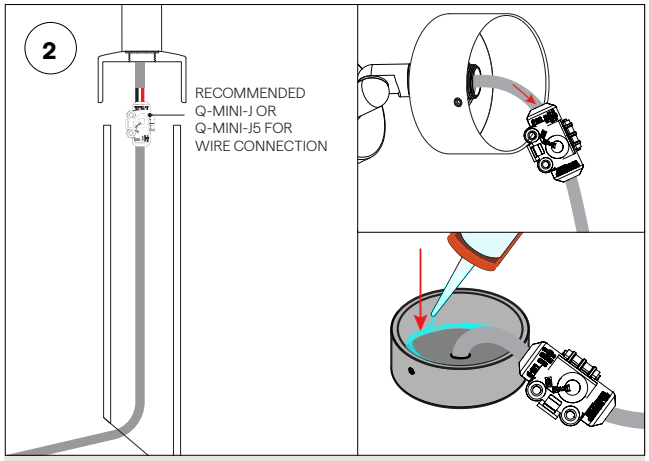
Landscape Lighting Installation Instructions

MOUNTING METHOD: **DIRECT BURIAL - NO DRIVER (ND)**
Q-MT-45

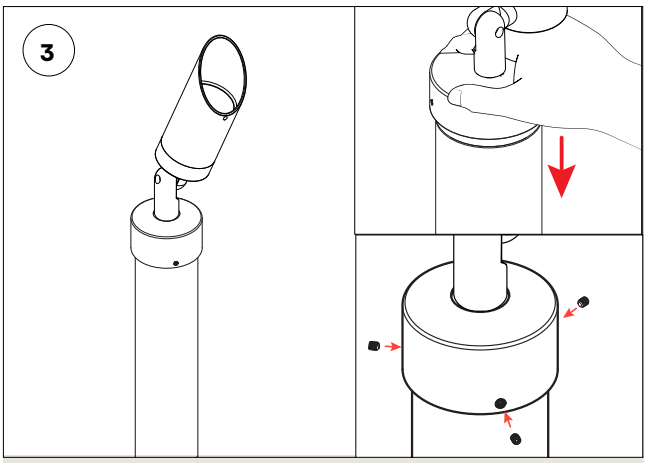




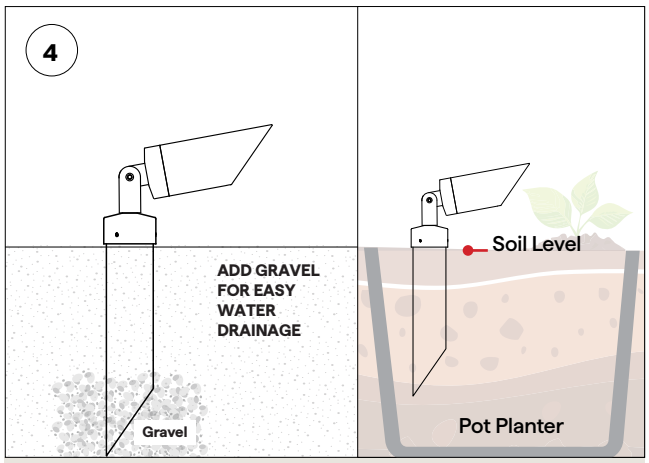
- Feed the fixture lead wire down through the canopy, then thread the fixture stem into the canopy opening and rotate until fully seated.



- Pull supply wire out of the PVC tube and splice the fixture wires.
- Use liquid-tight wire nuts or QTL Q-Mini-J and follow the wiring diagram in the luminaire installations.
- After wiring apply a 3/8-inch bead of silicone to the inner corner of the Q-MT-45 cap. Use a finger or tool to spread the bead evenly, ensuring all corners are fully covered.



- Place canopy over tube and Press the cap firmly until it is fully seated over the Q-MT-48 tube.
- Insert the three (3) side set screws and tighten until firm. Allow the silicone to set for 2 hours before testing or powering the device.
- Connection complete ready for burial.



- Add gravel for easy drainage then backfill hole with soil as shown.

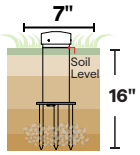
DO NOT COVER THE LUMINAIRE.

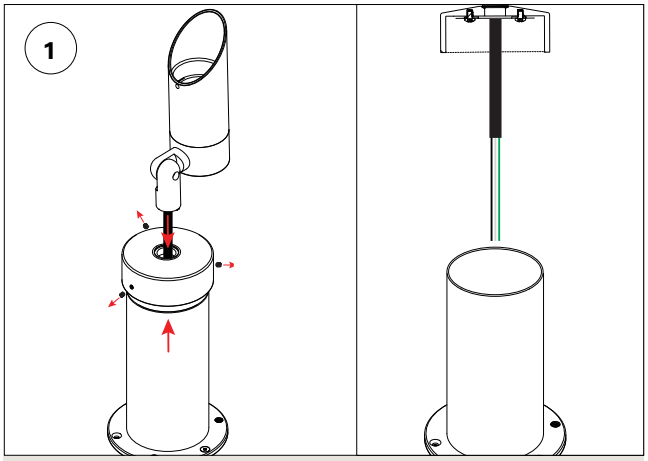
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DIRECT BURIAL

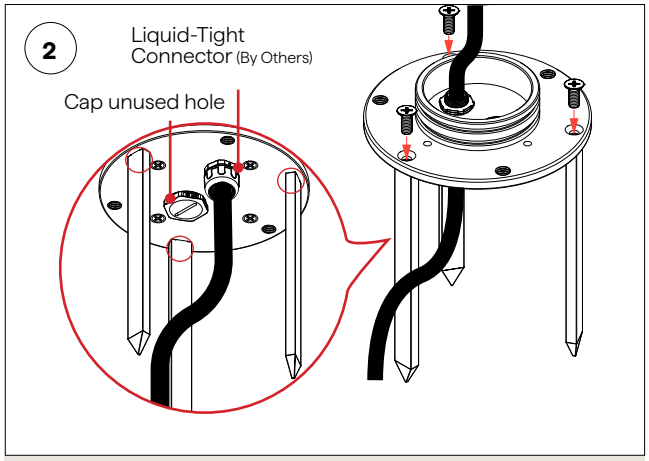
Landscape Lighting Installation Instructions

MOUNTING METHOD: **DIRECT BURIAL - NO DRIVER (ND)**
Q-MT-48

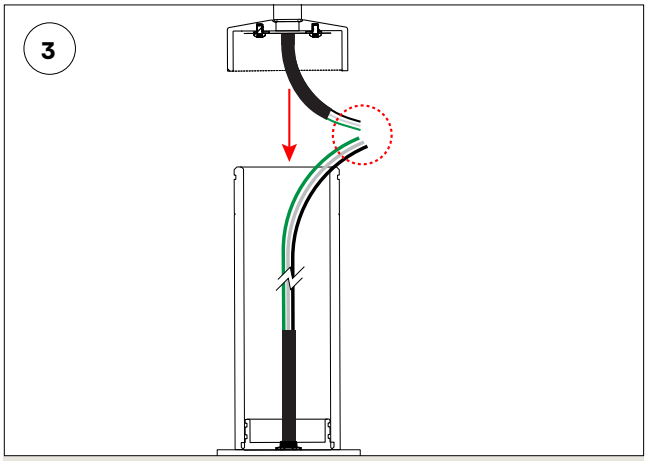




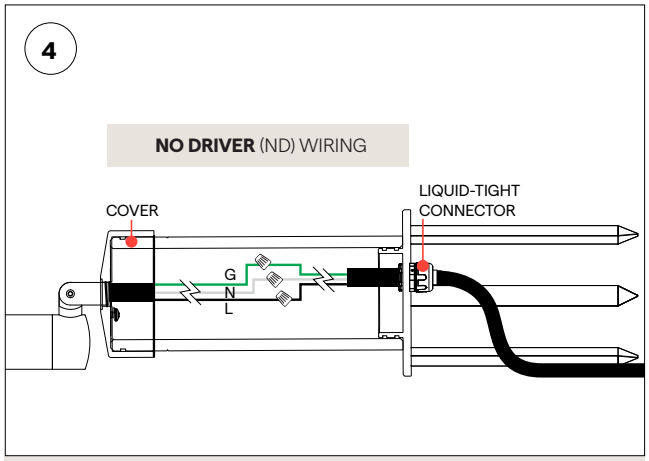
- Remove the set screws, then remove the top cap.
- Install fixture onto canopy.
- Feed the fixture lead wire down through the canopy then thread the fixture into the canopy opening and rotate until fully seated.



- Route the wire into 1/2" liquid-tight connector (by others).
- Attach the three (3) planting stakes to the underside of the mount using the supplied screws.



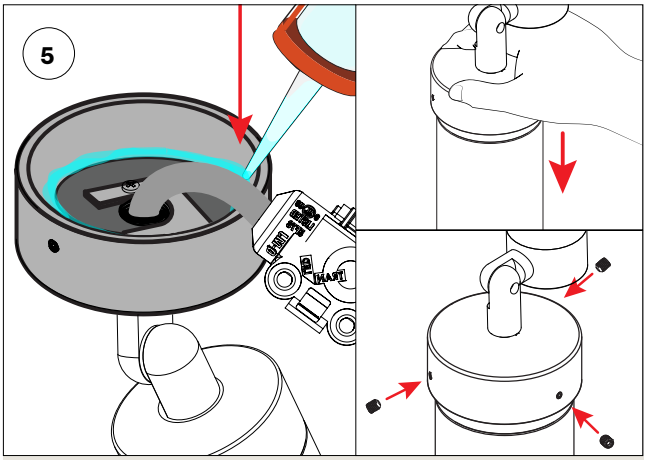
- For ease of splicing, pull the line-voltage wire out of the tube to splice it to the fixture wire using wire nuts (by others) follow luminaire wiring instructions.



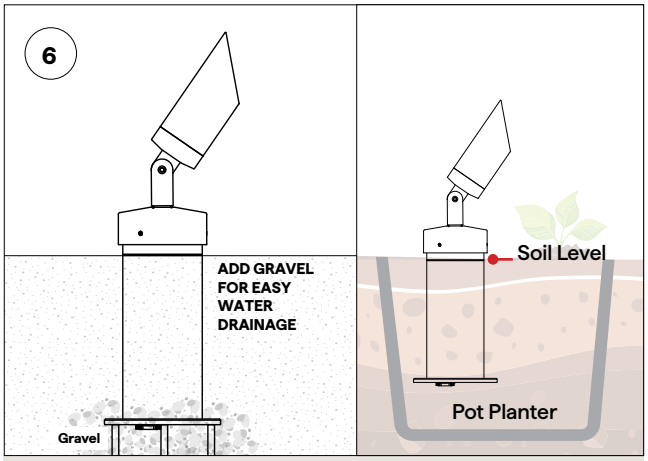
- Visual representation of complete wiring.
- Follow the wiring diagram in the luminaire instructions.

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MOUNTING METHOD: **DIRECT BURIAL - NO DRIVER (ND)**
Q-MT-48



- After wiring apply a 3/8-inch bead of silicone to the inner corner of the Q-MT-48 top cap. Use a finger or tool to spread the bead evenly, ensuring all corners are fully covered.
- Place canopy over tube and Press the cap firmly until it is fully seated over the Q-MT-48 tube.
- Insert the three (3) side set screws and tighten until firm. Allow the silicone to set for 2 hours before testing or powering the device.
- Connection complete ready for burial.

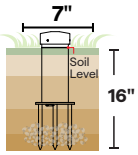


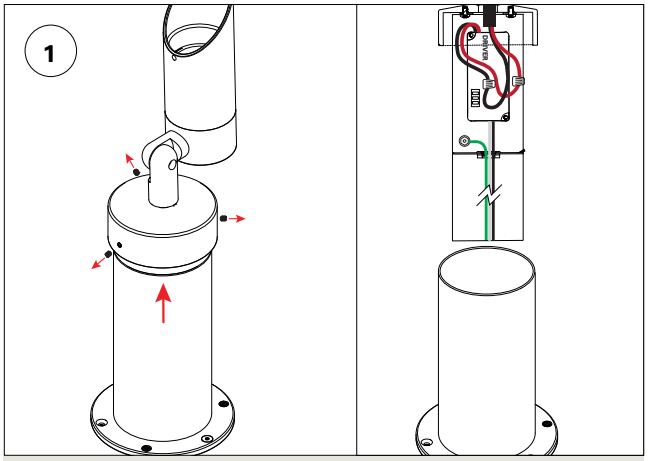
- Add gravel for easy drainage then backfill hole with soil as shown.

DO NOT COVER THE LUMINAIRE.

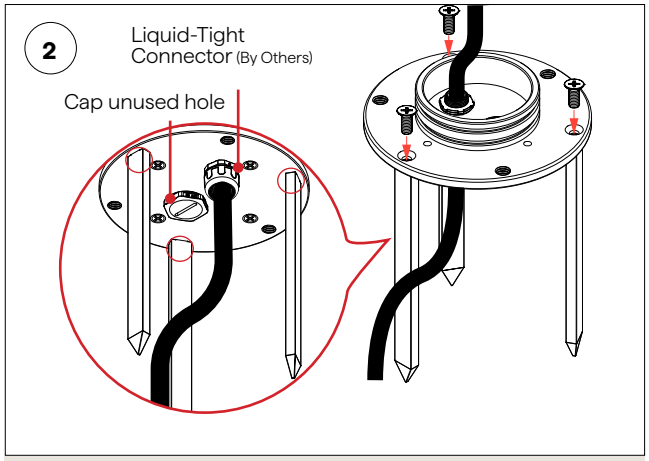
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MOUNTING METHOD: **DIRECT BURIAL - WITH DRIVER (WD)**
Q-MT-48

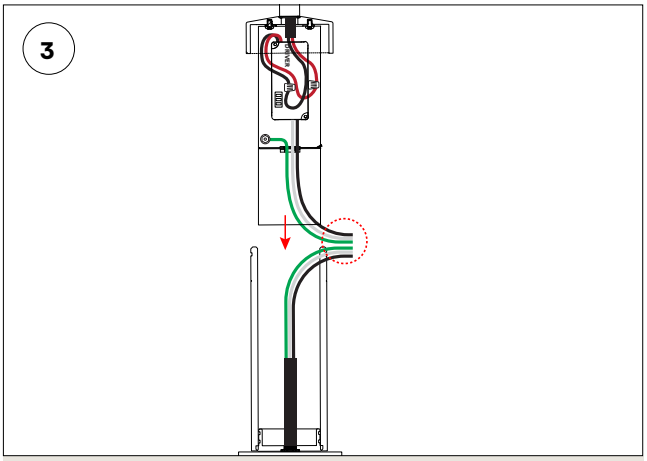




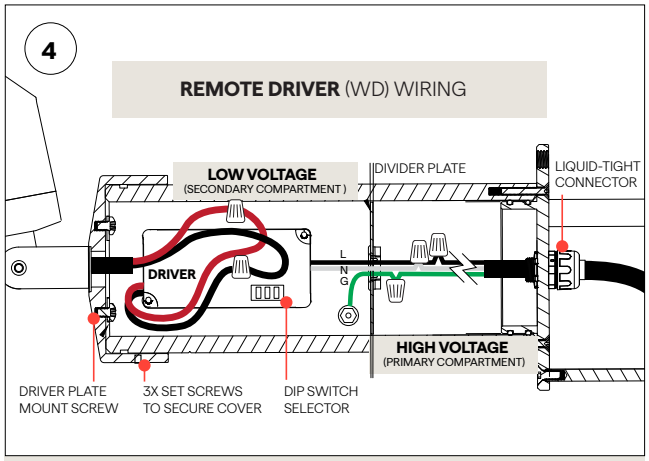
- Remove the set screws, then remove the top cap along with driver attached.



- Route the wire into 1/2" liquid-tight connector (by others).
- Attach the three (3) planting stakes to the underside of the mount using the supplied screws.



- For ease of splicing, pull the line-voltage wire out of the tube and splice it to the fixture wire using wire nuts (by others) follow luminaire wiring instructions.



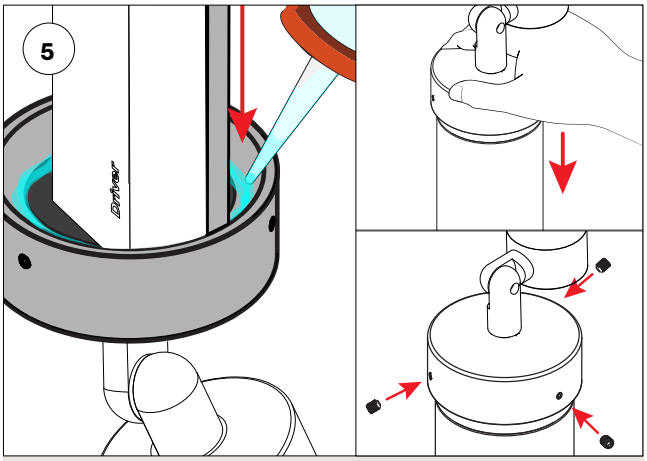
- Visual representation of complete wiring.
- Follow the wiring diagram in the luminaire instructions.

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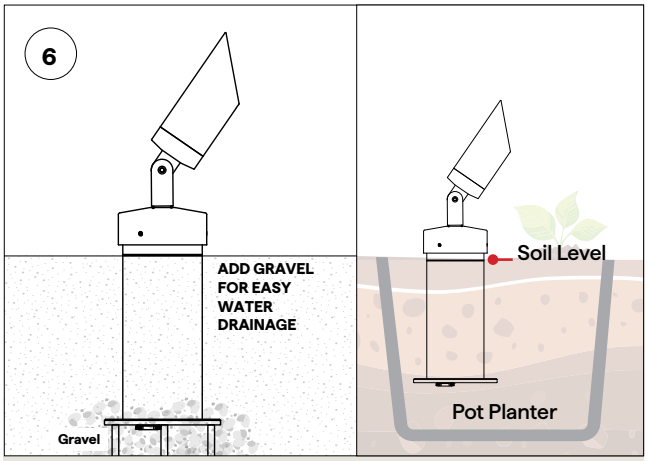
DIRECT BURIAL

Landscape Lighting Installation Instructions

MOUNTING METHOD: **DIRECT BURIAL - WITH DRIVER (WD)**
Q-MT-48



- Apply a 3/8-inch bead of silicone to the inner corner of the Q-MT-48 top cap. Use a finger or tool to spread the bead evenly, ensuring all corners are fully covered.
- Place canopy over tube and Press the cap firmly until it is fully seated over the Q-MT-48 tube.
- Insert the three (3) side set screws and tighten until firm. Allow the silicone to set for 2 hours before testing or powering the device.
- Connection complete ready for burial.

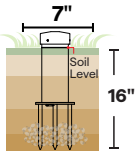


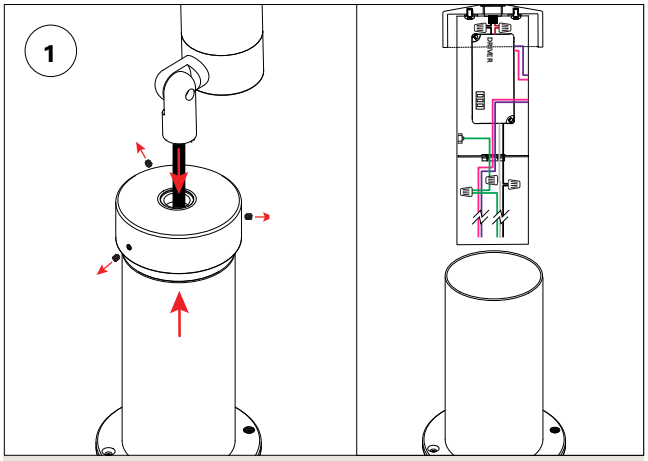
- Add gravel for easy drainage then backfill hole with soil as shown.

DO NOT COVER THE LUMINAIRE.

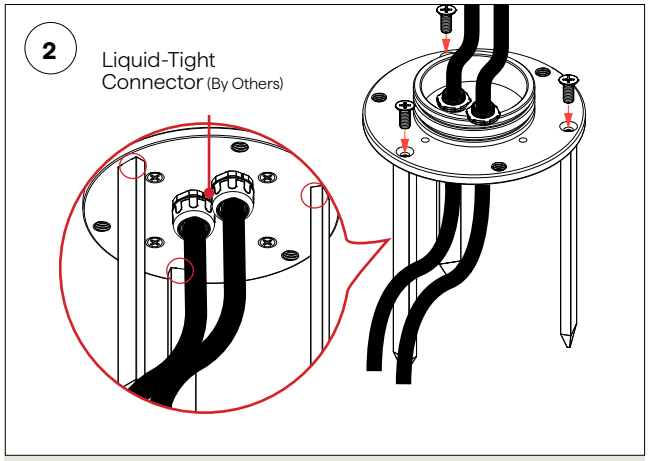
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MOUNTING METHOD: **DIRECT BURIAL - DRIVER WITH DIMMER**
Q-MT-48

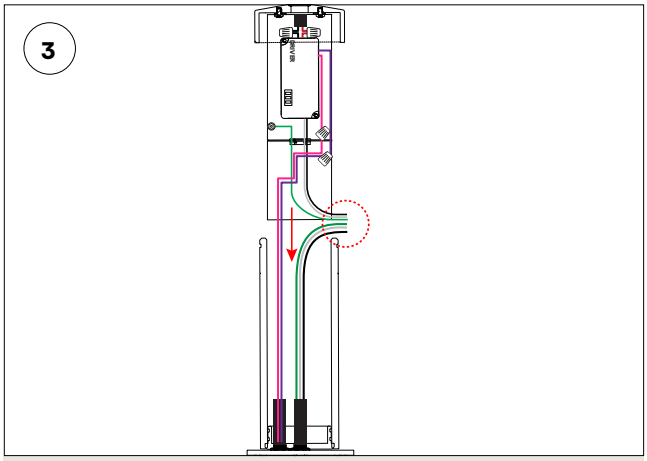




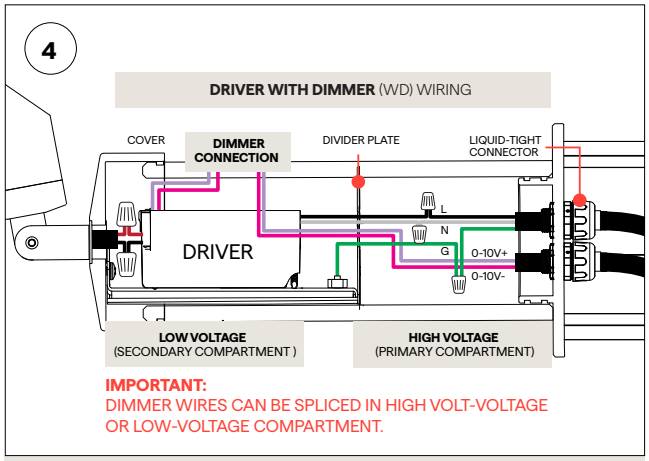
- Remove the set screws, then remove the top cap along with driver attached.



- Route the wire into 1/2" liquid-tight connector (by others).
- Attach the three (3) planting stakes to the underside of the mount using the supplied screws.



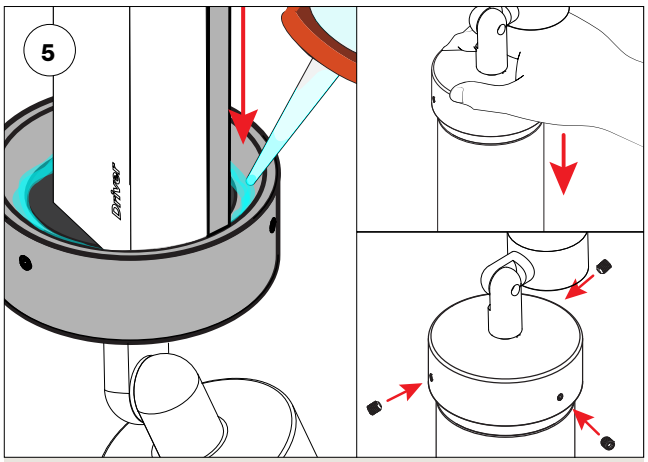
- For ease of splicing, pull the line-voltage wire out of the tube and splice it to the fixture wire using wire nuts (by others) follow luminaire wiring instructions.



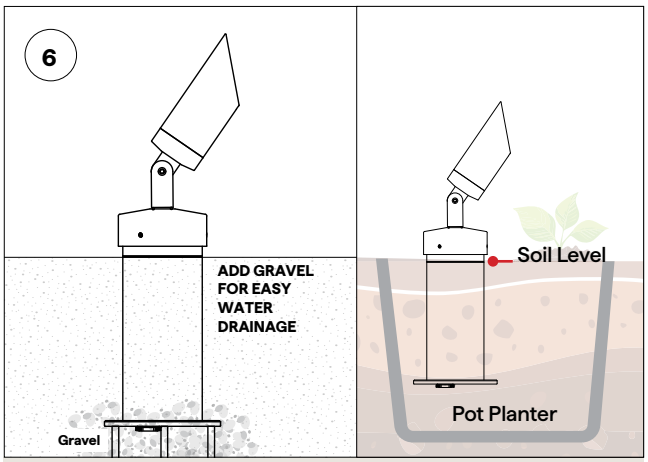
- Visual representation of complete wiring.
- Follow the wiring diagram in the luminaire instructions.

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MOUNTING METHOD: **DIRECT BURIAL - DRIVER WITH DIMMER**
Q-MT-48



- Apply a 3/8-inch bead of silicone to the inner corner of the Q-MT-48 top cap. Use a finger or tool to spread the bead evenly, ensuring all corners are fully covered.
- Place canopy over tube and Press the cap firmly until it is fully seated over the Q-MT-48 tube.
- Insert the three (3) side set screws and tightened until firm. Allow the silicone to set for 2 hours before testing or powering the device.
- Connection complete ready for burial.



- Add gravel for easy drainage then backfill hole with soil as shown.

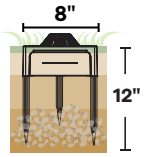
DO NOT COVER THE LUMINAIRE.

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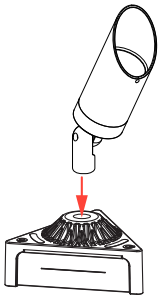
DIRECT BURIAL

Landscape Lighting Installation Instructions

MOUNTING METHOD: **DIRECT BURIAL - Q-TRIX NO DRIVER (ND)**
Q-TRIX-R20



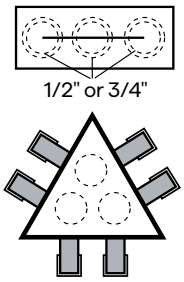
1

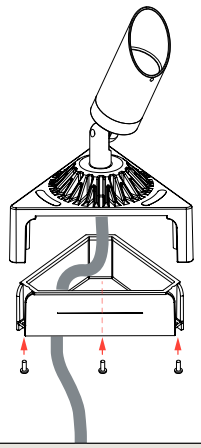


- Remove the cap to expose the 1/2" NPT threads and center knockout (KO), then install the fixture.

IMPORTANT
SQUEEZE SILICONE INTO THE THREADS
BEFORE MOUNTING FIXTURE

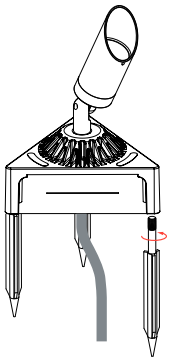
2





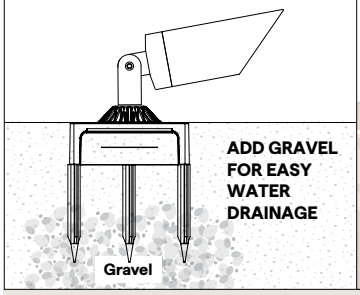
- Complete the wiring and power connection, then secure the bottom of the Q-TRIX unit with the three (3) supplied screws.

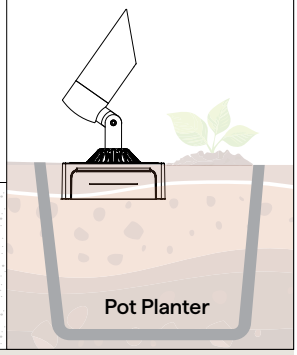
3



- Install the three (3) stakes to the Q-TRIX-R20 by screwing them in place in the direction shown.

4





- Add gravel for easy drainage then backfill hole with soil as shown.
- Refer to the Q-TRIX-R20 product page for more detailed installation guidelines.

DO NOT COVER THE LUMINAIRE.

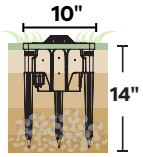
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DIRECT BURIAL

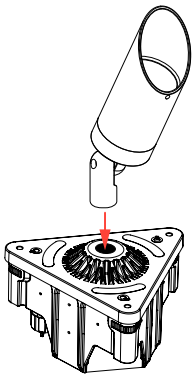
Landscape Lighting Installation Instructions

MOUNTING METHOD: **DIRECT BURIAL - Q-TRIX WITH DRIVER (WD)**

Q-TRIX-R50



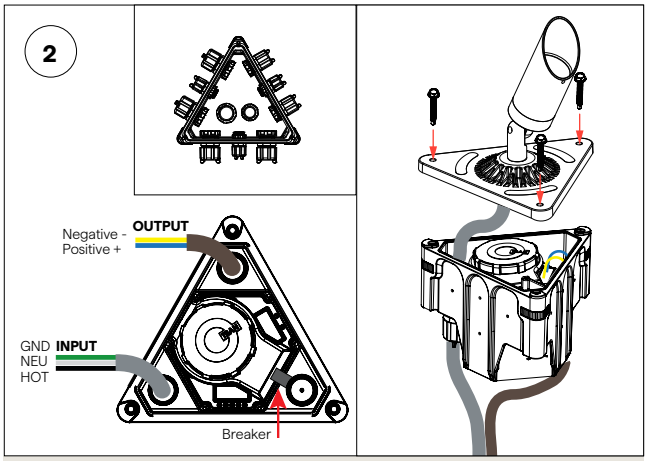
1



- Remove the cap to expose the 1/2" NPT threads and center knockout (KO), then install the fixture.

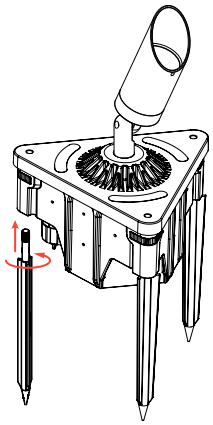
IMPORTANT
SQUEEZE SILICONE INTO THE THREADS
BEFORE MOUNTING FIXTURE

2



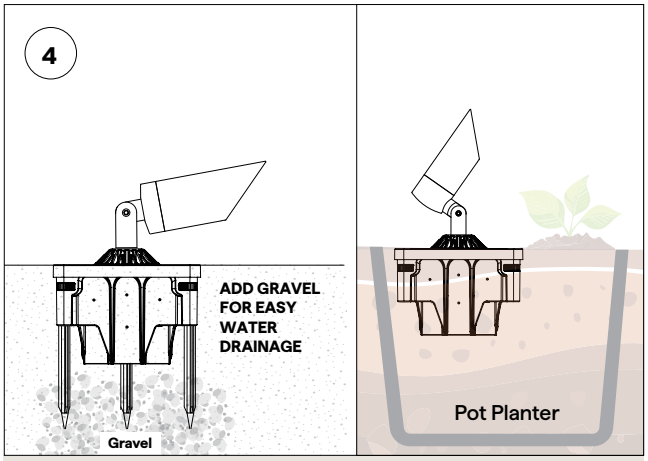
- Complete the wiring and power connection, then secure the bottom of the Q-TRIX unit with the three (3) supplied screws.

3



- Install the three (3) stakes to the Q-TRIX-R50 by screwing them in place in the direction shown.

4



- Add gravel for easy drainage then backfill hole with soil as shown.
- Refer to the Q-TRIX-R50 product page for more detailed installation guidelines.

DO NOT COVER THE LUMINAIRE.

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