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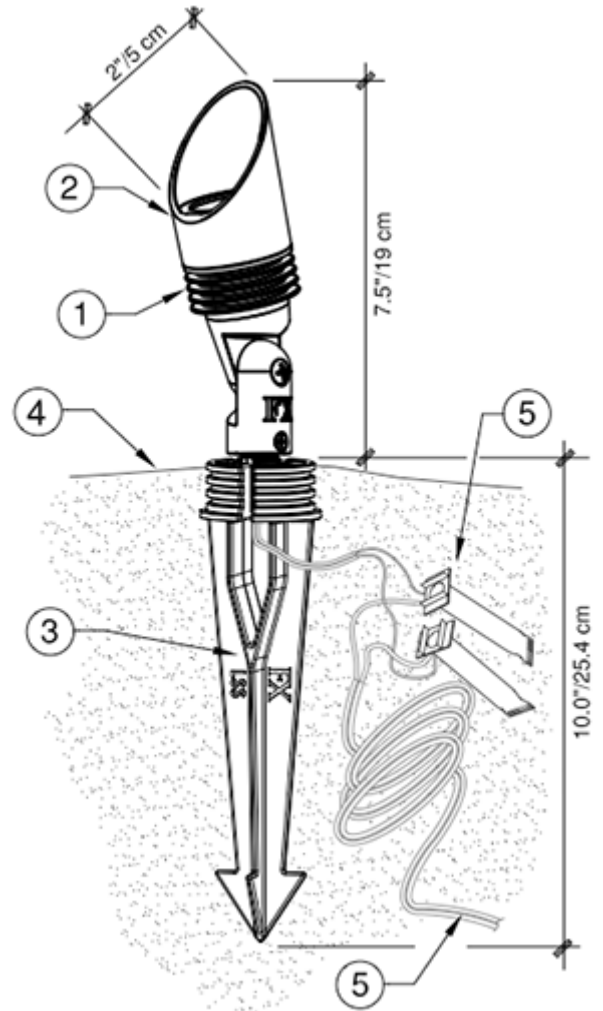
FXLuminaire®

LED UP LIGHT - INSTALLATION

1. LED Up Light Installation Details

1. FX Luminaire fixture. See plan legend for wattage, beam and accessories.

2. Aim fixture a minimum of 10° off vertical to allow water and dirt to drain off lens cap.

3. FX Luminaire Long Slot Spike mount.

4. Finished grade.

5. Direct bury, UF/UL, copper, low voltage cable with 3M DBR/Y-6 direct bury splice kit. Leave 18" minimum wire loop coiled below fixture for service.

Notes:

- Installation to be completed in accordance with manufacturer's specifications.

- Accepts 10-15 volts - AC or DC

- See plan legend for LED board option, beam spreads, and accessories.

- Always refer to FX product installation notes prior to installation.
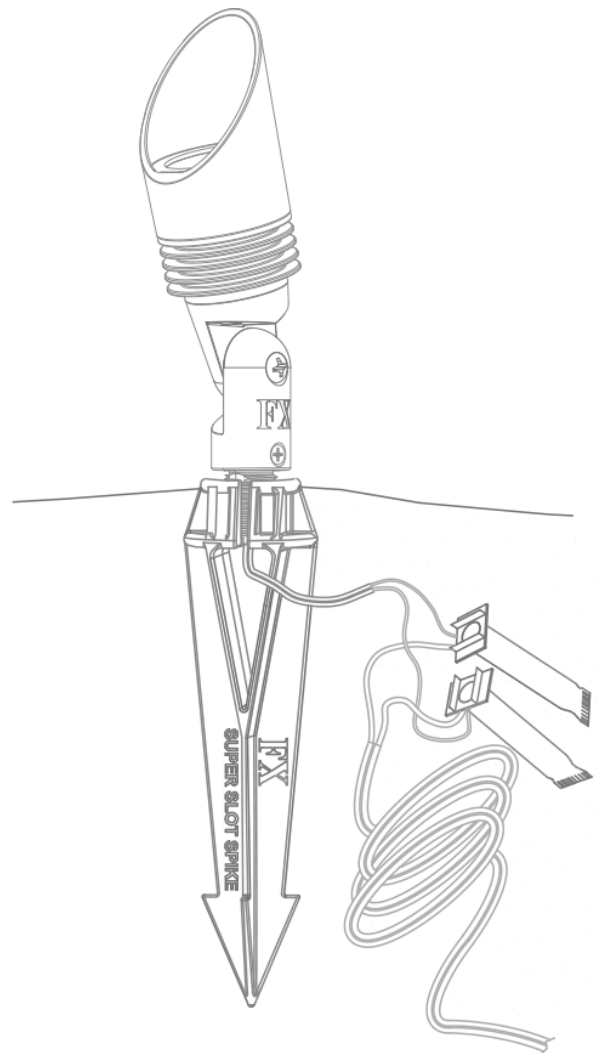
2. LED Up Lights - Recommended Splicing Options

DBRY-6 Direct Bury Splice Kit

With any low voltage lighting system, waterproof connections are crucial to maximizing the life of the system. 3M's DBRY-6 shown here are the recommended waterproof connectors for FX fixtures. DBRY-6 connectors are available directly from FX Luminaire in bulk packs - Bulk 100 connectors (**DBRY100**) and 25 connectors (**DBRY2X25**).

Installation Instructions

1. Strip wire insulation 3/4"
2. With wire ends even, insert wires into the connector and tighten until secure
3. Insert the connector all the way into the tube until the connector rests on the bottom
4. Fold the wires into the channels
5. Close the cap

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3. Mounting Options for Up Lights

FX manufactures a wide range of mounting options for your up lights. For the mounting option provided with each fixture, please visit the individual product page.

Super Slot Spike (SSS)

This 8" spike is the standard for most FX up lights. Constructed from UV resistant ABS, it incorporates a composite thread featuring a slot cut out of the threads to simplify the wiring process. SSS Part Number: 753900

Long Slot Spike (LSS)

Where a heavier duty spike is desired, install the Long Slot Spike. Constructed from UV resistant ABS it incorporates a composite thread featuring a slot cut out of the threads to simplify the wiring process. LSS Part Number: 250015840000

Super J-Box (SJ)

The SJ mount is solid brass and can be powder coated to match your FX fixture. It fits onto our Long Slot Spike to create an attractive, easy to install wire nut J-Box. Part Number: SJ-XX (XX denotes finish)

Post Mount (PM)

The Post Mount is milled from solid brass and powder coated to match your FX fixture. Includes 12" PVC pipe mount. Sturdier than the Super J-Box when cast into a concrete footer. 2.5" x 12.5"Part Number: PM-XX (XX denotes finish)

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Versa Box (VB)

The VersaBox is an innovative mounting box that can be fixed to an eave or surface mounted on decks. Use the VB with all FX path lights, spotlights or TS series down lights. Made from solid brass, and can be powder coated to match your FX fixture. 2.25" dia. x 1.75" Part Number: VB050-XX (XX denotes finish)

Variable Height Riser (VHRUL)

The Variable Height Riser for up lights is an innovative way to raise and lower up lights above growing foliage up to 7". Buried into the ground, an easy tightening cap allows you to adjust the riser to the perfect height throughout the year. Compatible with ½" mount up lights. Part Number: VHRUL

Tree Box (TB)

The Tree Box is an add-on that allows fixtures to be mounted to trees safely and securely so designers can position lights to create memorable vignettes by enhancing flexibility. Available in all FX powder coated finishes. 5.4" x 2.35" x 2.1 Part Number: TB-XX (XX denotes finish)

Couplings

Couplings offer installation flexibility for at-grade or wall-mounted applications. Couplings can be used to improve light output by raising fixtures above grade, clearing obstructions, and achieving new angles and positions. In addition, the T-Mount can be used with only one riser to reduce costs, labor, and parts.

Risers

Copper or aluminum risers can improve light output by raising fixtures above grade and clearing obstacles.

Aluminum Riser   Copper Riser

4. Color Filter Installation for LED Up Lights

Every fixture comes with three color filters and a frosted lens, enabling customization of the color temperature and beam spread before or after installation. More options make accenting the highlights of any landscape easy. Magnify the beauty of green leaves at the start of summer with a green filter; boost the warmth of autumn colors come fall; or showcase the stark beauty of bare bark during winter with a blue filter to create drama and allure in an otherwise dormant landscape.

STEP 1

The chrome reflector is the basis for all stacking filters. Add and remove filters by lining them onto the reflector base and turning a quarter turn clockwise to lock in and counter clockwise to remove.

STEP 2

All filters are stackable on top of each other. Add and remove filters by interlocking them with a quarter turn clockwise to lock and counter clockwise to remove.

STEP 3

Add a frosted filter last to soften and diffuse the light emitting from the color filters or directly from the LED board.

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The photo below shows a setting with two Up Lights with different filters. The tree on the left is lit with a blue filter, creating a cool glow, while the tree on the right is lit with an amber filter, creating a warm glow and accentuating the natural green of the tree. With the right filter, you too can create a distinct mood for every setting.

Filter color temperatures				
Frosted	Amber	Green	Blue	CCT (K)
X				3900
	X			2700
		X		4500
			X	5200