

# XBAL LED BULLET FLOOD INSTALLATION INSTRUCTIONS

**IMPORTANT:** BEFORE PROCEEDING, READ ALL INSTRUCTIONS CAREFULLY TO INSURE PROPER AND SAFE INSTALLATION.

**DANGER:** RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION.

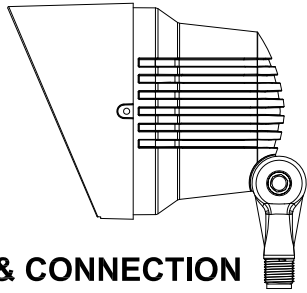
**DANGER:** RISQUE DE CHOC - COUPER L'ALIMENTATION AVANT L'INSTALLATION.

**IMPORTANT:** HIGH TEMPERATURES INSIDE LUMINAIRE. MAKE CERTAIN SITE VOLTAGE MATCHES VOLTAGE MARKED ON LUMINAIRE. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

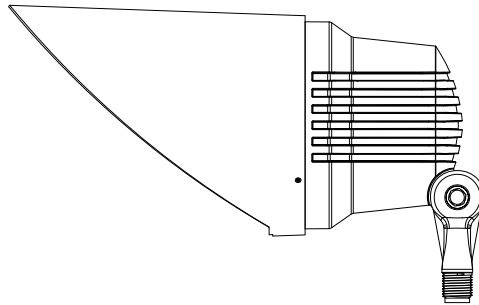
CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AIN SI QUE LES RISQUES INHÉRENTS.

**NOTE:** IF FIXTURE LENS IS INSTALLED DIRTY, LIGHTING PERFORMANCE WILL SIGNIFICANTLY DECREASE.

## XBAL W/ UPLIGHT SHIELD



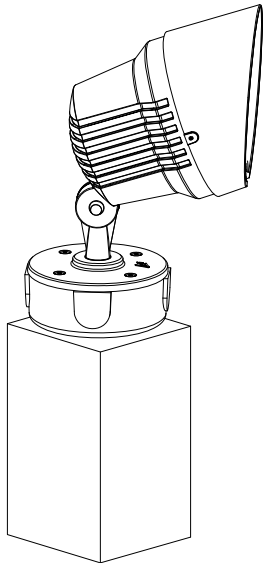
## XBAL W/ DOWNLIGHT SHIELD



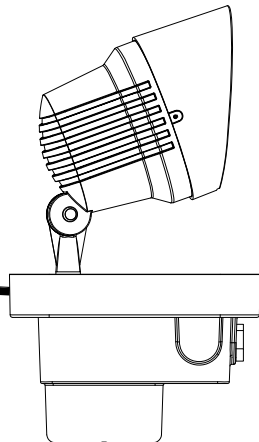
## XBAL MOUNTING & CONNECTION

1. CONFIRM ALL FIXTURE COMPONENTS HAVE BEEN RECEIVED PRIOR TO STARTING INSTALLATION PROCESS.
2. IF USING A LIGHTING DESIGN PLAN, CONFIRM CORRECT MODEL FIXTURES ARE INSTALLED IN PLANNED LOCATIONS.
3. MAKE SURE SUPPLY CIRCUIT POWER IS TURNED OFF PRIOR TO INSTALLATION.
4. MOUNT XBAL FIXTURE TO UL LISTED J-BOX, SURFACE MOUNT, OR LANDSCAPE POST PER EXAMPLES SHOWN BELOW.
5. USE TEFLON TAPE, PIPE SEALANT, OR RTV SILICONE TO SEAL XBAL ARM MOUNT 1/2-14 THREADS WHEN INSTALLING INTO J-BOX CANOPY, MOUNT, OR LANDSCAPE POST. FULLY ENGAGE ARM MOUNT THREAD INTO MOUNTING DEVICE!
6. CONNECT SITE LINE-IN SUPPLY LEAD TO XBAL BLK LEAD, NEUT OR COM LEAD TO WHT, AND GROUND TO GRN AS SHOWN.
7. FOR WET OR DAMP LOCATION INSTALLATIONS, ALL ELECTRICAL CONNECTIONS MUST BE SECURED INSIDE UL LISTED WEATHERPROOF JUNCTION BOX OR MOUNT APPROPRIATE FOR INTENDED MOUNTING APPLICATION. SEAL ALL POINTS OF ENTRY TO PREVENT WATER INFILTRATION.

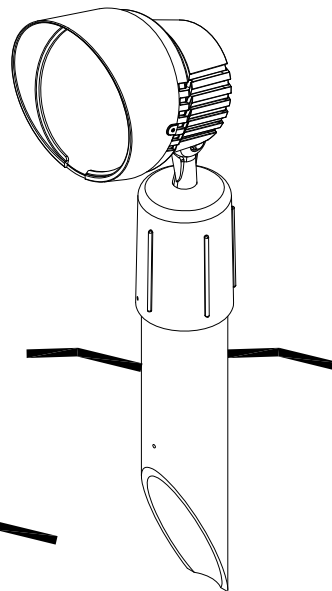
## XBAL MOUNTING EXAMPLES



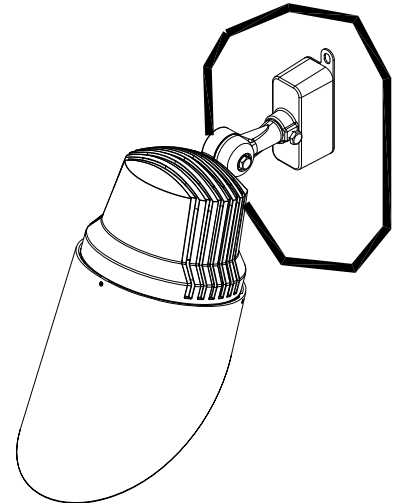
**XBAL SURFACE  
MOUNTED ON UL LISTED  
JUNCTION BOX**



**XBAL SURFACE MOUNTED  
ON UL LISTED RECESS  
MOUNTED JUNCTION BOX**



**XBAL SURFACE MOUNTED  
ON UL LISTED SPIKE  
JUNCTION BOX**



**XBAL SURFACE MOUNTED  
ON UL LISTED  
JUNCTION BOX**



# XBAL LED BULLET FLOOD INSTALLATION INSTRUCTIONS

## ELECTRICAL CONNECTION:

INPUT HOT . . . . . BLACK FIXT LEAD

INPUT NEUTRAL . . . . . WHITE FIXT LEAD

INPUT GROUND . . . . . GREEN FIXT LEAD

\* 0-10V DIMMER  
REQUIRED  
(BY OTHERS)

\* OPTIONAL INPUT DIM + . . . . . VIOLET FIXT LEAD DIMMING +

\* OPTIONAL INPUT DIM - . . . . . GREY FIXT LEAD DIMMING -

WARNING: VERIFY THE SITE INPUT VOLTAGE. MAKE SURE IT MATCHES THE VOLTAGE OF THE LUMINAIRE.  
SECURE ALL WIRING AND CONNECTIONS IN THE JUNCTION BOX OR MOUNTING DEVICE.

NOTE: XBAL-DIM OPTIONED FIXTURES MAY BE DIMMED USING 0-10V DIMMING CONTROLS (BY OTHERS). 16/5 SOOW  
CABLE MADE BY GENERAL CABLE (CAROL) 09605 MAY BE USED IN SOME INSTALLATIONS.

## XBAL SERVICE & ASSEMBLY



### IMPORTANT

1. THE XBAL LED BULLET FLOOD COMES FULLY FACTORY ASSEMBLED. THERE IS NO REASON TO ENTER THE FIXTURE AT THE TIME OF INSTALLATION.
2. THERE ARE NO END USER SERVICEABLE PARTS INCLUDED WITHIN THE XBAL LED BULLET FLOOD. IF FIXTURE FAILS TO LIGHT WHEN POWERED UP, CHECK CIRCUIT BREAKER OR CIRCUIT FUSING FIRST.
3. IN THE EVENT THE XBAL LED BULLET FLOOD FAILS TO LIGHT CALL YOUR PREFERRED ELECTRICAL REPAIR CONTRACTOR, OR CALL LSI FIELD SERVICE GROUP FOR INSTRUCTIONS @ 800-436-7800 EXT 3300.

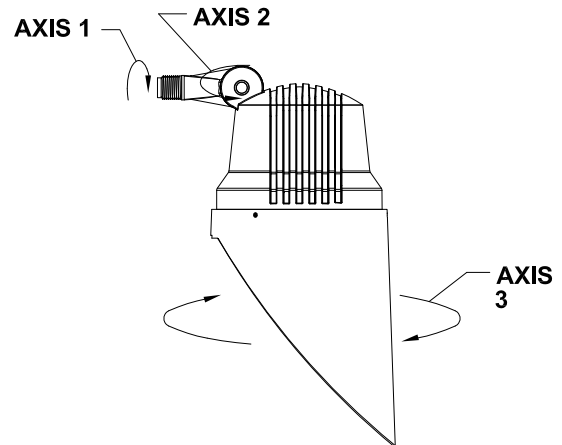


### WARNING

MAKE SURE POWER IS TURNED OFF BEFORE SERVICING FIXTURE.

## XBAL AIMING ADJUSTMENT

1. AXIS 1 ROTATION IS ADJUSTED BY ROTATING ENTIRE FIXTURE HOUSING ON THE 1/2" ARM THREADS AND LOCKING IN THIS ADJUSTMENT WITH A LOCK NUT (SUPPLIED) OR BY TIGHTENING THE SET SCREW SUPPLIED WITH THE MOUNTING DEVICE. MAINTAIN AS MUCH ARM THREAD ENGAGEMENT INTO THE MOUNT AS POSSIBLE FOR MAXIMUM FIXTURE INTEGRITY.
2. AXIS 2 ROTATION IS ADJUSTED BY LOOSENING THE HEX HEAD SCREW IN THE ARM AND ROTATING THE FIXTURE TO THE PROPER AIMING ANGLE. RE-TIGHTEN THE SCREW UNTIL THE INTERLOCKING TEETH IN THE 1/2" ARM AND HOUSING ARE FULLY MATED. REQUIRED TORQUE 45-60 IN-LBS FOR PROPER SEAL COMPRESSION.
3. AXIS 3 SHIELD ROTATION CAN BE ADJUSTED TO CHANGE SHIELDING ANGLE. LOOSEN SET SCREWS (3X) AND ROTATE SHIELD TO DESIRED ANGLE. RE-TIGHTEN SET SCREWS (3X) TO LOCK IN SHIELD ANGLE & COMPRESS LENS SEAL FULLY AGAINST XBAL FIXTURE HOUSING.



## MAINTENANCE SERVICE

- ONCE CORRECTLY INSTALLED THE XBAL FIXTURE MUST BE MAINTAINED BY KEEPING LEAVES, INSECTS, AND DEBRIS OFF OF THE LENS. HARD WATER STAINING ON THE LENS SHOULD BE REMOVED ANNUALLY WITH VINEGAR.
- WHEN SERVICING THE XBAL USE ONLY ORIGINAL LSI PARTS.
- IF SERVICE PARTS ARE REQUIRED A PARTS LIST CAN BE OBTAINED BY CONTACTING YOUR LOCAL DISTRIBUTOR OR CALLING LSI FIELD SERVICE @ 800-436-7800 EXT 3300.

FAILURE TO FOLLOW THE MANUFACTURERS INSTRUCTIONS, OR MAKING ANY MODIFICATIONS TO THE PRODUCT CAN VOID THE WARRANTY. FIXTURE FAILURES RESULTING FROM POOR MAINTENANCE OR ABUSE WILL NOT BE COVERED BY WARRANTY. CONSULT WARRANTY FOR FULL DETAILS.