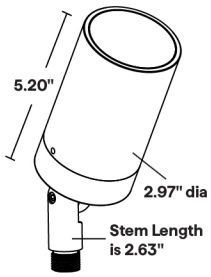
VOYA END MOUNT 3.0 RETROFIT PAR20

120VAC Retrofit PAR20 Flood/Accent Light





- Specification-grade, flood/accent lighting
- Available in ultra-durable powder-coated 6061 aluminum, polished brass, or polished 316L stainless steel
- Available in two static white CCTs: 2700K and 3000K, with up to 95 CRI
- Flexible tree, surface, wall and ground mounting options support diverse installations
- Additional snoots and lamps can be ordered separately. Use part code on master ordering guide.
- Wet listed for exterior applications

1 PRODUCT	2 KNUCKLE	3 SNOOT	4 LAMP	5 CCT-CRI	6 WATTS	7 BEAM ANGLE	8 MATERIAL	9 FINISH	10 WEEP HOLE	11 ACCESSORY 1	12 ACCESSORY 2	13 ACCESSORY 3
VOYA-EM-3.0-PAR20-120VAC	ST											

Sample Part Number: **VOYA-EM-3.0-PAR20-120VAC-ST-FL-PAR20-SA-SW-BRI-27-8.5-10D-SS-P-N/A-LV-WW-N/A**

1 PRODUCT

VOYA-EM-3.0-PAR20-120VAC

2 KNUCKLE

ST	Standard

3 SNOOT

FL	Flush
1R	1" Regress
30D	30 Degree
45D	45 Degree

4 LAMP

PAR20-SA-SW-BRI	Soraa Brilliant
PAR20-SA-SW-VD	Soraa Vivid
N/A	No Lamp

Max 35W PAR20 E26 base retrofit lamp.
LIMIT RANGE OF ADJUSTMENT OF LAMP HOUSING TO 1" FROM MOUNTING SURFACE

5 CCT-CRI

27	2700K	90
30	3000K	90
27	2700K	95
30	3000K	95
N/A	N/A	

6 WATTS

8.5	8.5 W
10	10.8 W
11.0	11.0 W
N/A	

7 BEAM ANGLE

10D	10 Degree
25D	25 Degree
36D	36 Degree
60D	60 Degree
10D	10 Degree
25D	25 Degree
36D	36 Degree
60D	60 Degree
N/A	

8 MATERIAL

A	6061 Aluminum Anodized and Powder Coated
B	Brass H59
SS	Stainless Steel 316L

9 FINISH

BG	Beige
BB	Black Bronze
BK	Black
BKT	Black Texture
BZ	Bronze
BZT	Bronze Texture
SL	Silver
WH	White
CU	Custom

Lead times differ. BZT parts are readily available. All other standard finishes are painted upon order. Custom finishes: consult factory

P	Polished

Brass and Stainless Steel have longer lead times: consult factory

10 WEEP HOLE

WPH	Weep Hole
N/A	No Weep Hole

Not using a weep hole while aiming up will void warranty. FL and GZR snoots do not have weep holes. If FL or GZR is chosen, select N/A

11 ACCESSORY 1

SP	Spread Lens
LS	Linear Spread Lens
WW	Wall Wash Lens
LV	Honeycomb Louver
N/A	No Accessory

Retaining Ring included with each accessory. Do not use with halogen lamps.

12 ACCESSORY 2

SP	Spread Lens
LS	Linear Spread Lens
WW	Wall Wash Lens
LV	Honeycomb Louver
N/A	No Accessory

Retaining Ring included with each accessory. Do not use with halogen lamps.

13 ACCESSORY 3

SP	Spread Lens
LS	Linear Spread Lens
WW	Wall Wash Lens
LV	Honeycomb Louver
N/A	No Accessory

Retaining Ring included with each accessory. Do not use with halogen lamps.

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

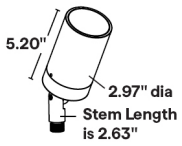
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Specification subject to change. Rev-11-02-26

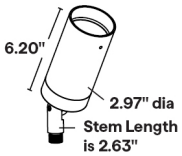
VOYA END MOUNT 3.0 RETROFIT PAR20

120VAC Retrofit PAR20 Flood/Accent Light

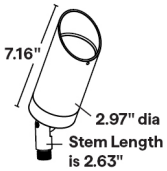
1 PRODUCT - DIMENSIONS



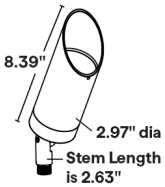
Flush Snoot (FL)



1" Regress Snoot (1R)



30 Degree Snoot (30D)

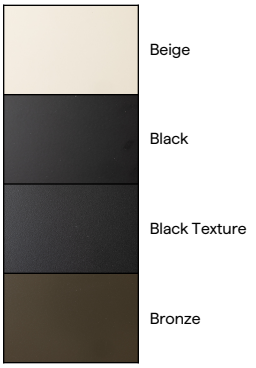


45 Degree Snoot (45D)

9 FINISH

ALUMINUM POWDER COAT FINISHES

Lead times differ. BZT ships from stock. All other standard finishes are made to order. Custom finishes: consult factory.



Beige
Black
Black Texture
Bronze



Bronze Texture
Black Bronze
Silver
White

BRASS AND STAINLESS STEEL POLISHED FINISHES

Brass and Stainless Steel have longer lead times: consult factory

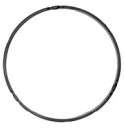


Polished Brass
Polished Stainless Steel

11 / 12 / 13 ACCESSORIES

Holds up to three accessories. Retaining Ring included with each accessory. Do not use with halogen lamps.

SP



Spread Lens

To order separately use ACC-3.0-SP

LS



Linear Spread Lens

To order separately use ACC-3.0-LS

WW



Wall Wash Lens

To order separately use ACC-3.0-WW

LV



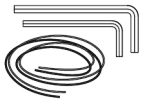
Honeycomb Louver

To order separately use ACC-3.0-LV



Retaining Ring

To order separately use ACC-3.0-RR



SNOOT INSTALL KIT

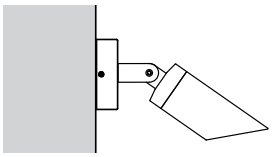
To order separately use VOYA-SNOOT-INSTALL-KIT

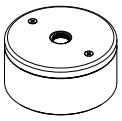
VOYA EM/SM 3.0" MOUNT COMPATIBILITY

Landscape Lighting

SURFACE/WALL

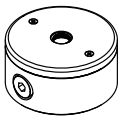
See Surface/Wall installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.





**Q-MT-49-BF*
(No Driver)**

With Water Protection

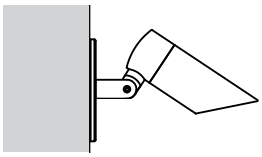


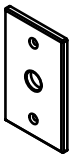
**Q-MT-49-SF*
(No Driver)**

With Water Protection

SURFACE/WALL J-BOX PLATES

See Surface/Wall J-Box Plate installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.



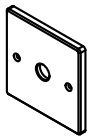


Q-MT-24

Compatible with 1 GANG RECTANGLE WEATHER PROOF J-BOX or 4/0 WEATHER PROOF J-BOX by others



Q-MT-25



Q-MT-26

Compatible with 1 GANG RECESS J-BOX or 4/0 RECESSED J-BOX by others



Q-MT-27

Compatible with 3/0 RECESSED J-BOX by others

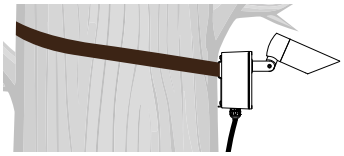


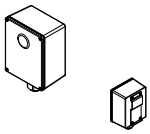
Q-MT-42*

Compatible with 1 GANG RECTANGLE WEATHER PROOF J-BOX or 4/0 WEATHER PROOF J-BOX by others

TREE MOUNT

See Tree Mount installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.



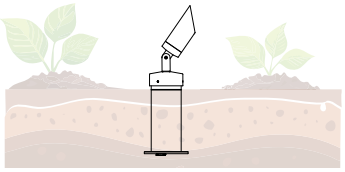


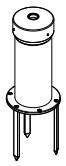
**Q-MT-50
(No Driver)**

With Water Protection and Tree Strap

DIRECT BURIAL

See Direct Burial installation for dimensions and included hardware. Refer to the mount cut sheets for complete order codes regarding mount's options.





**Q-MT-48*
(No Driver)**

With Water Protection

MOUNT ACCESSORIES

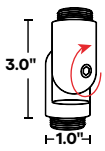
See Accessories installation for dimensions and included hardware.



NPS ADAPTER

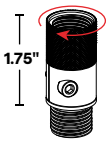


**AY-3
Riser Pole**



AY-7

No Water Protection



(RA) ROTATIONAL ADAPTER

With Water Protection

***Compatible with AY-3 Riser Pole**

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Specification subject to change. **Rev-11-02-26**

VOYA 3.0" ADDITIONAL SNOOTS, OPTICS, LENS FILTERS, LAMPS, KITS, & FINISH KEY RINGS

Accessories

SNOOTS - NO WEEP HOLES

Flush



PART NUMBERS:

BEIGE	VOYA-3.0-FL-SNOOT-ASM-A-BG
BLACK BRONZE	VOYA-3.0-FL-SNOOT-ASM-A-BB
BLACK	VOYA-3.0-FL-SNOOT-ASM-A-BK
BLACK TEXTURE	VOYA-3.0-FL-SNOOT-ASM-A-BKT
BRONZE	VOYA-3.0-FL-SNOOT-ASM-A-BZ
BRONZE TEXTURE	VOYA-3.0-FL-SNOOT-ASM-A-BZT
SILVER	VOYA-3.0-FL-SNOOT-ASM-A-SL
WHITE	VOYA-3.0-FL-SNOOT-ASM-A-WH
BRASS	VOYA-3.0-FL-SNOOT-ASM-B-P
STAINLESS STEEL	VOYA-3.0-FL-SNOOT-ASM-SS-P

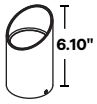
1" Regress



PART NUMBERS:

BEIGE	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-A-BG
BLACK BRONZE	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-A-BB
BLACK	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-A-BK
BLACK TEXTURE	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-A-BKT
BRONZE	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-A-BZ
BRONZE TEXTURE	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-A-BZT
SILVER	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-A-SL
WHITE	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-A-WH
BRASS	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-B-P
STAINLESS STEEL	VOYA-3.0-1R-SNOOT-NO-WEEP-ASM-SS-P

30 Degree



PART NUMBERS:

BEIGE	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-A-BG
BLACK BRONZE	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-A-BB
BLACK	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-A-BK
BLACK TEXTURE	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-A-BKT
BRONZE	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-A-BZ
BRONZE TEXTURE	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-A-BZT
SILVER	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-A-SL
WHITE	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-A-WH
BRASS	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-B-P
STAINLESS STEEL	VOYA-3.0-30D-SNOOT-NO-WEEP-ASM-SS-P

45 Degree



PART NUMBERS:

BEIGE	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-A-BG
BLACK BRONZE	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-A-BB
BLACK	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-A-BK
BLACK TEXTURE	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-A-BKT
BRONZE	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-A-BZ
BRONZE TEXTURE	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-A-BZT
SILVER	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-A-SL
WHITE	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-A-WH
BRASS	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-B-P
STAINLESS STEEL	VOYA-3.0-45D-SNOOT-NO-WEEP-ASM-SS-P

SNOOTS - WITH WEEP HOLES

1" Regress



PART NUMBERS:

BEIGE	VOYA-3.0-1R-SNOOT-ASM-A-BG
BLACK BRONZE	VOYA-3.0-1R-SNOOT-ASM-A-BB
BLACK	VOYA-3.0-1R-SNOOT-ASM-A-BK
BLACK TEXTURE	VOYA-3.0-1R-SNOOT-ASM-A-BKT
BRONZE	VOYA-3.0-1R-SNOOT-ASM-A-BZ
BRONZE TEXTURE	VOYA-3.0-1R-SNOOT-ASM-A-BZT
SILVER	VOYA-3.0-1R-SNOOT-ASM-A-SL
WHITE	VOYA-3.0-1R-SNOOT-ASM-A-WH
BRASS	VOYA-3.0-1R-SNOOT-ASM-B-P
STAINLESS STEEL	VOYA-3.0-1R-SNOOT-ASM-SS-P

30 Degree



PART NUMBERS:

BEIGE	VOYA-3.0-30D-SNOOT-ASM-A-BG
BLACK BRONZE	VOYA-3.0-30D-SNOOT-ASM-A-BB
BLACK	VOYA-3.0-30D-SNOOT-ASM-A-BK
BLACK TEXTURE	VOYA-3.0-30D-SNOOT-ASM-A-BKT
BRONZE	VOYA-3.0-30D-SNOOT-ASM-A-BZ
BRONZE TEXTURE	VOYA-3.0-30D-SNOOT-ASM-A-BZT
SILVER	VOYA-3.0-30D-SNOOT-ASM-A-SL
WHITE	VOYA-3.0-30D-SNOOT-ASM-A-WH
BRASS	VOYA-3.0-30D-SNOOT-ASM-B-P
STAINLESS STEEL	VOYA-3.0-30D-SNOOT-ASM-SS-P

45 Degree



PART NUMBERS:

BEIGE	VOYA-3.0-45D-SNOOT-ASM-A-BG
BLACK BRONZE	VOYA-3.0-45D-SNOOT-ASM-A-BB
BLACK	VOYA-3.0-45D-SNOOT-ASM-A-BK
BLACK TEXTURE	VOYA-3.0-45D-SNOOT-ASM-A-BKT
BRONZE	VOYA-3.0-45D-SNOOT-ASM-A-BZ
BRONZE TEXTURE	VOYA-3.0-45D-SNOOT-ASM-A-BZT
SILVER	VOYA-3.0-45D-SNOOT-ASM-A-SL
WHITE	VOYA-3.0-45D-SNOOT-ASM-A-WH
BRASS	VOYA-3.0-45D-SNOOT-ASM-B-P
STAINLESS STEEL	VOYA-3.0-45D-SNOOT-ASM-SS-P

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VOYA 3.0" ADDITIONAL SNOOTS, OPTICS, LENS FILTERS, LAMPS, KITS, & FINISH KEY RINGS

Accessories

LENS FILTERS

SPREAD



PART NUMBERS:

ACC-3.0-SP

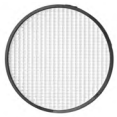
LINEAR SPREAD



PART NUMBERS:

ACC-3.0-LS

WALL WASH



PART NUMBERS:

ACC-3.0-WW

HONEYCOMB LOUVER



PART NUMBERS:

ACC-3.0-LV

RETAINING RING

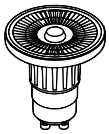


PART NUMBERS:

ACC-3.0-RR

LAMPS

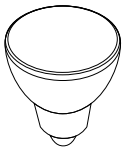
GU10



PART NUMBERS:

GU10 EMERY ALLEN 7.0W 36 DEGREE 2700K STATIC WHITE 90CRI DIMMABLE	EA-GU10-7.0W-36D-2790-D
GU10 EMERY ALLEN 7.0W 36 DEGREE 3000K STATIC WHITE 90CRI DIMMABLE	EA-GU10-7.0W-36D-3090-D
GU10 EMERY ALLEN 3.0W 60 DEGREE AMBER	EA-GU10-3.0W-60D-AMB

PAR20

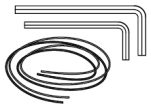


PART NUMBERS:

SORAA VIVID PAR20 11.0W 10 DEGREE 2700K STATIC WHITE	SP20-11-10D-927-03
SORAA VIVID PAR20 11.0W 10 DEGREE 3000K STATIC WHITE	SP20-11-10D-930-03
SORAA VIVID PAR20 11.0W 25 DEGREE 2700K STATIC WHITE	SP20-11-25D-927-03
SORAA VIVID PAR20 11.0W 25 DEGREE 3000K STATIC WHITE	SP20-11-25D-930-03
SORAA VIVID PAR20 11.0W 36 DEGREE 2700K STATIC WHITE	SP20-11-36D-927-03
SORAA VIVID PAR20 11.0W 36 DEGREE 3000K STATIC WHITE	SP20-11-36D-930-03
SORAA VIVID PAR20 11.0W 60 DEGREE 2700K STATIC WHITE	SP20-11-60D-927-03
SORAA VIVID PAR20 11.0W 60 DEGREE 3000K STATIC WHITE	SP20-11-60D-930-03
SORAA BRILLIANT HL PAR20 11.0W 25 DEGREE 2700K STATIC WHITE	SP20-11-25D-827-H1
SORAA BRILLIANT HL PAR20 11.0W 25 DEGREE 3000K STATIC WHITE	SP20-11-25D-830-H1
SORAA BRILLIANT HL PAR20 11.0W 36 DEGREE 2700K STATIC WHITE	SP20-11-36D-827-H1
SORAA BRILLIANT HL PAR20 11.0W 36 DEGREE 3000K STATIC WHITE	SP20-11-36D-830-H1
SORAA BRILLIANT HL PAR20 11.0W 60 DEGREE 2700K STATIC WHITE	SP20-11-60D-827-H1
SORAA BRILLIANT HL PAR20 11.0W 60 DEGREE 3000K STATIC WHITE	SP20-11-60D-830-H1
SORAA BRILLIANT HL PAR20 8.5W 10 DEGREE 2700K STATIC WHITE	SP20-08-10D-827-H1
SORAA BRILLIANT HL PAR20 8.5W 10 DEGREE 3000K STATIC WHITE	SP20-08-10D-830-H1

INSTALL KIT

Snoot Install Kit

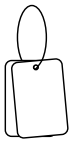


PART NUMBERS:

VOYA-SNOOT-INSTALL-KIT

FINISH KEY RING

Finish Key Ring



PART NUMBERS:

VOYA-FINISH-KEY-RING

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3.0" VOYA LUMINAIRE

Landscape Lighting Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

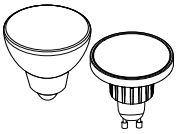
- Product to be installed by a licensed electrician - Field modifications void warranty
- Diagrams for representation only and not to scale.
- For all up-lighting applications, snoots require the weep hole to be unobstructed — orient at lowest point of aim.
- PC lenses are not rated for use with halogen lamps. Do not use PC lenses in combination with halogen lamp sources.
- Licensed electrician required — 120V line voltage

SPECIFICATIONS

- INPUT VOLTAGE: 120VAC (LINE VOLTAGE)
- LEAD WIRE: 36" OF 120V LEADS
- NPS THREAD: 1/2-14 NPS
- LAMP: MAX 35W PAR20 E26, GU10 TWIST-LOCK
- SNOOT SCREW: M5X5mm
- KNUCKLE SCREW: M8X22.5mm

- WIRING DIAGRAM (PAGE 2)
- KNUCKLE INSTALLATION (PAGE 3)
- LAMP INSTALLATION (PAGE 4)
- SNOOTS INSTALLATION (PAGE 5)

LAMP



PAR20/GU10

SNOOTS

FL	1R	30D	45D
			
FLUSH	1" RECESSED	30 DEGREE	45 DEGREE

COMPONENTS & HARDWARE

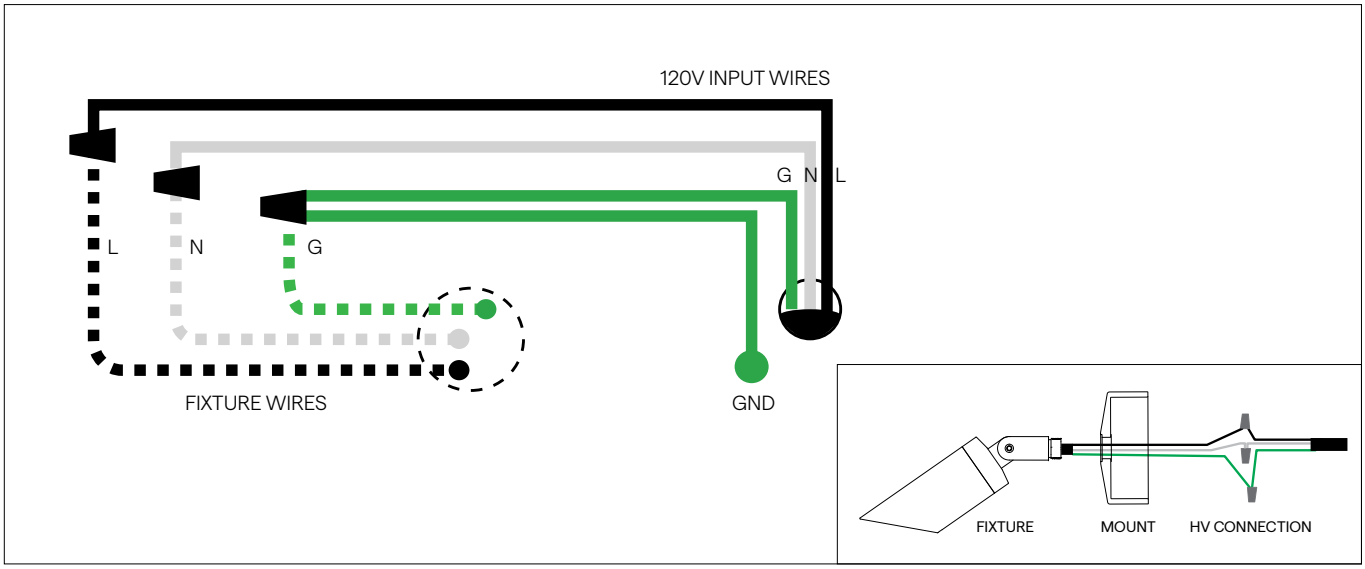
PROVIDED HARDWARE

		
M2.5 Allen Key	M4 Allen Key	12" Omniflex® Line
ALLEN KEY	ALLEN KEY	FLEXIBLE LINE

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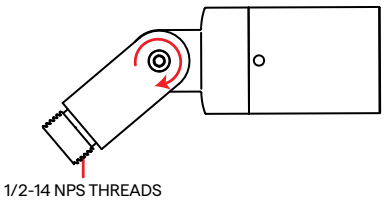
WIRING DIAGRAM

LINE VOLTAGE



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KNUCKLE ADJUSTMENT

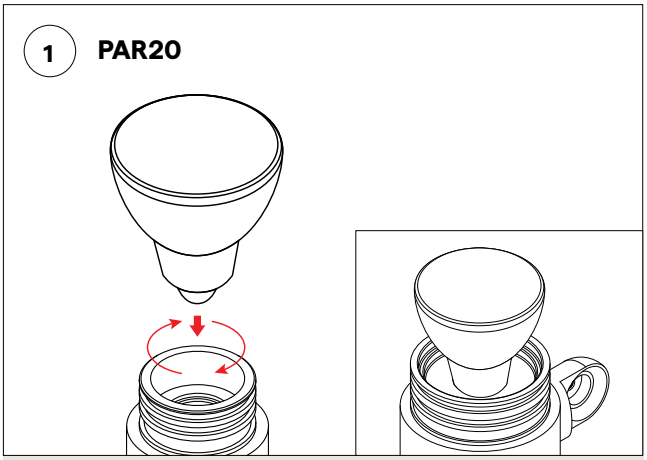


- Adjust and lock fixture at desired angle, using M4 Allen Key provided.

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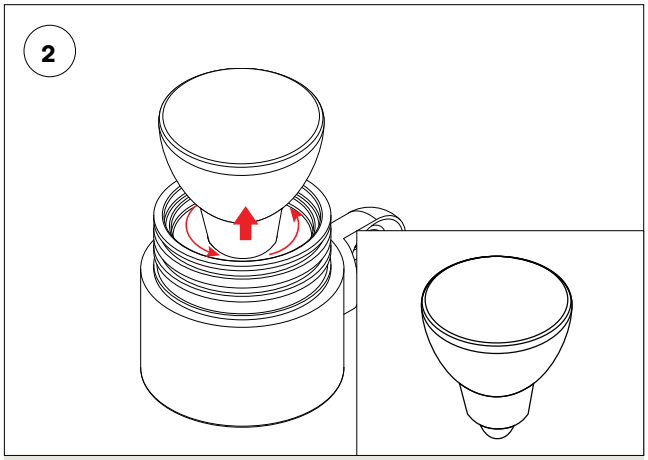
LAMP INSTALLATION

1 PAR20



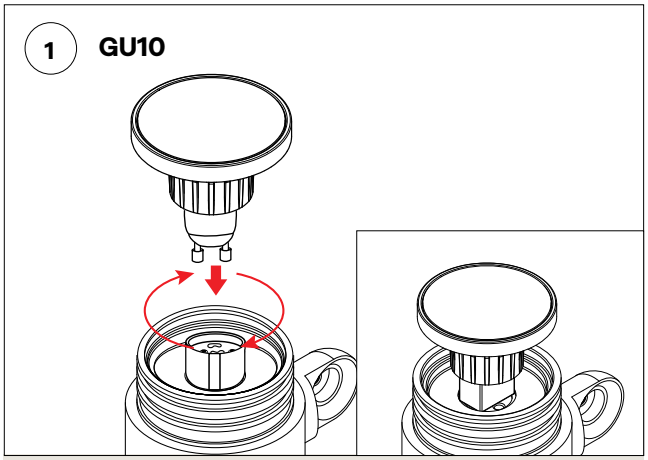
- **To Install:** Align the lamp over the top fixture opening and rotate clockwise until fully engaged and seated against the stop.

2



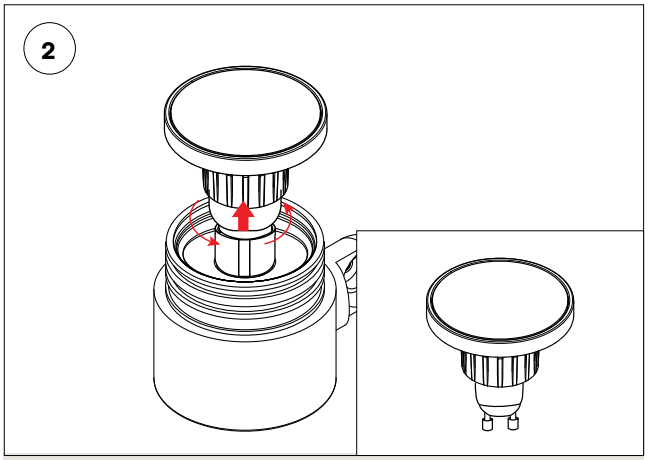
- **To Remove:** Rotate counterclockwise until the connection is disengaged, then lift off the lamp.

1 GU10



- **To Install:** Align the lamp over the top fixture opening and rotate clockwise until fully engaged and seated against the stop.

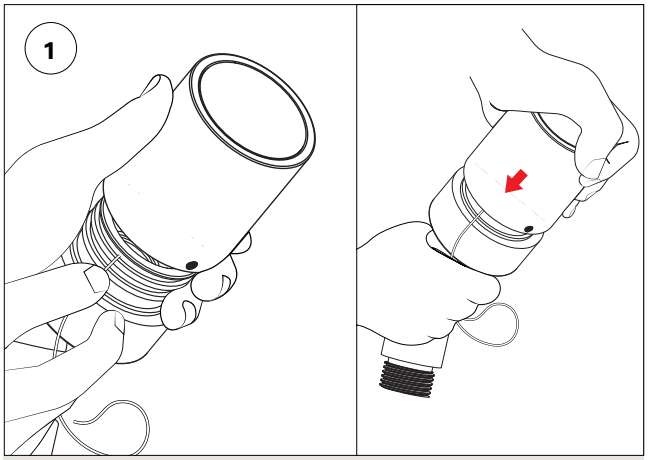
2



- **To Remove:** Rotate counterclockwise until the connection is disengaged, then lift off the lamp.

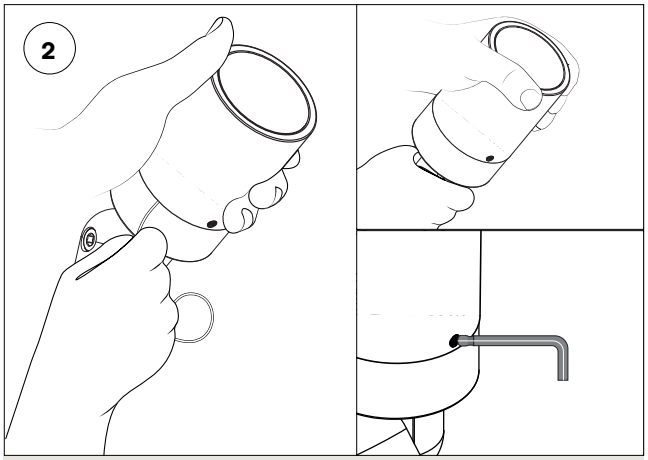
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SNOOT INSTALLATION



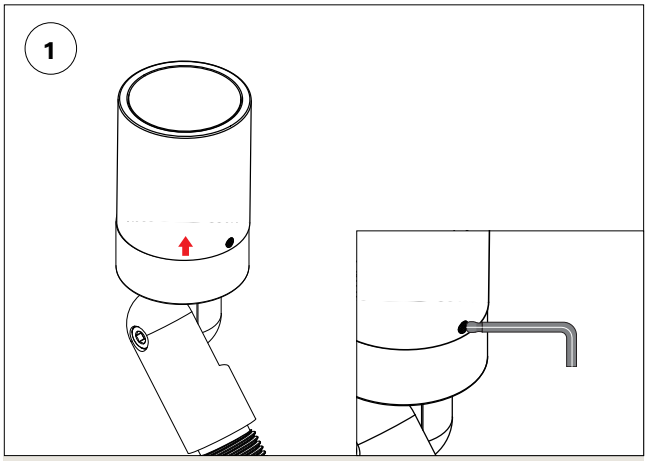
To Install

- **Align snoot:** Position snoot over fixture body and align it. Place the Omniflex® line over the gasket area.
- **Slide and rock onto base:** Slide snoot onto one side of fixture body. Rock gently back and forth while pressing down firmly until one side is fully seated.



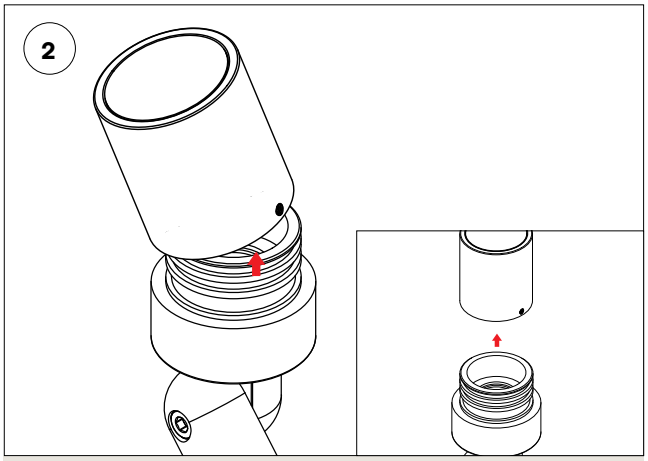
- **Secure the airtight seal:** Once the snoot is fully closed, pull the fishing wire through the snoot. Rotate the snoot until it is fully engaged, ensuring an airtight seal is maintained.
- **Secure set screw:** Tighten snoot set screw with M2.5 Allen Key, snug only. **DO NOT OVERTIGHTEN.**

For fixtures with weep hole, orient at lowest aiming angle for proper water drainage.



To Remove

- **Loosen set screw:** Loosen snoot set screw with M2.5 Allen Key, do not remove fully.



- **Rock and lift off:** Rock snoot side to side while gently pulling upward to release from fixture body.

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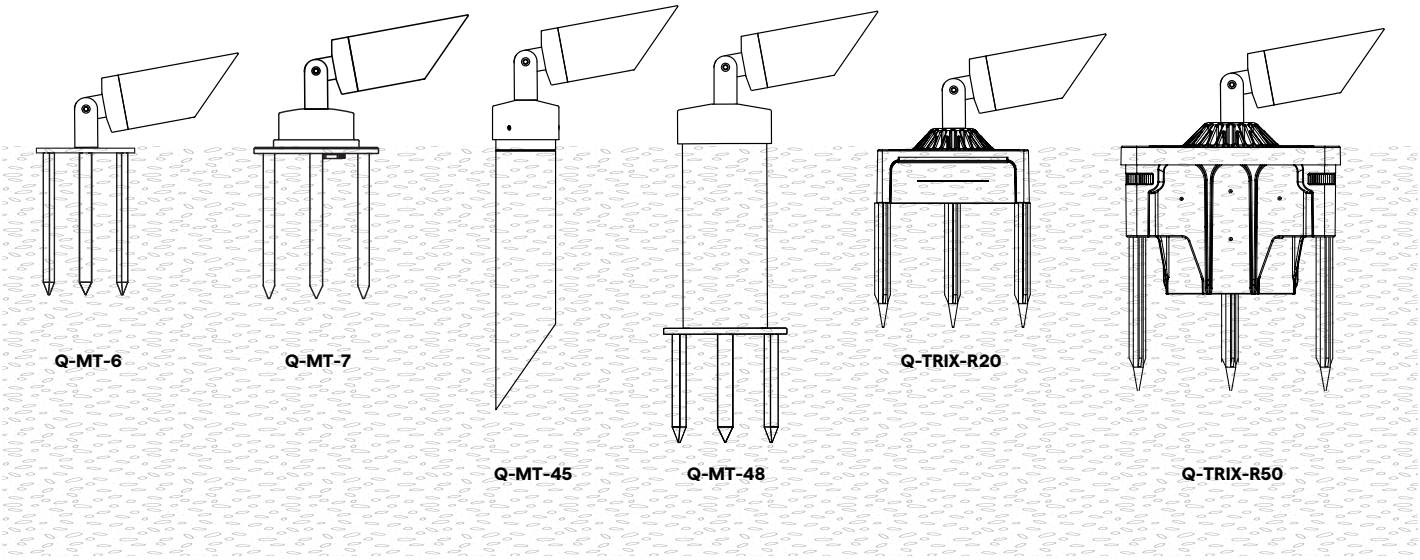
DIRECT BURIAL

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 (PAGE 5-9)
- DIRECT BURIAL - WITH DRIVER (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

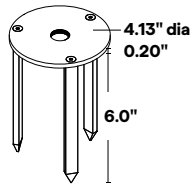
	Q-MT-6	Q-MT-7	Q-MT-45	Q-MT-48 No Driver	Q-MT-48 With Driver	Q-TRIX-R20 No Driver	Q-TRIX-R50 With Driver
VOYA-EM-1.75-MR11-12VAC	✓	✓	✓			✓	✓
VOYA-EM/SM-2.5	✓	✓	✓			✓	✓
VOYA-EM/SM-3.0-PAR20/GU10				✓			
VOYA-EM/SM-3.5-COB-120VAC					✓		
Excelsior UL-1	✓	✓					
Excelsior UL-1L	✓	✓					
Excelsior UL-2	✓	✓					
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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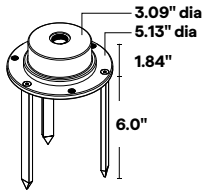
DIRECT BURIAL

Landscape Lighting Installation Instructions

Q-MT-6

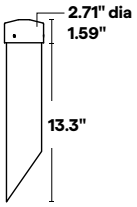


Q-MT-7

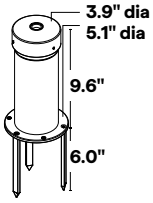


With Water Protection

Q-MT-45

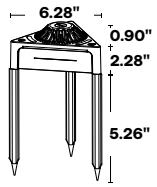


Q-MT-48



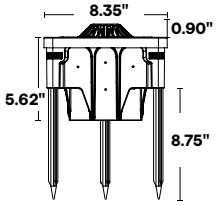
With Water Protection
No Driver | With Driver

Q-TRIX-R20



With Water Protection
No Driver

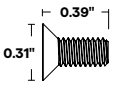
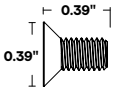
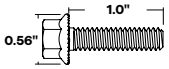
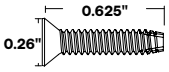
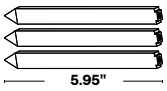
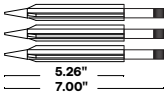
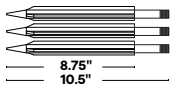
Q-TRIX-R50



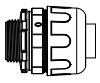
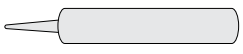
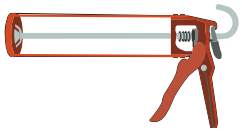
With Water Protection
With Driver

COMPONENTS & HARDWARE

PROVIDED HARDWARE

 **#PN** Q-MT-7 **QTY** 3	 **#PN** Q-MT-6, Q-MT-7 **QTY** 3, 3	 **#PN** Q-MT-45 **QTY** 3	 **TYPE** SCREWS For Q-TRIX-R50 **QTY** 3
M4x10mm	M5x12mm	M5x6mm	1/4"-20x1"
FLAT HEAD HEX SCREW	PHILLIPS FLAT HEAD SCREW	SET SCREW	SERRATED-FLANGE HEX HEAD SCREWS
 **TYPE** SCREWS For Q-TRIX-R20 **QTY** 3	 **#PN** Q-MT-6, Q-MT-7, Q-MT-48 **QTY** 3, 3, 3	 **TYPE** STAKE **QTY** 3	 **TYPE** STAKE **QTY** 3
6-32x5/8"	Stake: Use M5×12mm Phillips FH screws	Stake for Q-TRIX-R20	Stake for Q-TRIX-R50
PHILLIPS FLAT HEAD THREAD SCREW	PLANTING STAKE	PLANTING STAKE	PLANTING STAKE

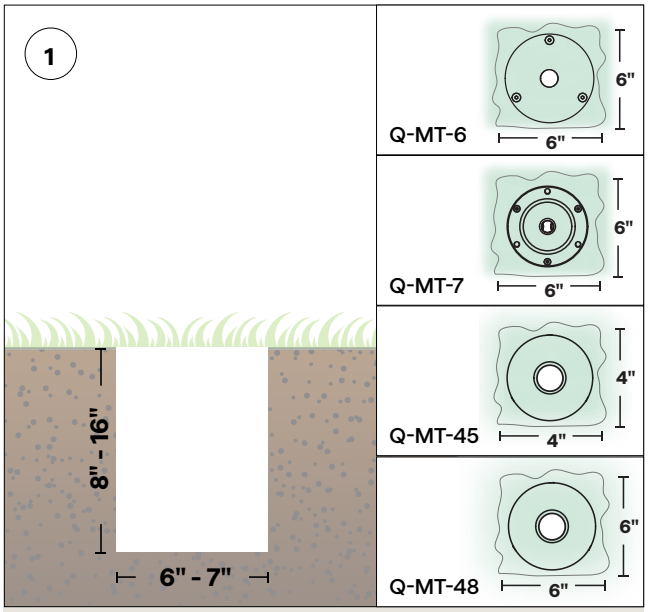
RECOMMENDED HARDWARE | **SUGGESTED TOOLS/MATERIALS**

 **#PN** Q-MT-6 **QTY** 1	 **#PN** Q-MT-7, Q-MT-48 **QTY** 1, 1		
1/2-14 NPS HEX NUT	1/2" Liquid-Tight Connector (By Others)	Waterproof Silicone	
HEX NUT / JAM NUT	CONDUIT CONNECTOR	ALL PURPOSE SILICONE	CAULKING GUN

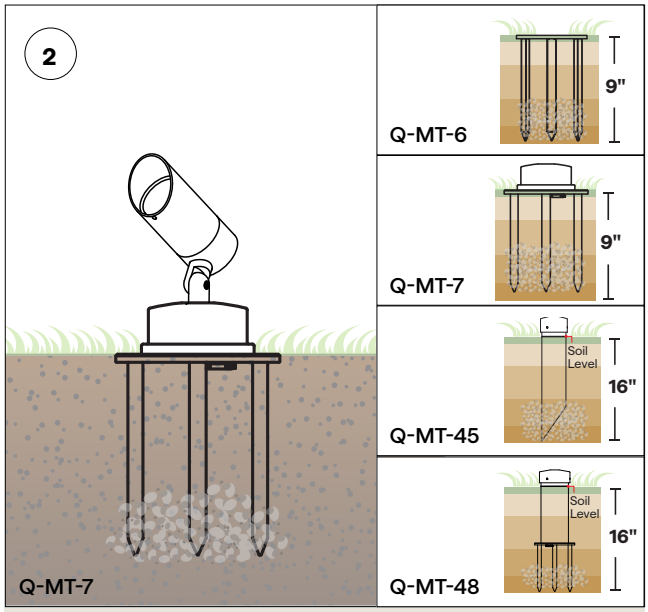
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SURFACE PREP

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

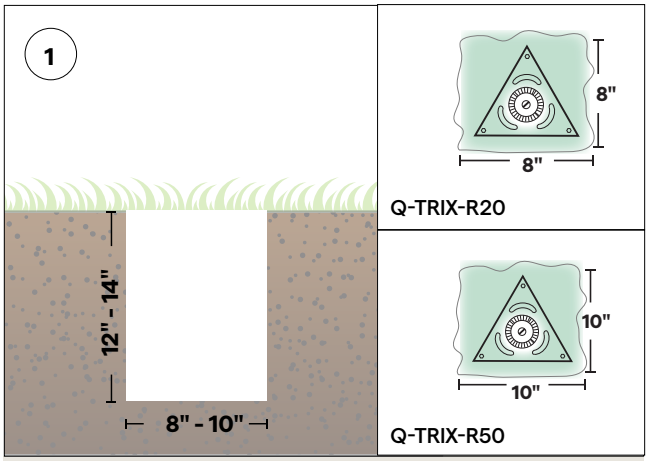


- Dig the hole to match the size of the housing for the product, as shown above for the hole length and width.

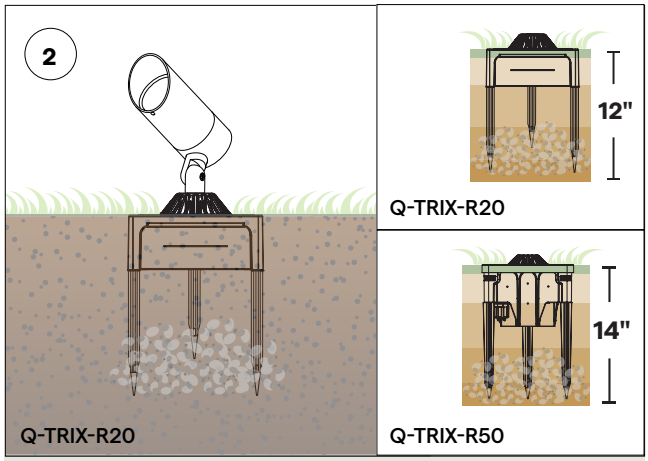


- Dig the hole to match the size of the housing for the product, as shown above for the hole depth.

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.



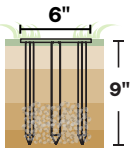
- Dig the hole to match the size of the housing for the product, as shown above for the hole depth.

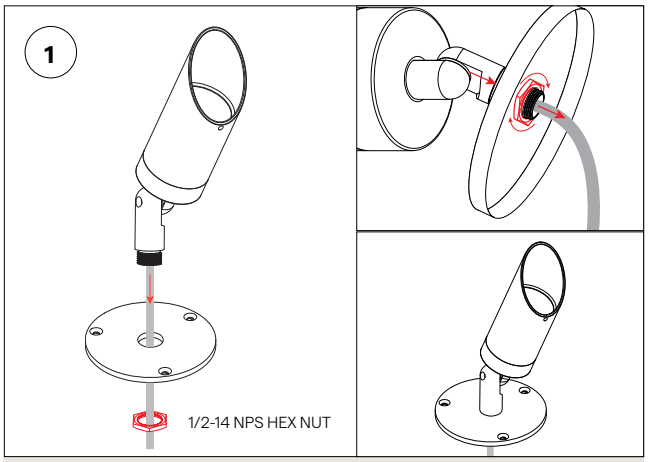
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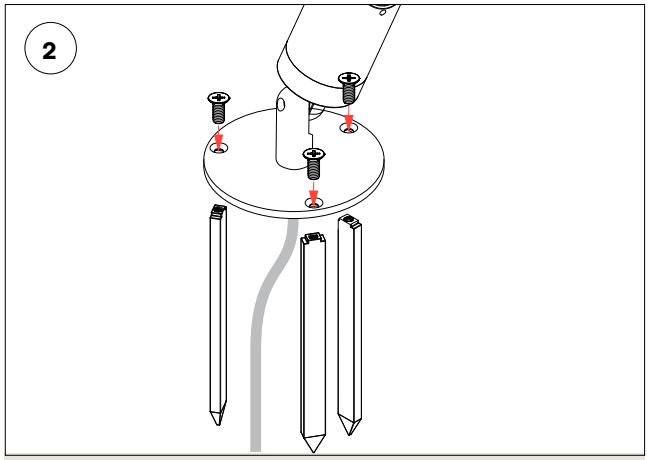
Landscape Lighting Installation Instructions

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

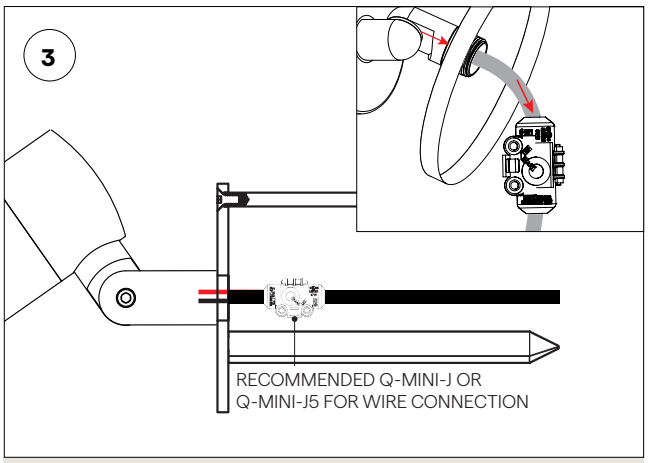




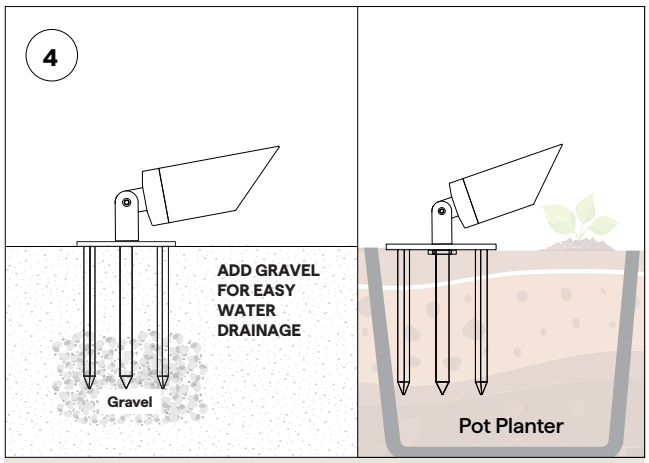
- Feed the fixture lead wire down through the plate, then screw fixture down with HEX NUT until fully seated.



- 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.

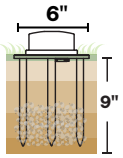
DO NOT COVER THE LUMINAIRE.

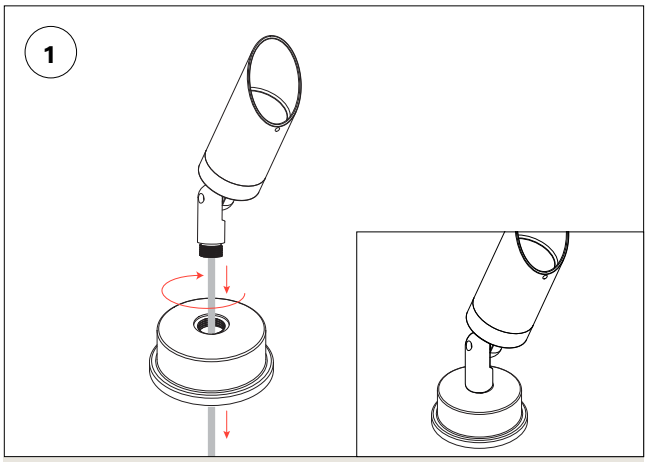
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DIRECT BURIAL

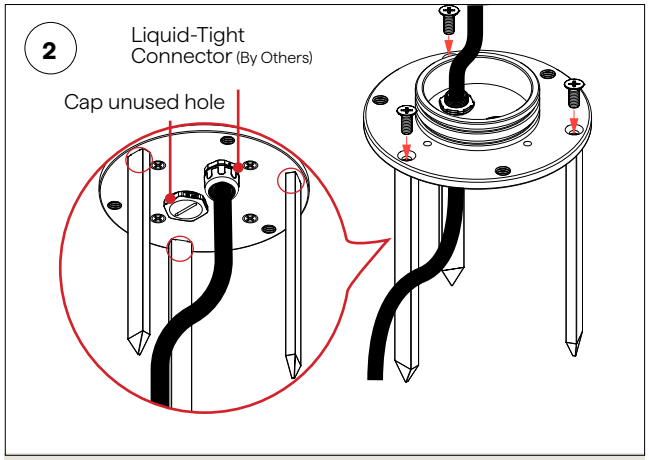
Landscape Lighting Installation Instructions

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

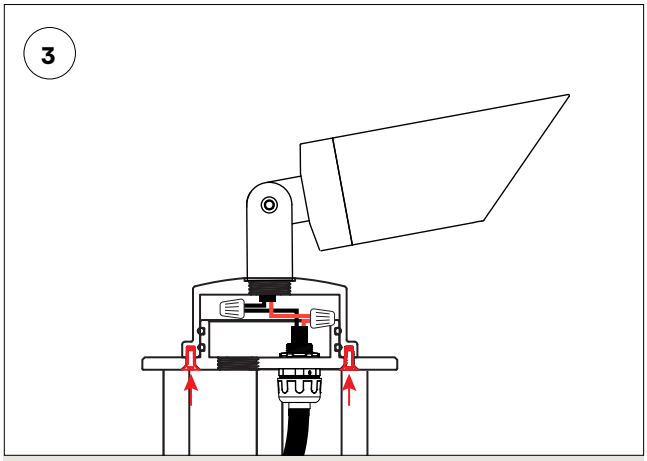




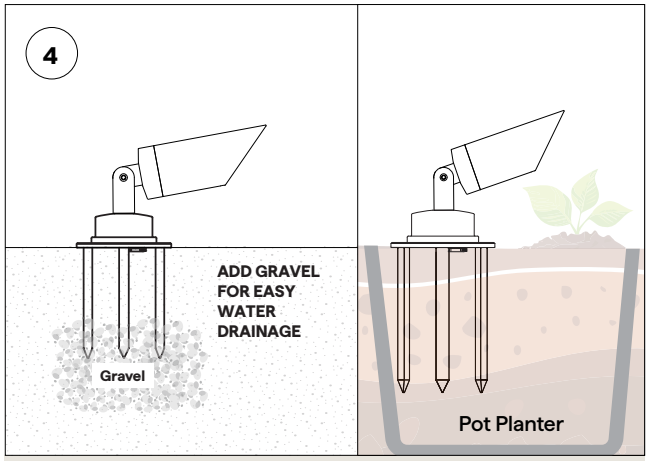
- Feed the fixture lead wire down through the canopy, then thread the fixture stem into the canopy opening and rotate until fully seated.



- 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.

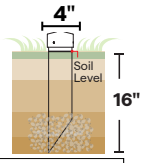
DO NOT COVER THE LUMINAIRE.

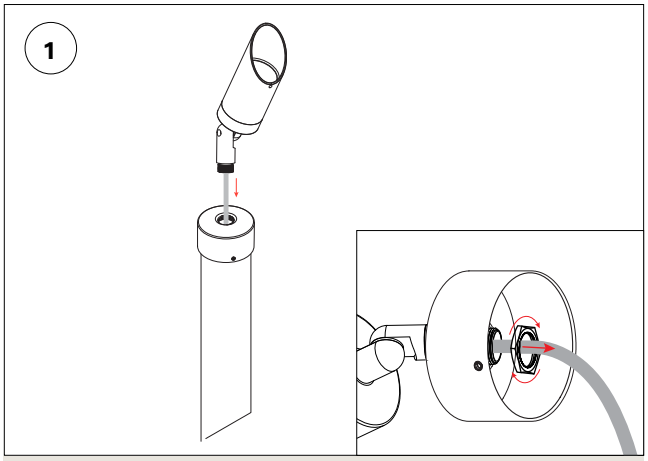
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DIRECT BURIAL

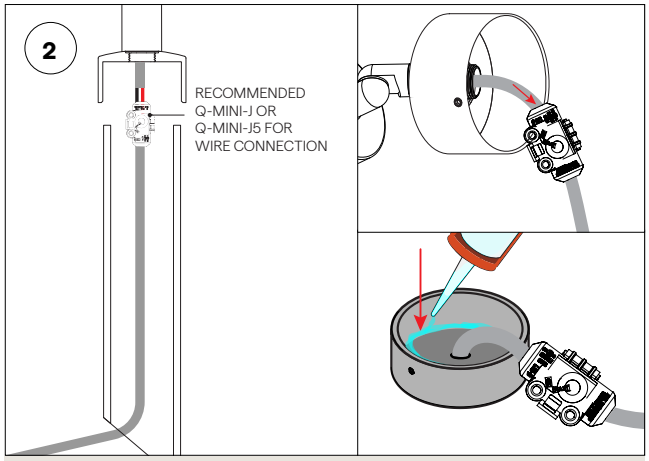
Landscape Lighting Installation Instructions

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

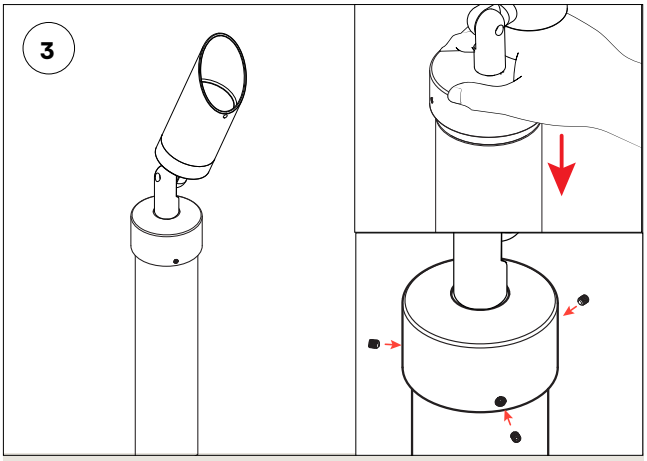




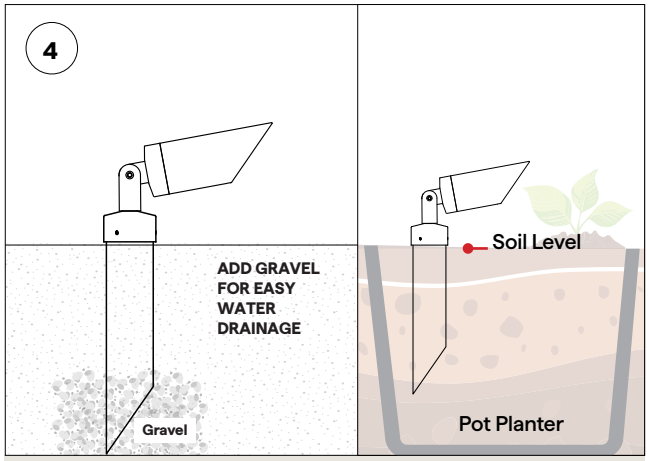
- Feed the fixture lead wire down through the canopy, then thread the fixture stem into the canopy opening and rotate until fully seated.



- 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.

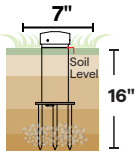
DO NOT COVER THE LUMINAIRE.

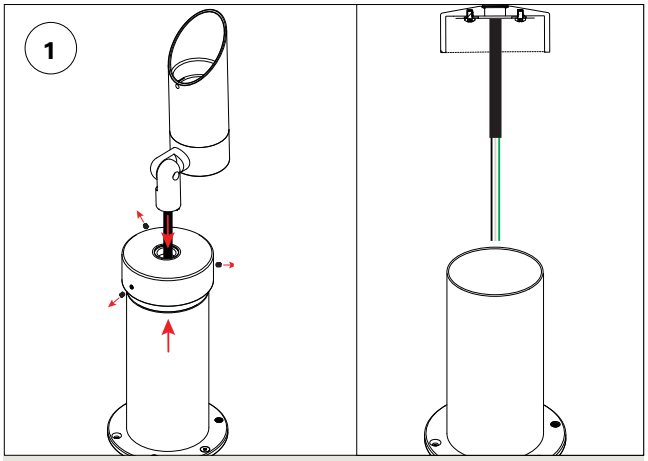
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DIRECT BURIAL

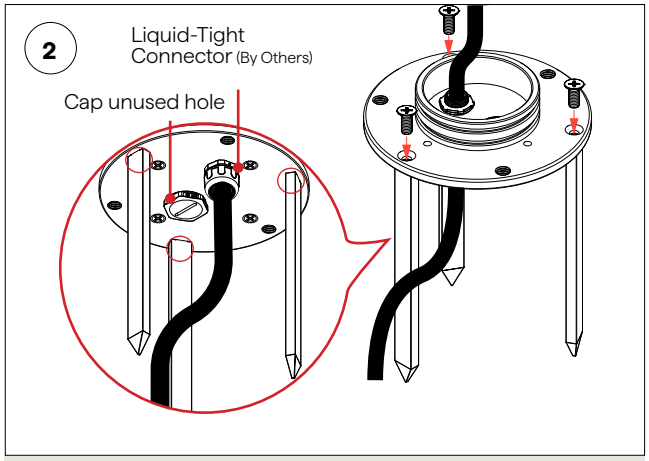
Landscape Lighting Installation Instructions

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

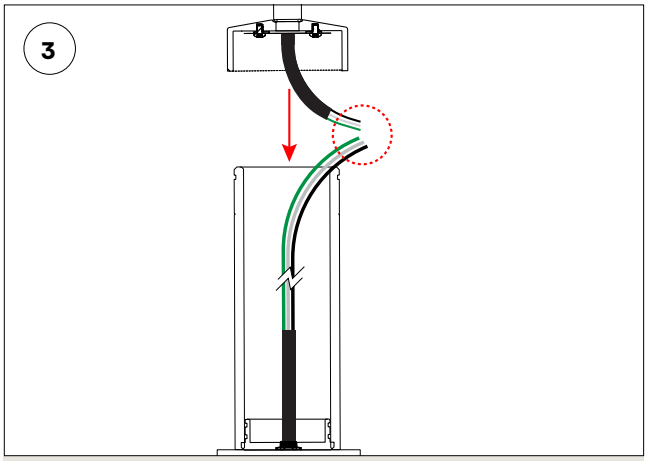




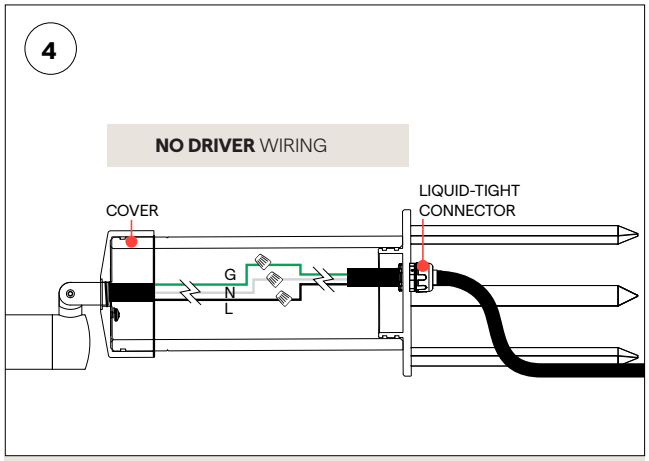
- Remove the set screws, then remove the top cap.
- Install fixture onto canopy.
- Feed the fixture lead wire down through the canopy then thread the fixture into the canopy opening and rotate until fully seated.



- 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.



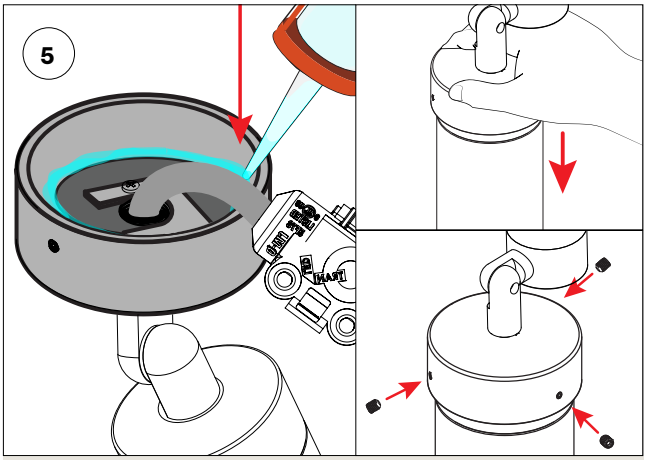
- For ease of splicing, pull the line-voltage wire out of the tube to splice it to the fixture wire using wire nuts (by others) follow luminaire wiring instructions.



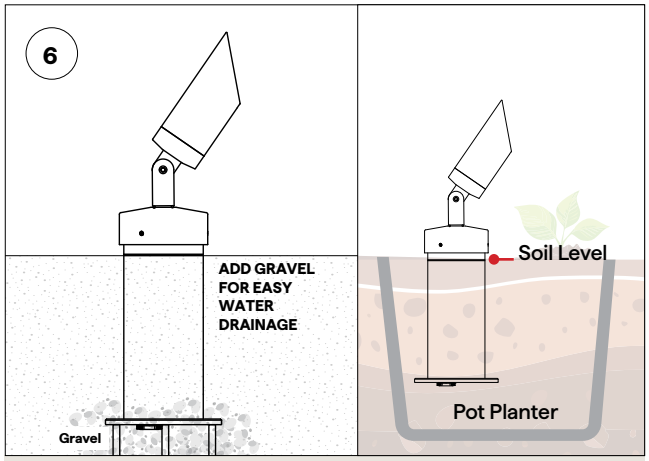
- Visual representation of complete wiring.
- Follow the wiring diagram in the luminaire instructions.

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MOUNTING METHOD: **DIRECT BURIAL - NO DRIVER**
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.

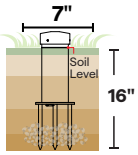


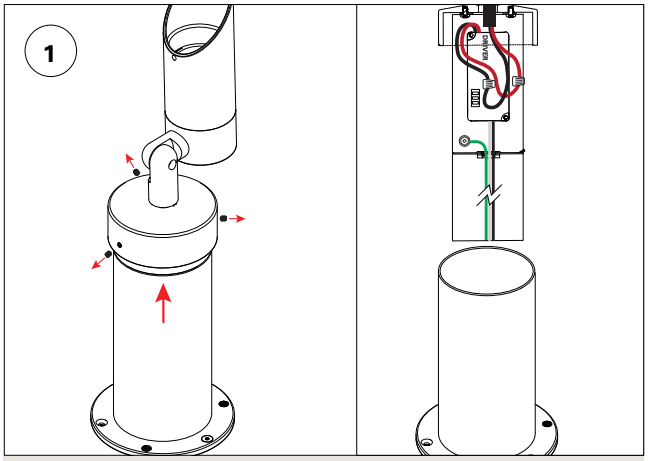
- Add gravel for easy drainage then backfill hole with soil as shown.

DO NOT COVER THE LUMINAIRE.

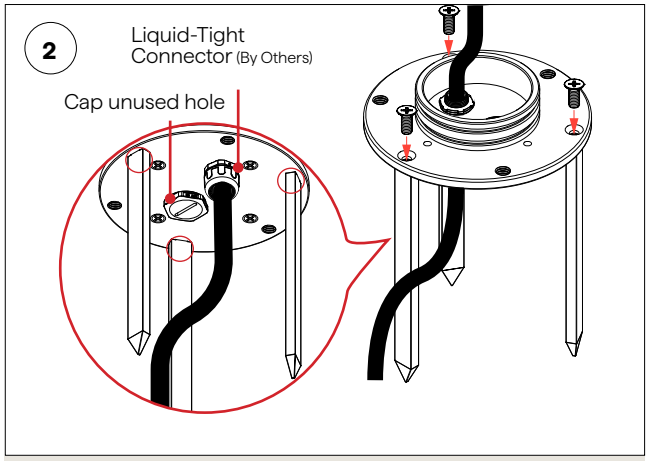
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MOUNTING METHOD: **DIRECT BURIAL - WITH DRIVER**
Q-MT-48

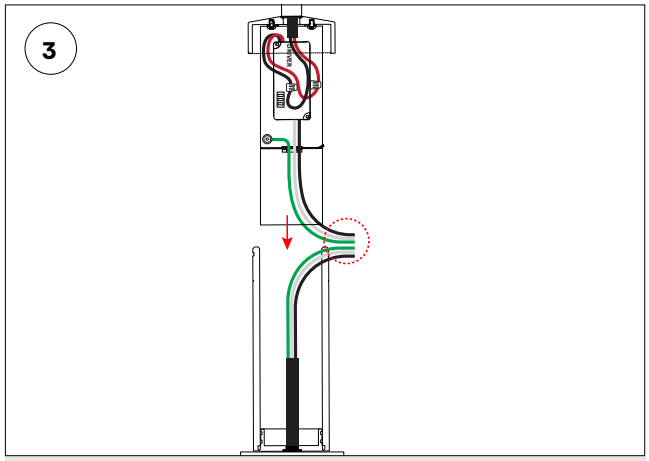




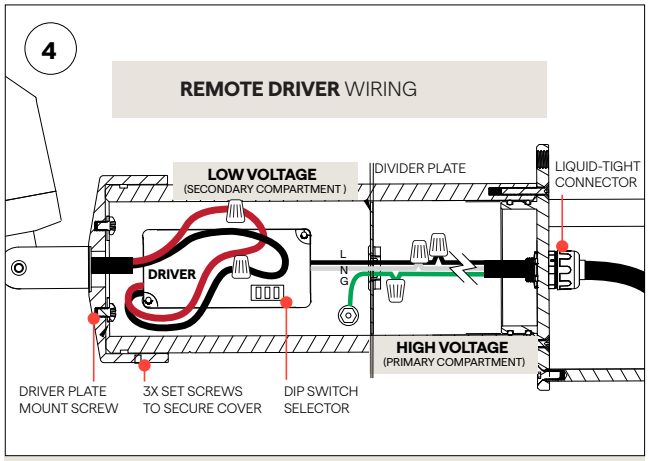
- Remove the set screws, then remove the top cap along with driver attached.



- 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.



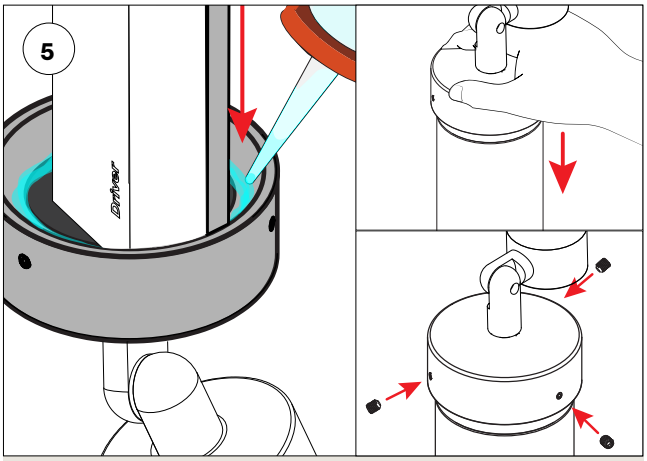
- For ease of splicing, pull the line-voltage wire out of the tube and splice it to the fixture wire using wire nuts (by others) follow luminaire wiring instructions.



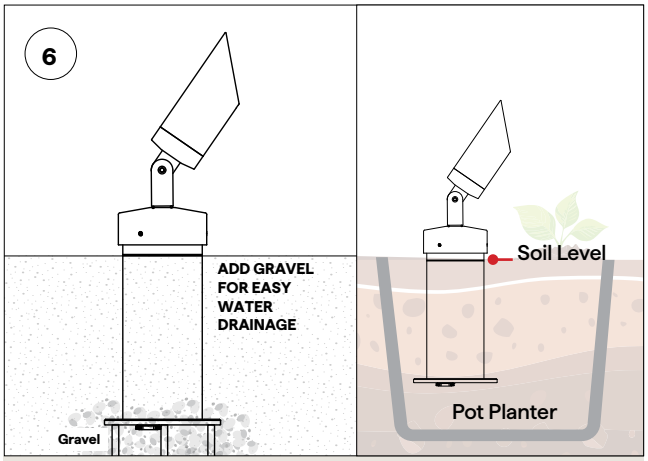
- Visual representation of complete wiring.
- Follow the wiring diagram in the luminaire instructions.

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MOUNTING METHOD: **DIRECT BURIAL - WITH DRIVER**
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.

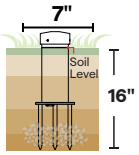


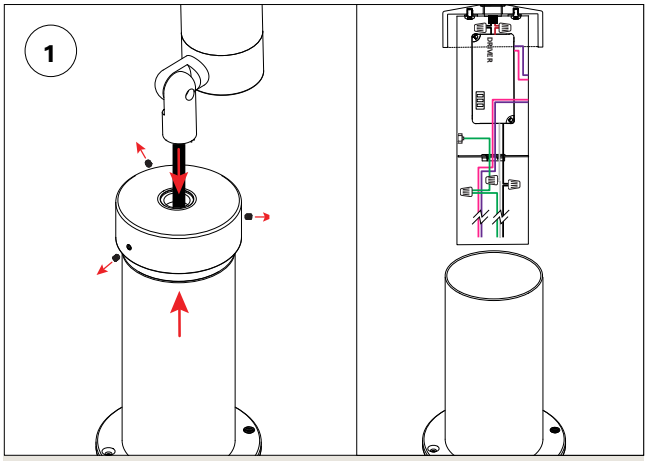
- Add gravel for easy drainage then backfill hole with soil as shown.

DO NOT COVER THE LUMINAIRE.

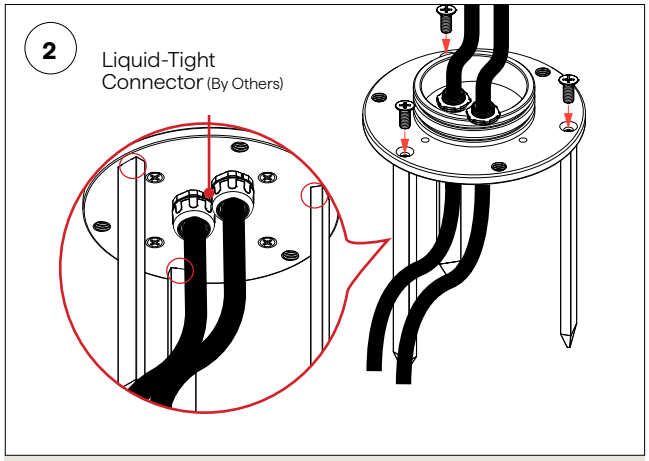
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MOUNTING METHOD: **DIRECT BURIAL - DRIVER WITH DIMMER**
Q-MT-48

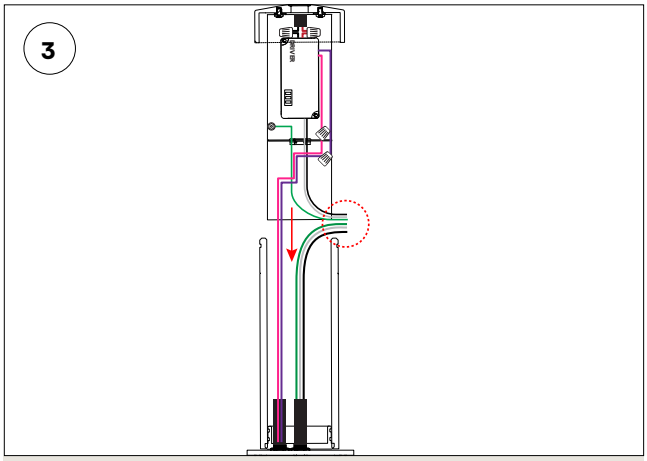




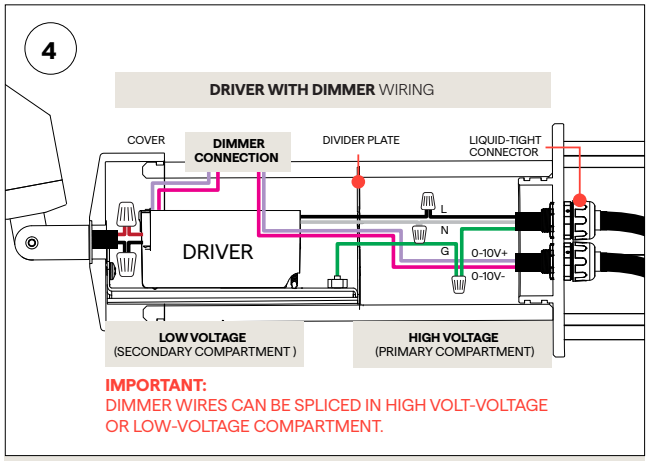
- Remove the set screws, then remove the top cap along with driver attached.



- 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.



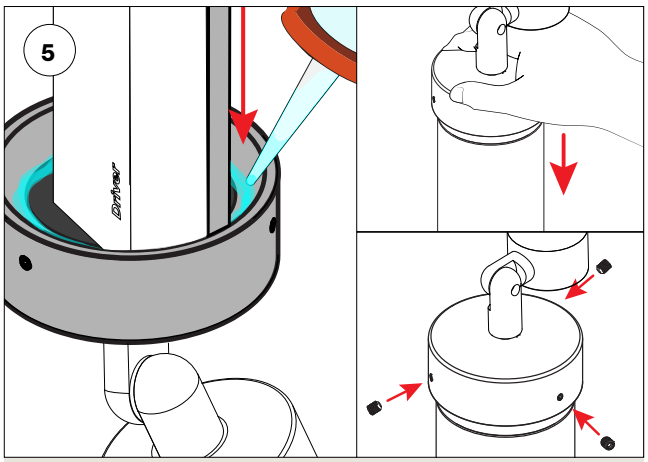
- For ease of splicing, pull the line-voltage wire out of the tube and splice it to the fixture wire using wire nuts (by others) follow luminaire wiring instructions.



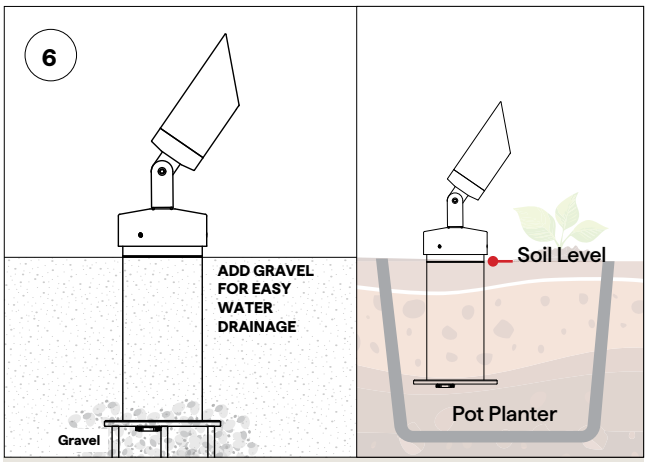
- Visual representation of complete wiring.
- Follow the wiring diagram in the luminaire instructions.

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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.

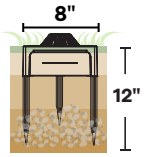
DO NOT COVER THE LUMINAIRE.

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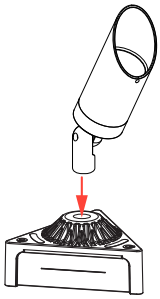
DIRECT BURIAL

Landscape Lighting Installation Instructions

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



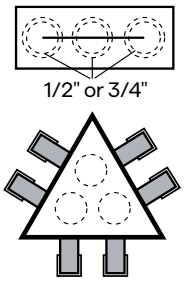
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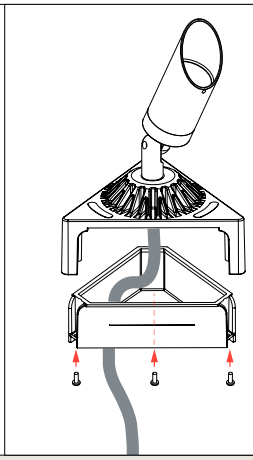


- Remove the cap to expose the 1/2" NPT threads and center knockout (KO), then install the fixture.

IMPORTANT
SQUEEZE SILICONE INTO THE THREADS
BEFORE MOUNTING FIXTURE

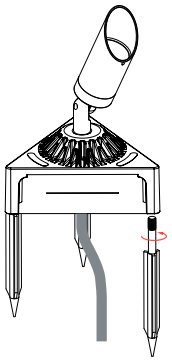
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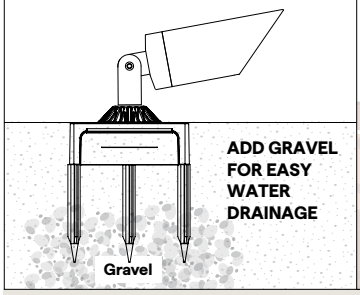
- Complete the wiring and power connection, then secure the bottom of the Q-TRIX unit with the three (3) supplied screws.

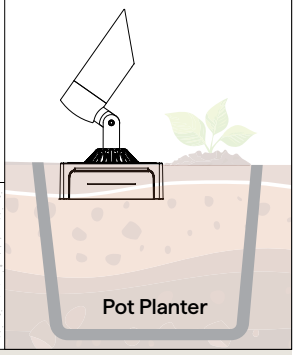
3



- 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.

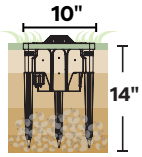
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DIRECT BURIAL

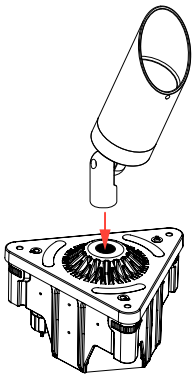
Landscape Lighting Installation Instructions

MOUNTING METHOD: **DIRECT BURIAL - Q-TRIX WITH DRIVER**

Q-TRIX-R50



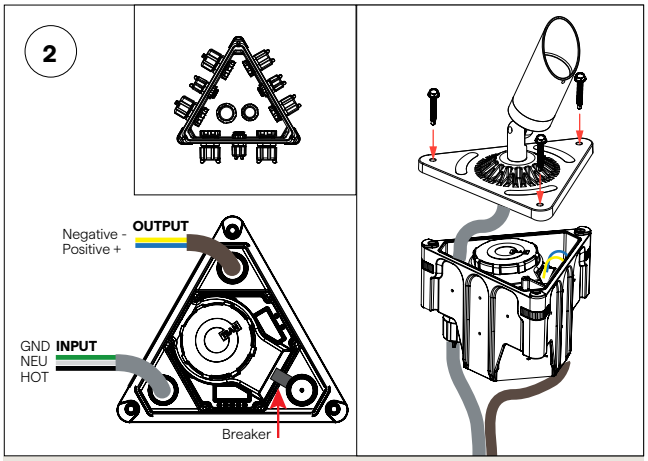
1



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

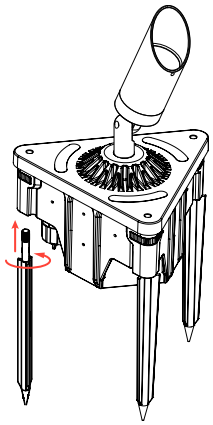
IMPORTANT
SQUEEZE SILICONE INTO THE THREADS
BEFORE MOUNTING FIXTURE

2



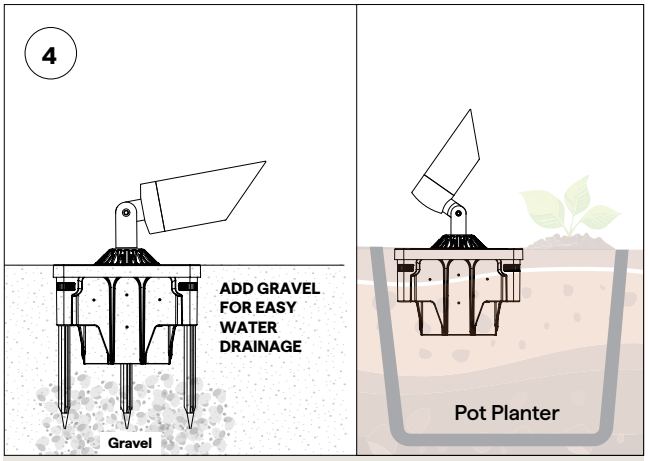
- Complete the wiring and power connection, then secure the bottom of the Q-TRIX unit with the three (3) supplied screws.

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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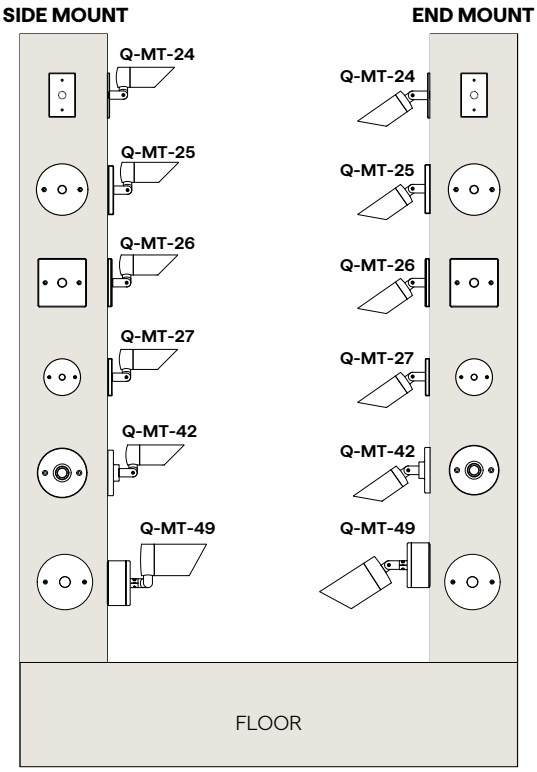
SURFACE & RECESSED J-BOX

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.
- Apply silicone around the edge of the canopy for additional water protection.
- Ensure the J-BOX is flush and securely fastened before mounting the canopy.
- J-BOX, conduit, and connectors are supplied by the installer — not included.
- RISK OF FIRE OR INJURY / SAVE THESE INSTRUCTIONS
- Install per NEC and local codes.

METHODS OF INSTALLATION



- LUMINAIRE & MOUNT COMPATIBILITY (PAGE 2)
- COMPONENTS & HARDWARE (PAGE 3)
- SURFACE/WALL J-BOX - NO DRIVER (PAGE 4)
- RECESSED J-BOX - NO DRIVER (PAGE 5)
- RECESSED J-BOX - 120V DRIVER (PAGE 6)

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SURFACE & RECESSED J-BOX

Landscape Lighting Installation Instructions

LUMINAIRE & MOUNT COMPATIBILITY

	Q-MT-24	Q-MT-25	Q-MT-26	Q-MT-27	Q-MT-42	Q-MT-49BF No Driver	Q-MT-49BF With Driver	Q-MT-49SF No Driver	Q-MT-49SF With Driver
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 DL-6		✓		✓					
Excelsior DL-7		✓		✓					
Excelsior DL-8		✓		✓					
Excelsior DL-10		✓		✓					
Excelsior DL-10L		✓		✓					
Excelsior DL-11		✓		✓					
Excelsior DL-11L		✓		✓					
Excelsior DL-12		✓		✓					
Excelsior DL-12L		✓		✓					
Excelsior DL-13		✓		✓					
Excelsior DL-13L		✓		✓					
Excelsior DL-14		✓		✓					
Excelsior DL-14L		✓		✓					
Excelsior DL-28	✓	✓	✓	✓					
Excelsior DL-29	✓	✓	✓	✓					
Excelsior DL-30	✓	✓	✓	✓					
Excelsior UL-28		✓	✓	✓					
Excelsior UL-29		✓	✓	✓					
Excelsior UL-30		✓	✓	✓					
Excelsior WA-1		✓	✓	✓					
Excelsior WA-1L		✓	✓	✓					
Excelsior WA-2		✓	✓	✓					
Excelsior WA-2L		✓	✓	✓					
Excelsior WA-4		✓	✓	✓					
Excelsior WA-4L		✓	✓	✓					
Excelsior WA-5		✓	✓	✓					
Excelsior WA-5L		✓	✓	✓					
Excelsior WA-6		✓	✓	✓					
Excelsior WA-6L		✓	✓	✓					
Excelsior WA-23		✓	✓	✓					
Excelsior WA-24		✓	✓	✓					
Excelsior WA-25		✓	✓	✓					
Excelsior WA-26		✓	✓	✓					
Excelsior WA-27		✓	✓	✓					
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Excelsior WA-7		✓	✓	✓					
Excelsior WA-7L		✓	✓	✓					
Excelsior WA-8		✓	✓	✓					
Excelsior WA-8L		✓	✓	✓					
Excelsior WA-10		✓	✓	✓					
Excelsior WA-10L		✓	✓	✓					
Excelsior WA-12		✓	✓	✓					
Excelsior WA-12L		✓	✓	✓					
Excelsior WA-29		✓	✓	✓					
Excelsior WA-30		✓	✓	✓					
Excelsior WA-31		✓	✓	✓					
Excelsior WA-38		✓	✓	✓					
Excelsior WA-39		✓	✓	✓					
Excelsior WA-40		✓	✓	✓					

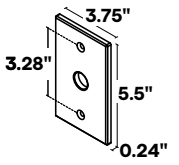
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SURFACE & RECESSED J-BOX

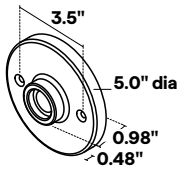
Landscape Lighting Installation Instructions

SURFACE/WALL J-BOX PLATES

Q-MT-24

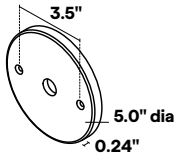


Q-MT-42

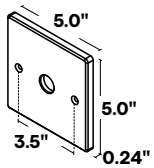


RECESSED J-BOX PLATES

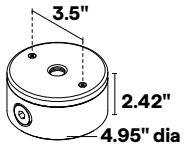
Q-MT-25



Q-MT-26

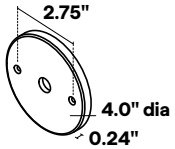


Q-MT-49

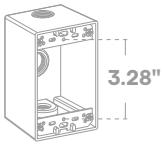


With Water Protection

Q-MT-27

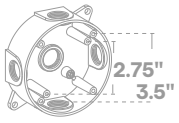


RECOMMENDED JUNCTION BOXES (BY OTHERS)



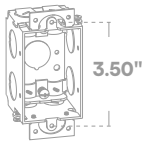
6-32x1.25"

SINGLE GANG
WEATHERPROOF J-BOX



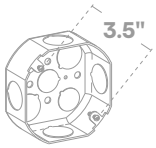
10-24x 1.25"

4/O
WEATHERPROOF J-BOX



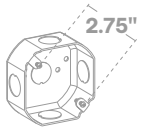
6-32×1.25"

SINGLE GANG
RECESSED J-BOX



8-32x1.25"

4/O
RECESSED J-BOX

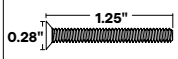


8-32x1.25"

3/O
RECESSED J-BOX

COMPONENTS & HARDWARE

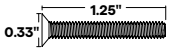
PROVIDED HARDWARE



#PN	QTY
Q-MT-24	2
Q-MT-49	2

6-32x1.25"

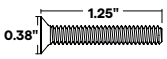
FLAT HEAD SCREW



#PN	QTY
Q-MT-25	2
Q-MT-26	2
Q-MT-27	2

8-32x1.25"

FLAT HEAD SCREW



#PN	QTY
Q-MT-42	2

10-24x 1.25"

FLAT HEAD SCREW



#PN	QTY
Q-MT-42	1

10-32x3/16"

SET SCREW

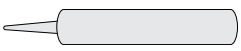
SUGGESTED TOOLS/MATERIALS



#PN	QTY
Q-MT-24	1
Q-MT-25	1
Q-MT-26	1
Q-MT-27	1

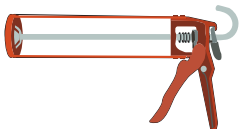
1/2-14 NPS HEX NUT

HEX NUT / JAM NUT



Waterproof Silicone

ALL PURPOSE SILICONE



CAULKING GUN

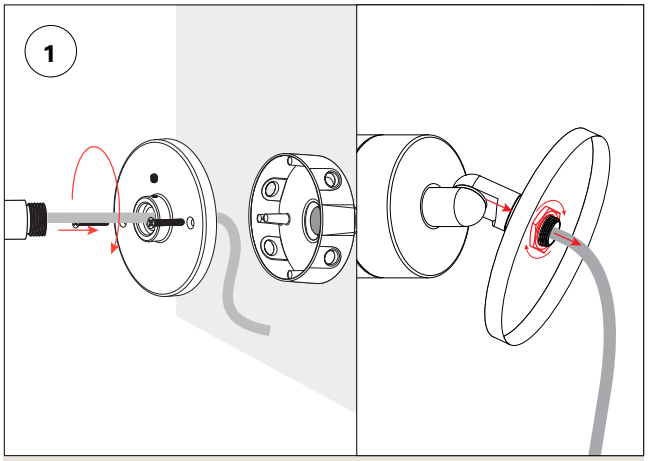
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SURFACE & RECESSED J-BOX

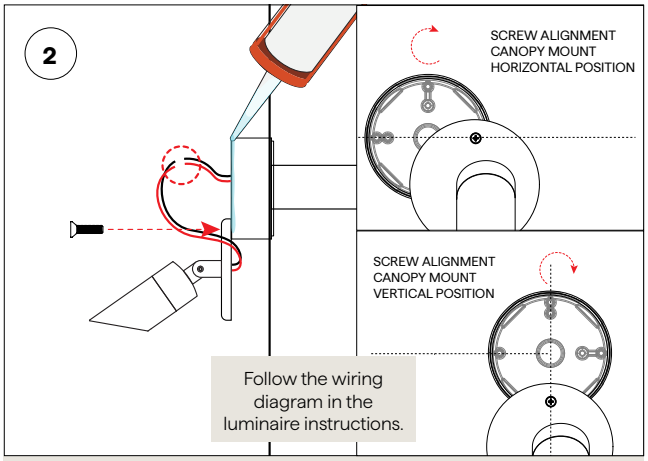
Landscape Lighting Installation Instructions

MOUNTING METHOD: **SURFACE/WALL J-BOX - NO DRIVER**

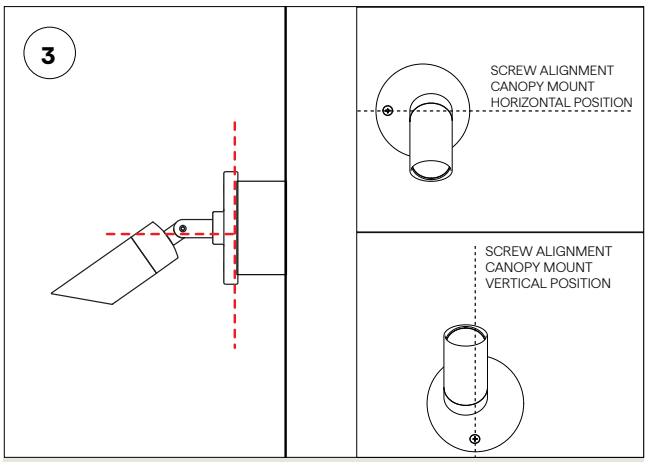
Q-MT-24, Q-MT-42



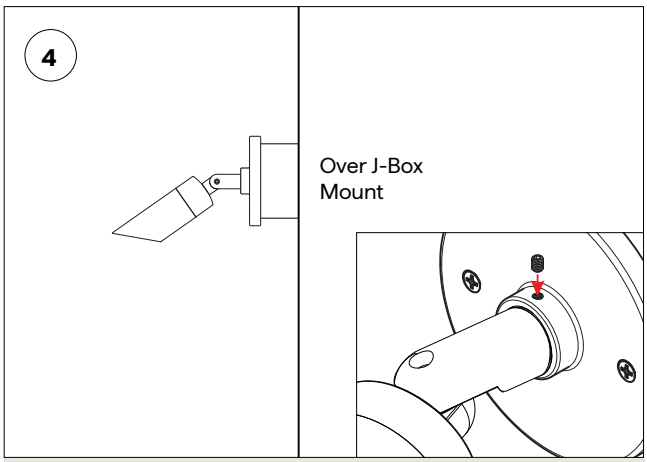
- Prepare the J-BOX by removing knockouts for wire entry
- Install the surface-mount J-BOX on the wall following the manufacturer's instructions.
- Bring the power supply wires through the J-BOX connectors.
- Q-MT-42: Install the fixture onto the canopy and screw it on until seated.
- Q-MT-24: Install the fixture onto the canopy and secure it with the provided jam nut.



- Mount one side of the canopy with the provided screws.
- Cut the wires to length as needed and splice the fixture and J-BOX wires together.
- Add a bead of silicone around the trim of the J-BOX for additional water protection as needed.



- Tuck the excess wires into the J-BOX, rotate the canopy into position, and install the provided screw into the J-BOX.

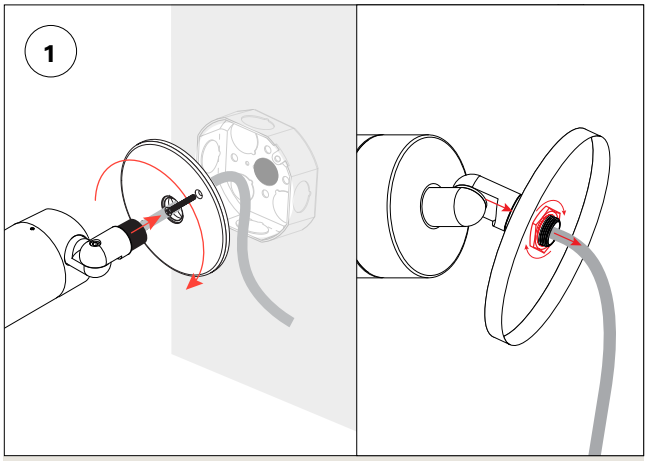


- Q-MT-42: The fixture can be rotationally adjusted slightly with the provided set screw on the canopy. Other canopies do not have this feature.
- Installation complete.

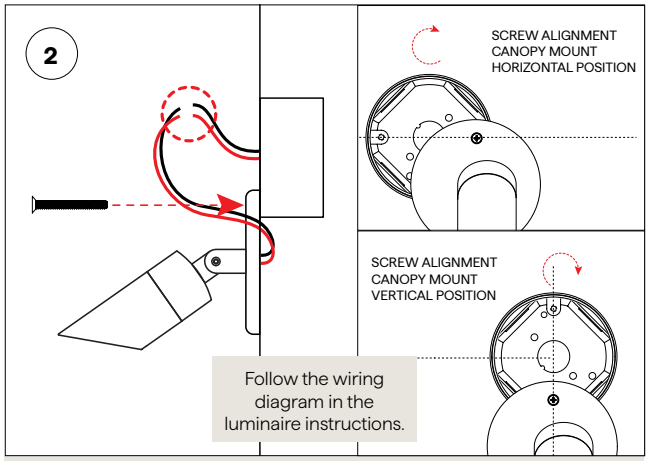
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MOUNTING METHOD: **RECESSED J-BOX - NO DRIVER**

Q-MT-25, Q-MT-26, Q-MT-27, Q-MT-49BF

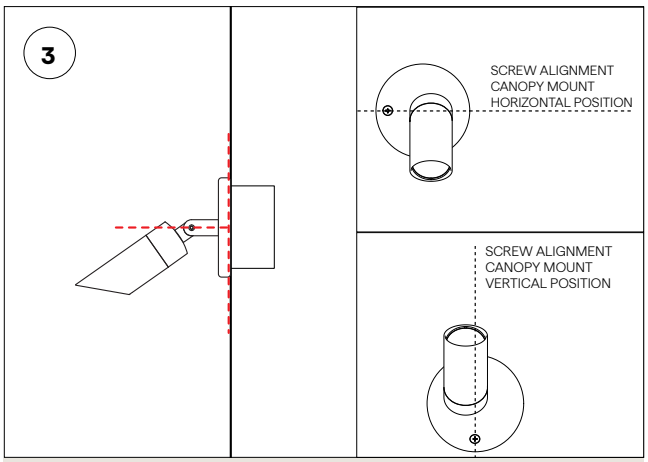


- Prepare the J-BOX by removing knockouts for wire entry.
- Install the recessed J-BOX behind the surface following the manufacturer's instructions.
- Bring the power supply wires through the J-BOX connectors.
- Q-MT-49: Install the fixture onto the canopy and screw it on until seated.
- Q-MT-25, Q-MT-26, Q-MT-27: Install the fixture onto the canopy and secure it with the provided jam nut.

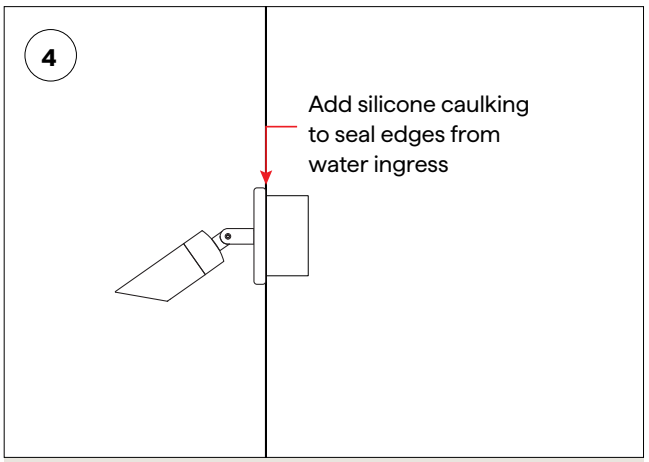


- Mount one side of the canopy with the provided screws.
- Cut the wires to length as needed and splice the fixture and J-BOX wires together.

NOTE: *The canopy must completely cover the J-BOX and the excess hole cutout. Mounting screws are not provided. Secure the Q-MT-49 base using #10 mounting screws (by others).*



- Tuck the excess wires into the J-BOX, rotate the canopy into position, and install the provided screw into the J-BOX.



- Add additional silicone caulking for extra protection against water ingress.
- Installation complete.

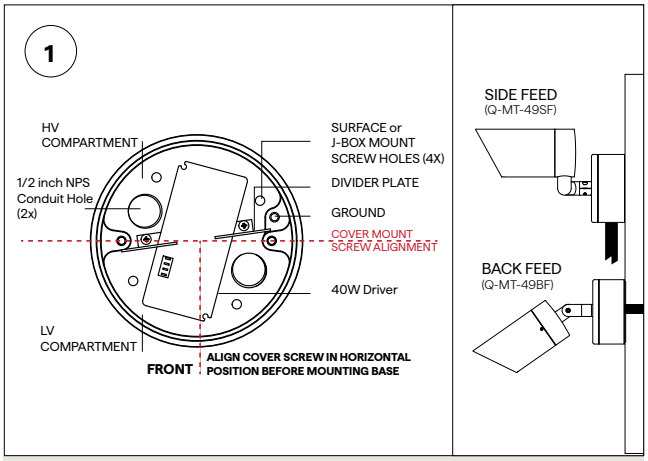
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SURFACE & RECESSED J-BOX

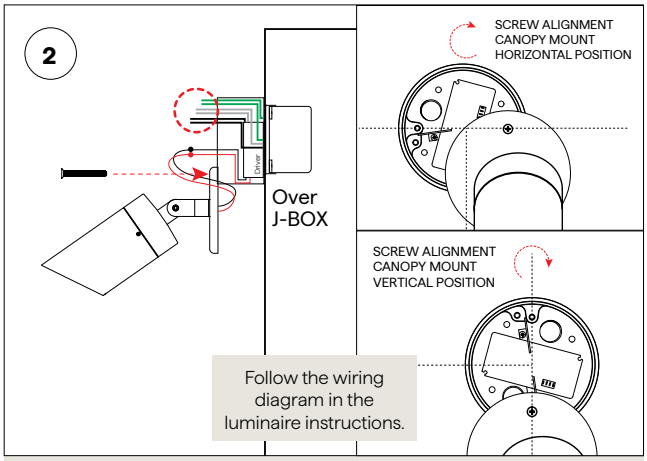
Landscape Lighting Installation Instructions

MOUNTING METHOD: **RECESSED J-BOX - 120V DRIVER**

Q-MT-49BF, Q-MT-49SF

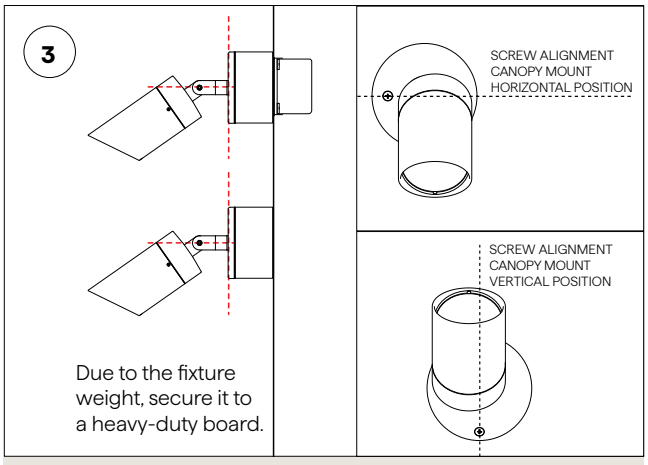


- Prepare the J-BOX by removing knockouts for wire entry.
- Install the recessed J-BOX behind the surface following the manufacturer's instructions.
- Bring the power supply wires through the J-BOX connectors.

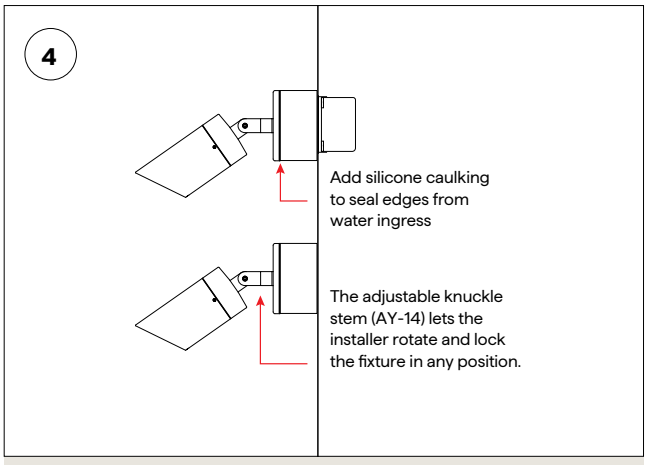


- Remove one canopy screw and rotate the canopy to access the wire compartment.
- Mount the VOYA 3.5" base (Q-MT-49) to the recessed J-BOX using the manufacturer's suggested hardware.
- Cut the wires to length as needed and splice the fixture and power supply / dimming wires together. (Reference the VOYA 3.5" COB luminaire instructions for the specific wiring diagram.)

NOTE: *The canopy must completely cover the J-BOX and the excess hole cutout. Mounting screws are not provided. Secure the Q-MT-49 base using #10 mounting screws (by others).*



- Tuck the excess wires into the Q-MT-49 base, rotate the canopy back into position, and secure it with the provided screw.



- Add additional silicone caulking for extra protection against water ingress.
- Installation complete.

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SURFACE/WALL

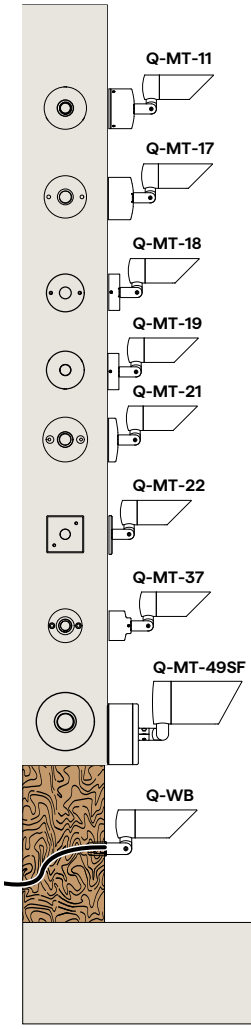
Landscape Lighting Installation Instructions

⚠ ATTENTION: Please read all instructions BEFORE installation

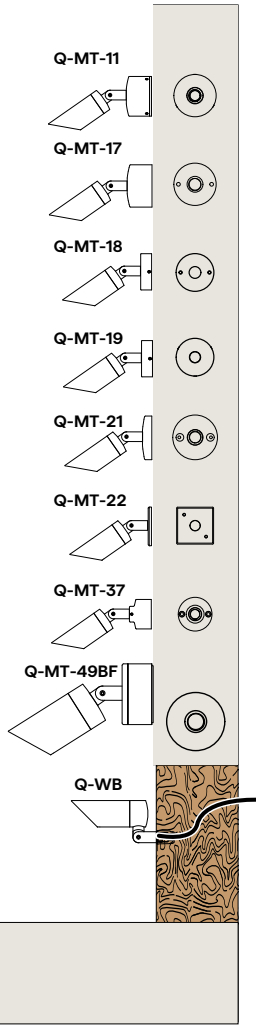
- Product must be installed by a licensed electrician. Field modifications void the warranty.
- Warranty is valid only with QTL power supplies.
- Diagrams are for representation only and are not to scale.
- Apply silicone around the edge of the canopy for additional water protection.
- Ensure the mounting surface is plumb and can support the fixture weight.
- Use the appropriate wire gauge for the run length.
- Use a liquid-tight connector for 120V wire entry.
- RISK OF FIRE OR INJURY / SAVE THESE INSTRUCTIONS
- Install per NEC and local codes.

METHODS OF INSTALLATION

SIDE MOUNT



END MOUNT



- LUMINAIRE & MOUNT COMPATIBILITY (PAGE 2)
- COMPONENTS & HARDWARE (PAGE 3)
- SURFACE/WALL - NO DRIVER (PAGE 4-5)
- SURFACE/WALL - WITH DRIVER (PAGE 6)
- WOOD BEAM (PAGE 7)

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LUMINAIRE & MOUNT COMPATIBILITY

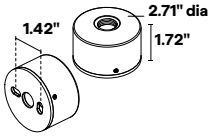
	Q-MT-11	Q-MT-17	Q-MT-18	Q-MT-19	Q-MT-21	Q-MT-22	Q-MT-37	Q-MT-49BF No Driver	Q-MT-49BF With Driver	Q-MT-49SF No Driver	Q-MT-49SF With Driver	Q-WB
VOYA-EM-1.75-MR11-12VAC	✓	✓	✓	✓	✓	✓	✓					✓
VOYA-EM/SM-2.5	✓	✓	✓	✓	✓	✓	✓					✓
VOYA-EM/SM-3.0-PAR20/GU10								✓		✓		
VOYA-EM/SM-3.5-COB-120VAC									✓		✓	
Excelsior DL-6	✓				✓							
Excelsior DL-7	✓				✓							
Excelsior DL-8	✓				✓							
Excelsior DL-10	✓				✓							
Excelsior DL-10L	✓				✓							
Excelsior DL-11	✓				✓							
Excelsior DL-11L	✓				✓							
Excelsior DL-12	✓				✓							
Excelsior DL-12L	✓				✓							
Excelsior DL-13	✓				✓							
Excelsior DL-13L	✓				✓							
Excelsior DL-14	✓				✓							
Excelsior DL-14L	✓				✓							

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SURFACE/WALL

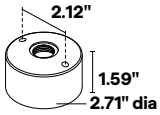
Landscape Lighting Installation Instructions

Q-MT-11

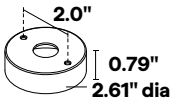


With Water Protection

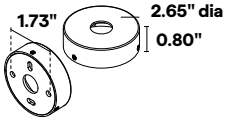
Q-MT-17



Q-MT-18

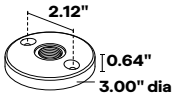


Q-MT-19

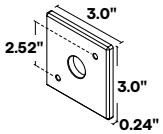


With Water Protection

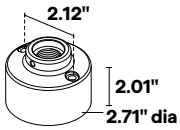
Q-MT-21



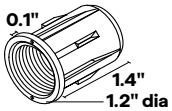
Q-MT-22



Q-MT-37

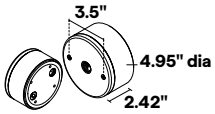


Q-WB



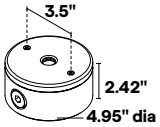
Wood Beam Mount

Q-MT-49BF



With Water Protection

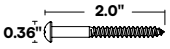
Q-MT-49SF



With Water Protection

COMPONENTS & HARDWARE

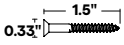
PROVIDED HARDWARE



#PN	QTY
Q-MT-17	2
Q-MT-18	2

#10-3/16x2"

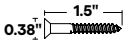
ROUND HEAD SCREW



#PN	QTY
Q-MT-21	2

#8-3/16x1.5"

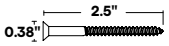
FLAT HEAD SCREW



#PN	QTY
Q-MT-22	2

#10-3/16x1.5"

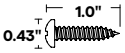
FLAT HEAD SCREW



#PN	QTY
Q-MT-37	2

#10-3/16x2.5"

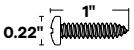
FLAT HEAD SCREW



#PN	QTY
Q-MT-11	2

#12-SS Round Head 1.0"

PHILLIPS ROUND HEAD SCREW



#PN	QTY
Q-MT-19	2

316 SS Round Head 1.0"

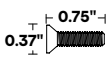
ROUND HEAD SCREW



#PN	QTY
Q-MT-11	3
Q-MT-19	3
Q-MT-37	1

10-32x3/16"

SET SCREW



#PN	QTY
Q-MT-49	2

10-32x3/4"

HEX FLAT HEAD SCREW



#PN	QTY
Q-MT-18	1
Q-MT-19	1
Q-MT-22	1

1/2-14 NPS HEX NUT

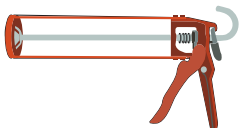
HEX NUT / JAM NUT

SUGGESTED TOOLS/MATERIALS



Waterproof Silicone

ALL PURPOSE SILICONE

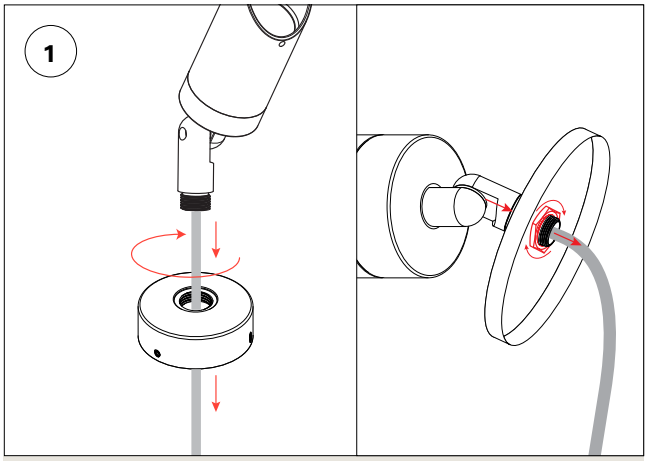


CAULKING GUN

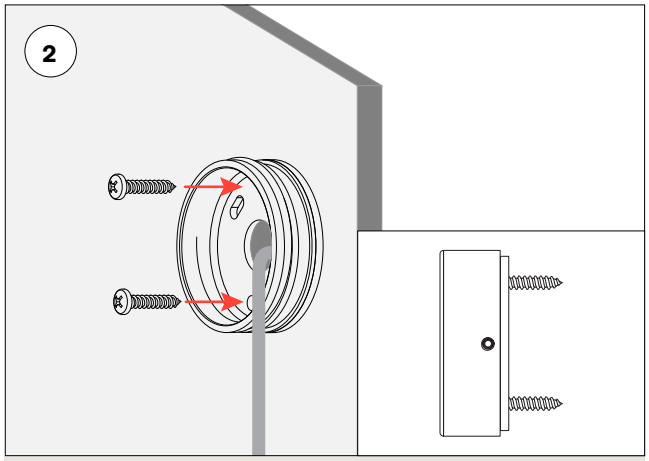
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MOUNTING METHOD: **SURFACE/WALL - NO DRIVER**

Q-MT-11, Q-MT-17, Q-MT-18, Q-MT-19, Q-MT-21, Q-MT-22, Q-MT-37

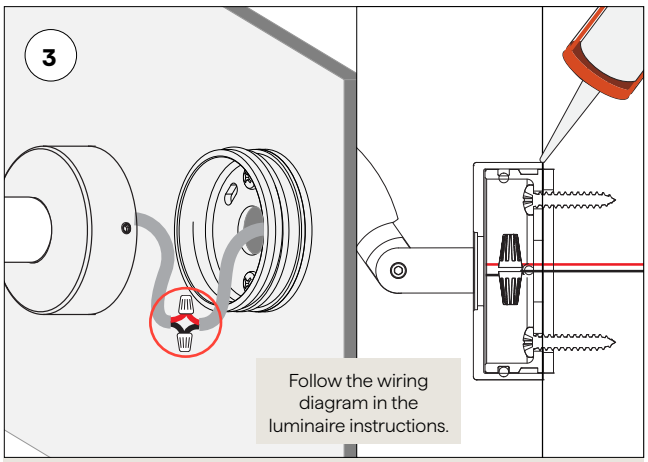


- Feed the fixture lead wire down through the canopy.
- Q-MT-11, Q-MT-17, Q-MT-21, Q-MT-37: Install the fixture onto the canopy and screw it on until seated.
- Q-MT-18, Q-MT-19, Q-MT-22: Install the fixture onto the canopy and secure it with the provided jam nut.



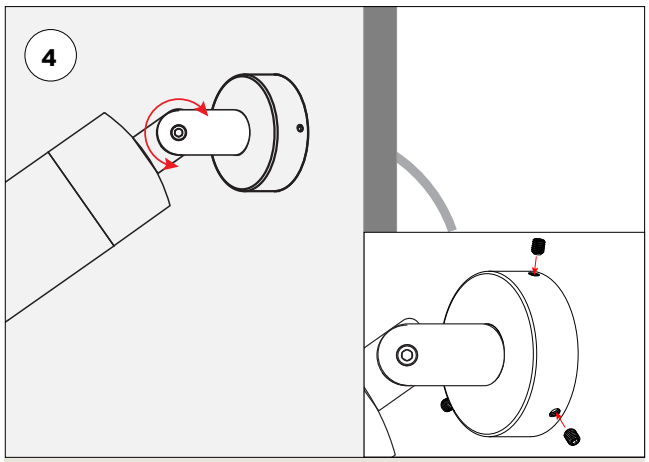
- Align the mounting screw holes in the vertical or horizontal position before mounting the base/canopy.
- Hold the base/canopy against the mounting surface and secure it with the two provided screws. Confirm the surface is level and can support the fixture weight.

NOTE: *Not all mounting methods include both a base and a canopy.*



- Cut the wires to length as needed and splice the fixture and line voltage / power supply wires together. (Reference the luminaire instructions for the specific wiring diagram.)

NOTE: *Silicone can be applied to the edge of the canopy before tightening the screws for additional water protection.*

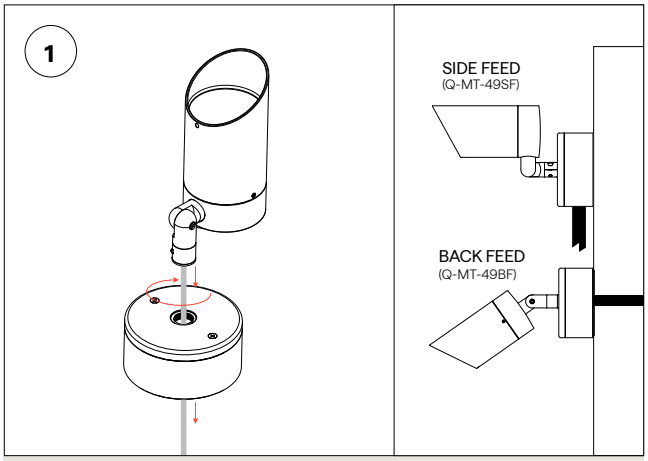


- Q-MT-37: The fixture can be rotationally adjusted slightly with the provided set screw on the canopy. Other canopies do not have this feature.
- Q-MT-11, Q-MT-19: Tighten the provided set screws to secure the fixture in place.
- Installation complete.

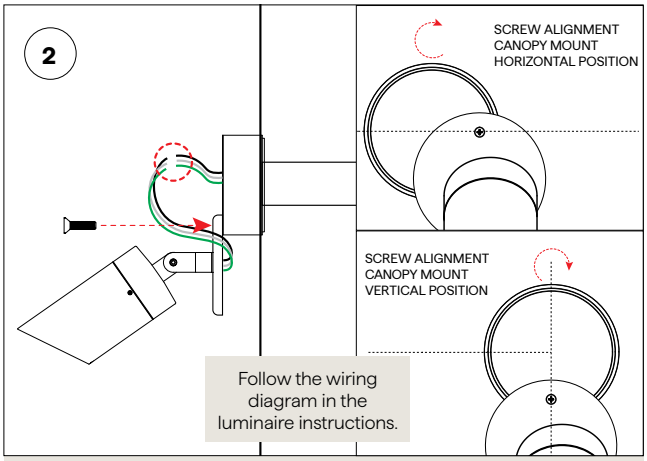
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MOUNTING METHOD: **SURFACE/WALL - NO DRIVER**

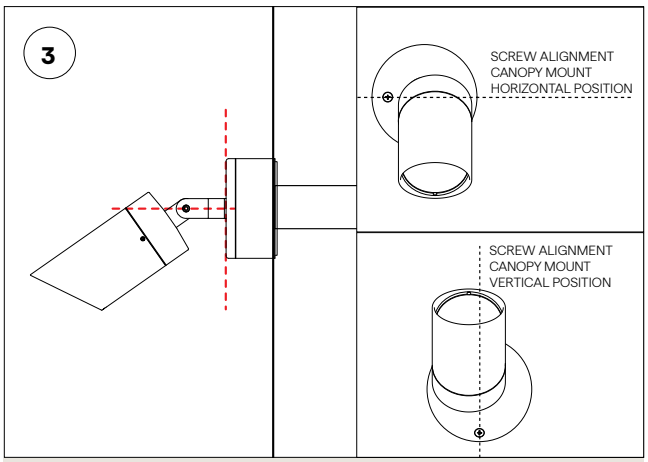
Q-MT-49BF, Q-MT-49SF



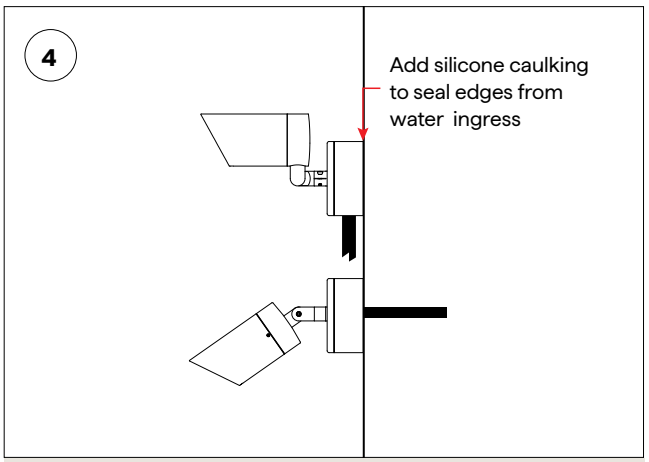
- Remove one canopy screw and rotate the canopy to access the wire compartment.
- Back feed (Q-MT-49BF): Feed the wire through the Q-MT-49 base knockout. Connect per NEC code.
- Side feed (Q-MT-49SF): Feed the wire through the Q-MT-49 base knockout. Connect per NEC code.
- Mount the Q-MT-49 base onto the surface using wood screws (by others). Confirm the surface is level and can support the fixture weight.



- Mount one side of the canopy with the provided screws.
- Cut the wires to length as needed and splice the fixture and line voltage wires together.



- Tuck the excess wires into the Q-MT-49 base, rotate the canopy back into position, and secure it with the provided screw.



- Add additional silicone caulking for extra protection against water ingress.
- Installation complete.

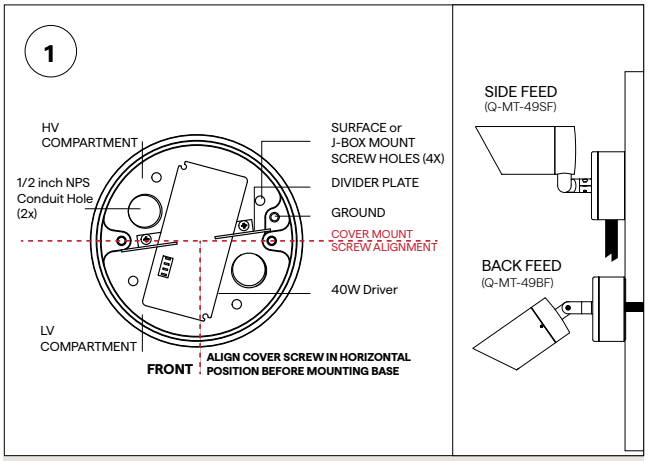
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SURFACE/WALL

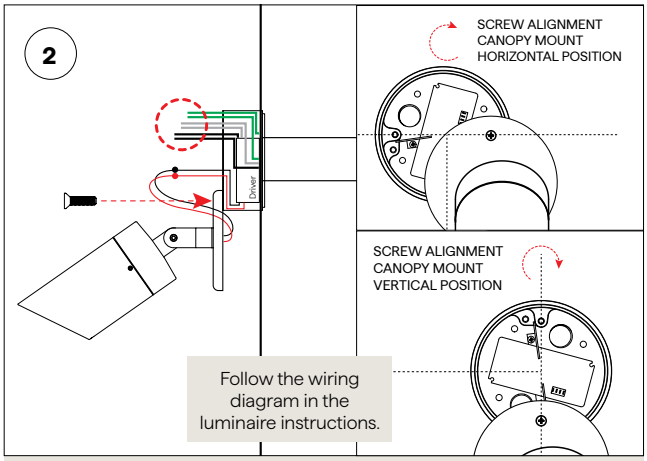
Landscape Lighting Installation Instructions

MOUNTING METHOD: **SURFACE/WALL - 120V DRIVER**

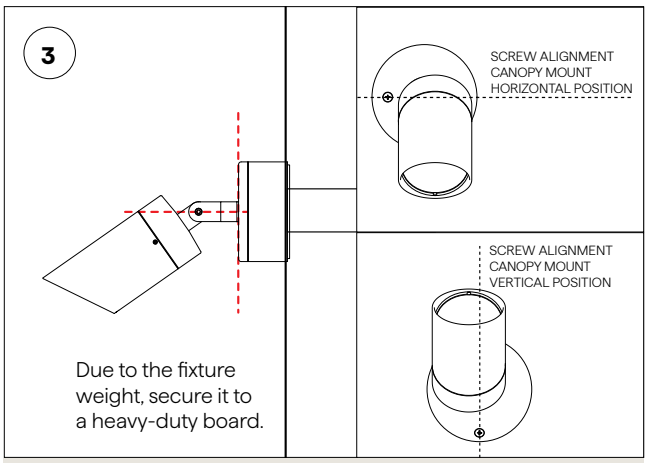
Q-MT-49BF, Q-MT-49SF



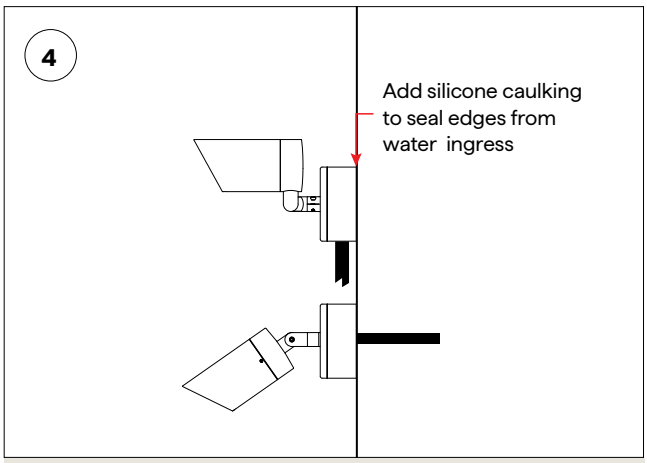
- Remove one canopy screw and rotate the canopy to access the wire compartment.
- Back feed (Q-MT-49BF): Feed the wire through the Q-MT-49 base knockout. Connect per NEC code.
- Side feed (Q-MT-49SF): Feed the wire through the Q-MT-49 base knockout. Connect per NEC code.
- Mount the Q-MT-49 base onto the surface using wood screws (by others). Confirm the surface is level and can support the fixture weight.



- Mount one side of the canopy with the provided screws.
- Cut the wires to length as needed and splice the fixture and power supply / dimming wires together. (Reference the VOYA 3.5" COB luminaire instructions for the specific wiring diagram.)



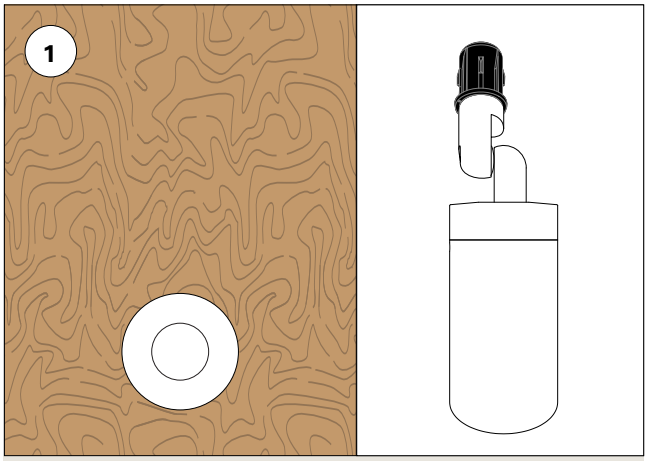
- Tuck the excess wires into the Q-MT-49 base, rotate the canopy back into position, and secure it with the provided screw.



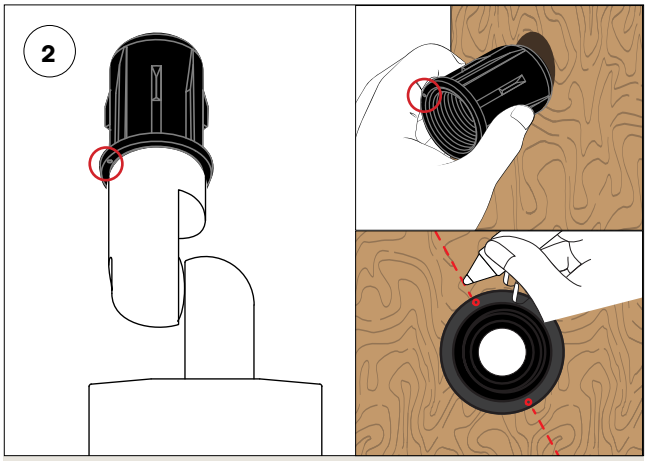
- Add additional silicone caulking for extra protection against water ingress.
- Installation complete.

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MOUNTING METHOD: **WOOD BEAM - NO DRIVER**
Q-WB

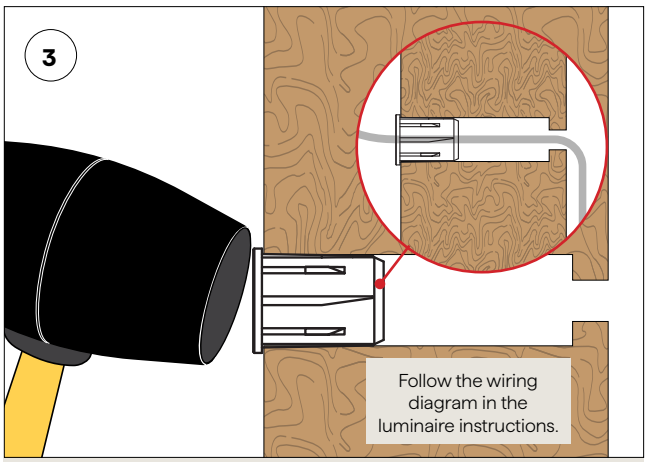


- Drill a 1" diameter hole, 3" deep. Then drill a wire access hole to route the fixture cable through the wood beam.
- Rotate the fixture into the Q-WB mount until fully seated.

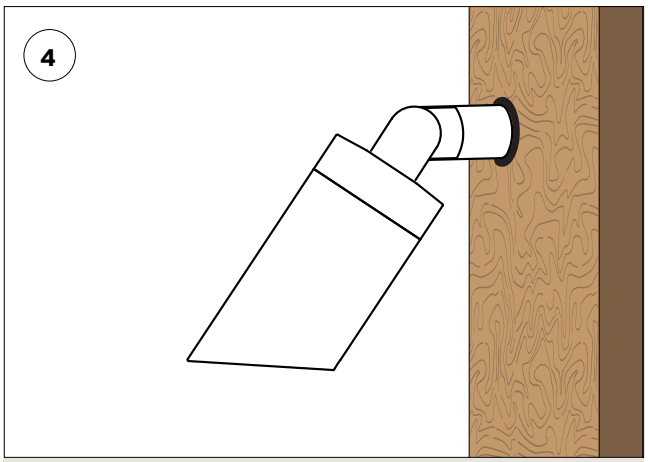


- Orient the fixture in the desired position, then use the indicator dots as reference markers to mark the final fixture position.
- Remove the fixture from the Q-WB mount then proceed to step 3.

NOTE: *The Q-WB mount can only be inserted once and cannot be adjusted afterward.*



- Ensure the indicator dots are aligned with the reference marks.
- Tap the Q-WB mount into the wood with a mallet until it is flush, as shown.
- Cut the wires to length as needed and splice the fixture and power supply wires together. (Reference the luminaire instructions for the specific wiring diagram.)



- Rotate the fixture into the Q-WB mount until fully seated.
- Installation complete.

NOTE: *The Q-WB mount can only be inserted once and cannot be adjusted afterward.*

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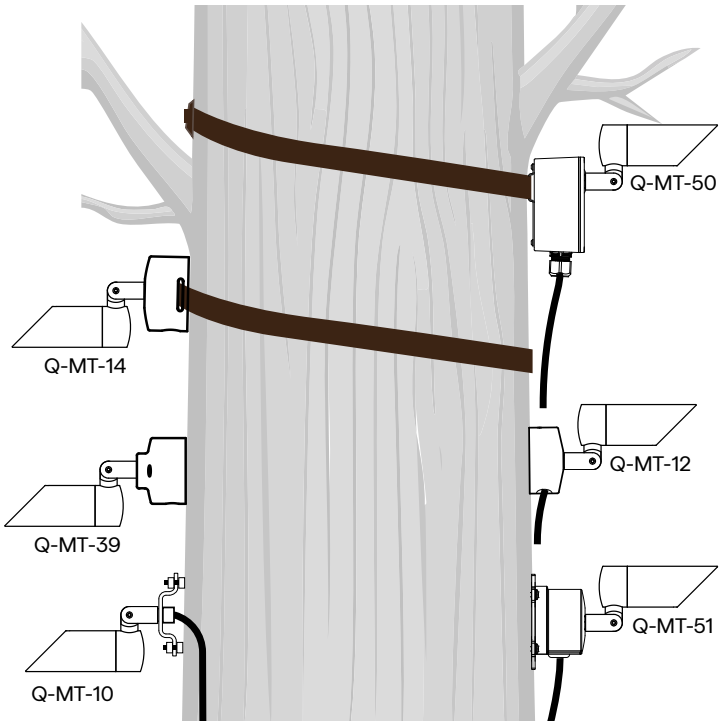
TREE MOUNT

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.
- Wrap the nylon ratchet strap around the tree. DO NOT OVERTIGHTEN — overtightening can damage the tree.
- Use the provided or recommended bolts to attach mounts to the tree.
- Use a liquid-tight connector for 120V wire entry.
- RISK OF FIRE OR INJURY / SAVE THESE INSTRUCTIONS
- Install per NEC and local codes.

METHODS OF INSTALLATION



- COMPONENTS & HARDWARE (PAGE 2)
- TREE MOUNT - NO DRIVER (PAGE 3-4)
- TREE MOUNT - 120V DRIVER (PAGE 5)

LUMINAIRE & MOUNT COMPATIBILITY

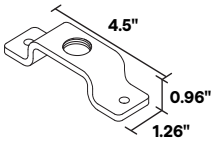
	Q-MT-10	Q-MT-12	Q-MT-14	Q-MT-39	Q-MT-50 No Driver	Q-MT-50 With Driver	Q-MT-51
VOYA-EM-1.75-MR11-12VAC	✓	✓	✓	✓	✓		✓
VOYA-EM/SM-2.5	✓	✓	✓	✓	✓		✓
VOYA-EM/SM-3.0-PAR20/GU10					✓		✓
VOYA-EM/SM-3.5-COB-120VAC						✓	

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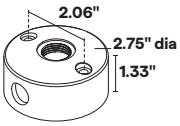
TREE MOUNT

Landscape Lighting Installation Instructions

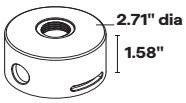
Q-MT-10



Q-MT-12

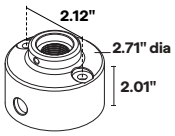


Q-MT-14

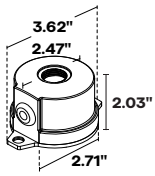


With Tree Strap

Q-MT-39

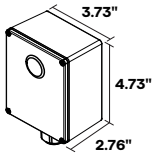


Q-MT-51



With Water Protection

Q-MT-50

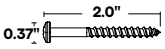


With Water Protection & Tree Strap

No Driver | With Driver

COMPONENTS & HARDWARE

PROVIDED HARDWARE



#PN	QTY
Q-MT-12	2

#10-3/16x2"

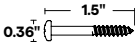
PHILLIPS ROUND HEAD SCREW



#PN	QTY
Q-MT-50	4
Q-MT-51	3

6-32x0.5"

FLAT HEAD SCREW



#PN	QTY
Q-MT-51	2

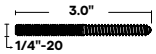
#10-3/16x1.5"

PHILLIPS ROUND HEAD SCREW



1/4-20 NUT

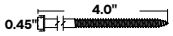
#PN	QTY
Q-MT-10	4



1/4-20x3"

#PN	QTY
Q-MT-10	2

HANGER BOLT



#PN	QTY
Q-MT-39	2

1/4"-20X3"

HEX BOLT SCREW



#PN	QTY
Q-MT-10	1
Q-MT-50	1

1/2-14 NPS HEX NUT

HEX NUT / JAM NUT

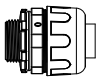


#PN	QTY
Q-MT-14	1
Q-MT-50	1

Nylon Strap Ratchet

TREE MOUNT STRAP

RECOMMENDED HARDWARE



#PN	QTY
Q-MT-50	1

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

CONDUIT CONNECTOR

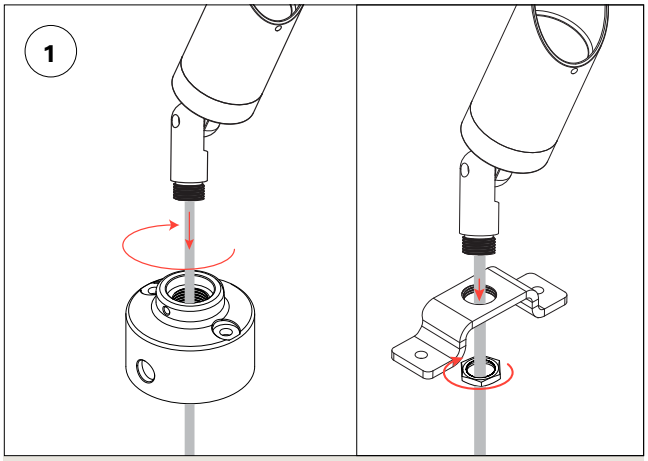
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TREE MOUNT

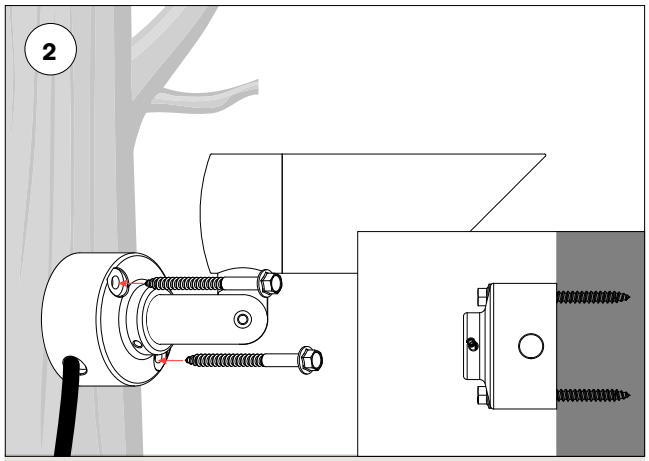
Landscape Lighting Installation Instructions

MOUNTING METHOD: **TREE MOUNT - NO DRIVER**

Q-MT-10, Q-MT-12, Q-MT-14, Q-MT-39, Q-MT-51

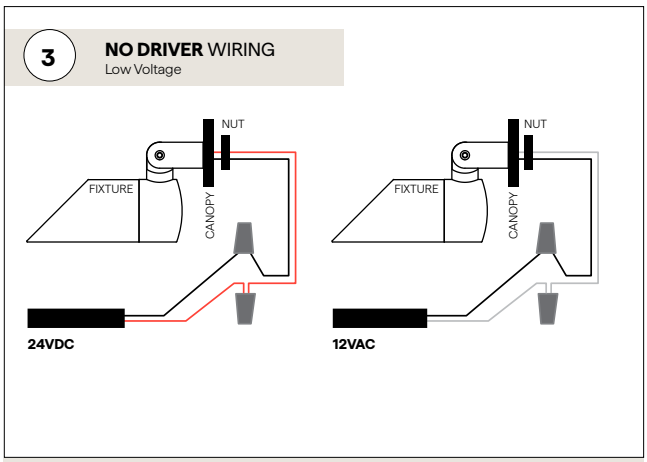


- Feed the fixture lead wire down through the canopy.
- Q-MT-12, Q-MT-14, Q-MT-39, Q-MT-51: Install the fixture onto the canopy and screw it on until seated.
- Q-MT-10: Install the fixture onto the canopy and secure it with the provided jam nut.

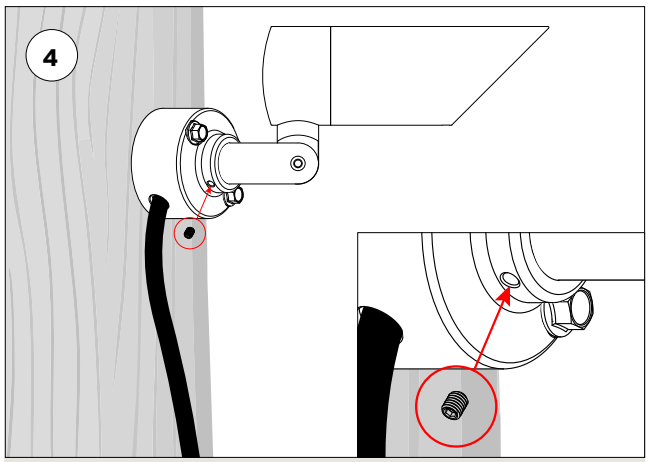


- Align the mounting screw holes in the vertical or horizontal position before mounting the base/canopy.
- Hold the base/canopy against the mounting surface and secure it with the two provided screws.

NOTE: *Not all mounting methods include both a base and a canopy.*



- If the mount has a wire hole, run the power supply wire through the hole before splicing. (Reference the luminaire instructions for wiring details).
- Cut the fixture wire to length as needed and splice the fixture and power supply wires together with liquid-tight wire nuts (by others).



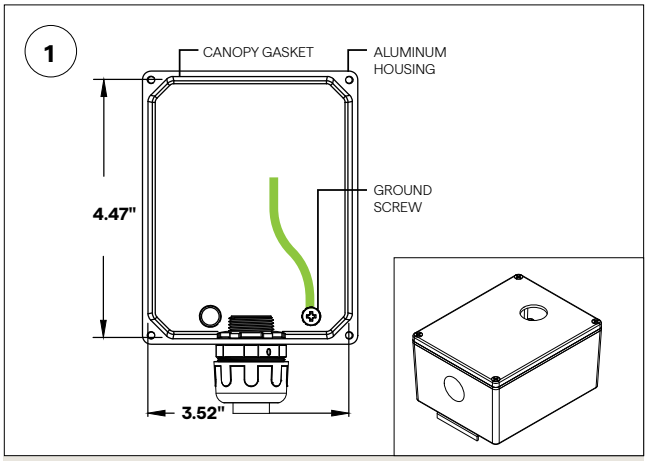
- Q-MT-39: After installation, the fixture can be rotationally adjusted slightly with the provided set screw on the canopy. Other canopies do not have this feature.
- Installation complete.

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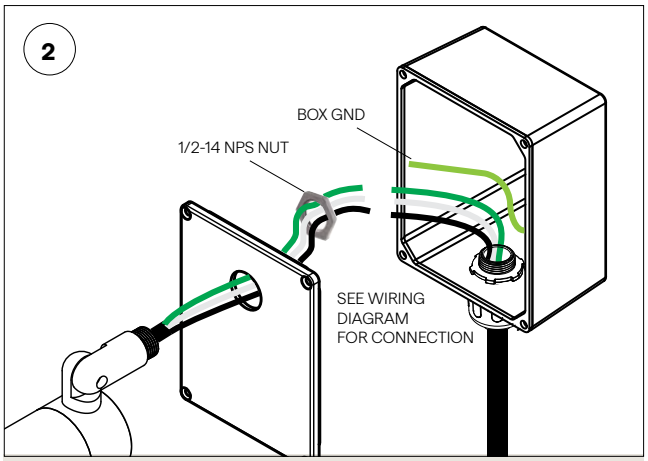
TREE MOUNT

Landscape Lighting Installation Instructions

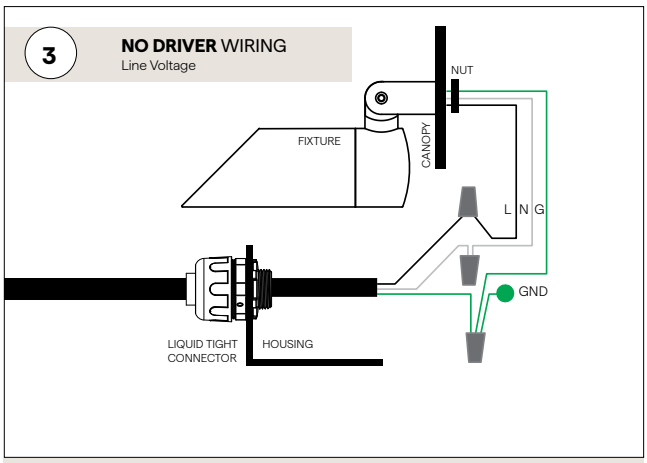
MOUNTING METHOD: **TREE MOUNT - NO DRIVER**
Q-MT-50



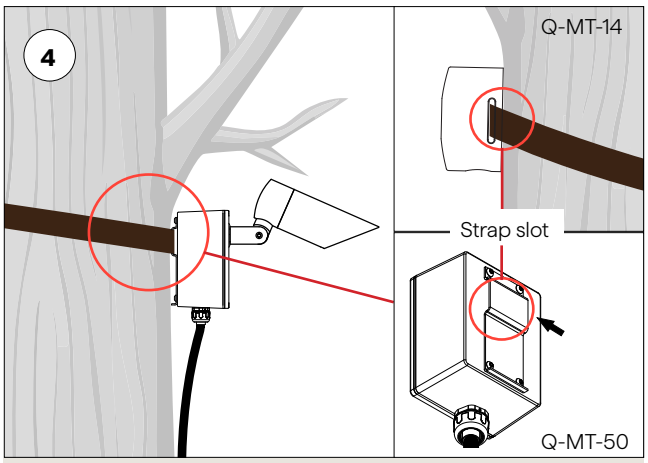
- Remove the four (4) canopy screws and lift off the canopy gasket. Route the power supply cable into the housing through recommended liquid-tight connector.



- Mount the fixture onto the canopy with the 1/2-14 jam nut.
- Splice the wires together with wire nuts (by others). See the luminaire instructions for wiring details.
- Reinstall the canopy.



- Cut the fixture wire to length as needed and splice the fixture and power supply wires together with liquid-tight wire nuts (by others).



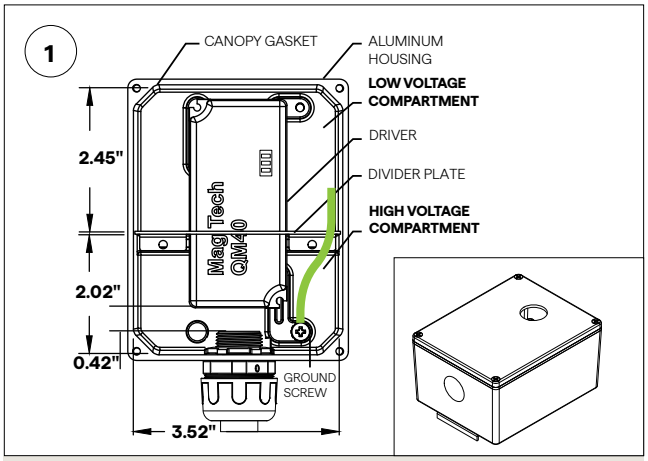
- Weave the tree strap through the slot on the back of the housing, wrap it around the tree, and tighten it with the ratchet until secure. **DO NOT OVERTIGHTEN** — overtightening can damage the tree.
- Installation complete.

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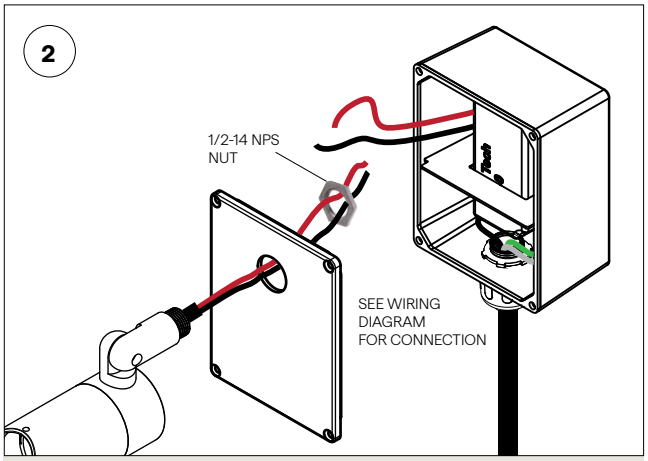
TREE MOUNT

Landscape Lighting Installation Instructions

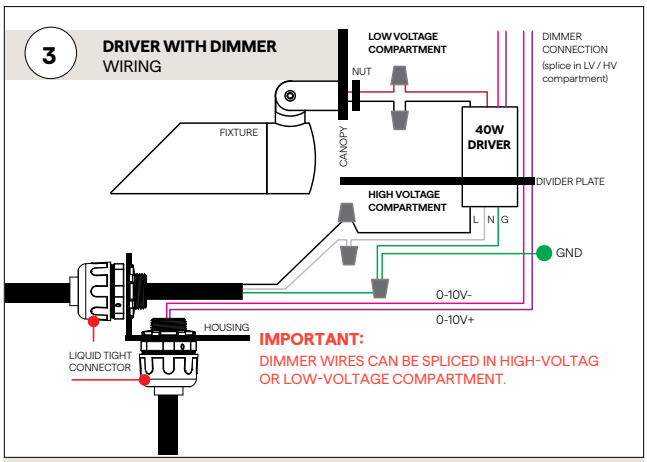
MOUNTING METHOD: **TREE MOUNT - 120V DRIVER**
Q-MT-50



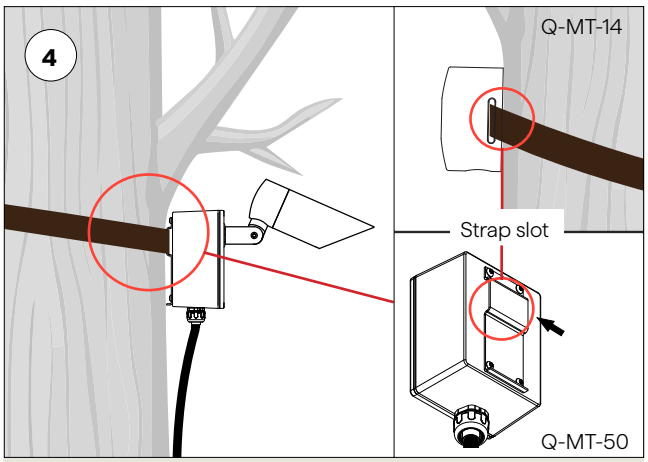
- Remove the four (4) canopy screws and lift off the canopy and gasket. The divider plate separates the HIGH-VOLTAGE (HV) and LOW-VOLTAGE (LV) compartments; the lower part of the 40W driver has the line-voltage wires. Bring the 120V cable into the HV compartment through the liquid-tight connector and splice the wires.
- See the luminaire wiring diagram for additional details.



- Install the fixture on the canopy with the jam nut, rotating the fixture to the desired angle and tightening the nut.
- Use liquid-tight wire nuts to splice the fixture wires and driver wires together, following the wiring diagram in the luminaire instructions.
- Place the canopy over the box and tighten the screws.



- Cut the fixture wire to length as needed and splice the fixture and power supply wires together with liquid-tight wire nuts (by others).



- Weave the tree strap through the slot on the back of the housing, wrap it around the tree, and tighten it with the ratchet until secure. **DO NOT OVERTIGHTEN** — overtightening can damage the tree.
- Installation complete.

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