

Installation Instructions

Fixture: FEDERAL GLOBE™ (FGL/ FGS) FOR LED



<u>WARNING</u>: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

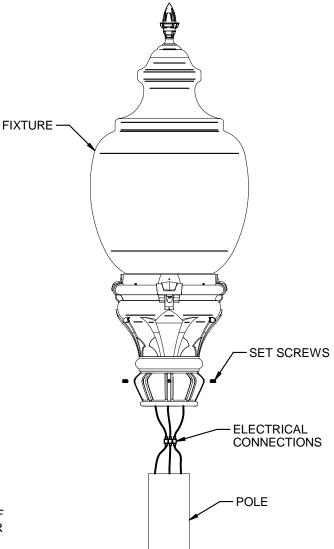
MAINTENANCE: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

CAUTION: All wiring must be done by a qualified electrician. KEEP THIS SHEET FOR FUTURE REFERENCE.

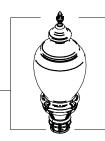
- 1. Be sure all power is **OFF.**
- 2. Make wire connections from incoming supply to fixture as shown. (White to White, Black to Black and Green to Green) (Note: fixture must be grounded to incoming equipment ground supply.)
- 3. Slip fixture over pole top or tenon. Secure with four (4) supplied stainless steel set screws.
- 4. Turn power ON.

WARNING:

THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, AND/OR OTHER REPRODUCTIVE HARM. THROUGHLY WASH HANDS AFTER INSTALLING, HANDLING, CLEANING OR OTHERWISE TOUCHING THIS PRODUCT.







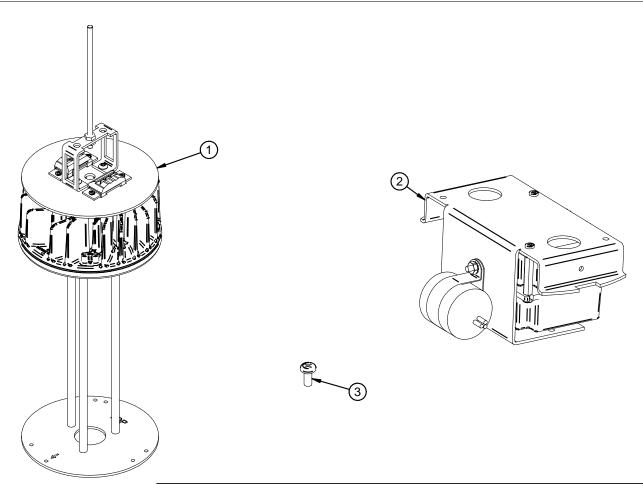


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UPGRADE KIT CONTENTS



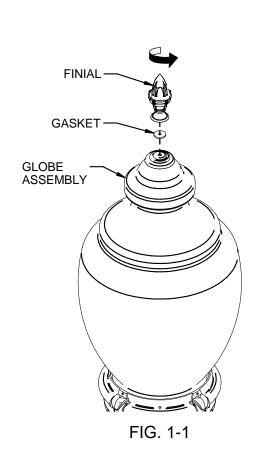
PARTS LIST				
ITEM#	QTY	PART#	DESCRIPTION	
1	1	93049902	RETROFIT KIT Y-LED SAL LENS WITH CCO OPTION	
2	1	93049901	RETROFIT KIT Y-LED DRIVER ASSY	
3	3	A84033	SCR-8-32 x 3/8" PHLPS PHMS S/S	



1. REMOVE LENS

TURN OFF ALL POWER TO THE UNIT AND TAKE PROPER SAFETY PRECAUTION. FAILURE TO DO SO MAY RESULT IN SERIOUS PERSONAL INJURY.

- 1. REMOVE FINIAL BY TURNING IT COUNTER CLOCKWISE. (FIG. 1-1)
- 2. REMOVE GASKET AND TOP LENS ASSEMBLY. DO NOT DISCARD. (FIG. 1-1)
- 3. WITH A PHILLIPS HEAD SCREW DRIVER LOOSEN THREE SCREWS AND REMOVE CCO OPTICAL SYSTEM FROM CAST LID. (FIG. 1-2)



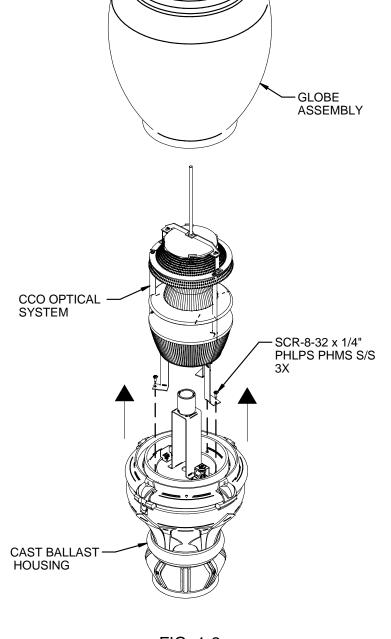


FIG. 1-2



2. REMOVE EXISTING BALLAST ASSEMBLY AND SOCKET ASSEMBLY

- 1. TILT CAST LID TO THE SIDE BY PULLING LATCH BACKWARD. (FIG. 2-1)
- 2. DISENGAGE QUICK-DISCONNECT AND PULL APART. (FIG. 2-1)
- 3. REMOVE SOCKET ASSEMBLY BY TURNING TURN-LATCH COUNTER CLOCKWISE. (FIG. 2-2)
- 4. REMOVE BALLAST ASSEMBLY. (FIG. 2-3)

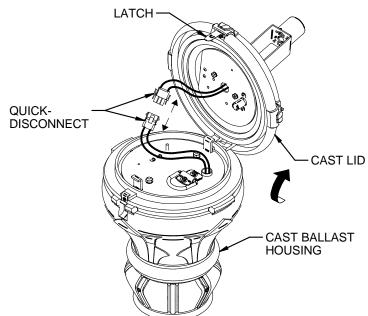
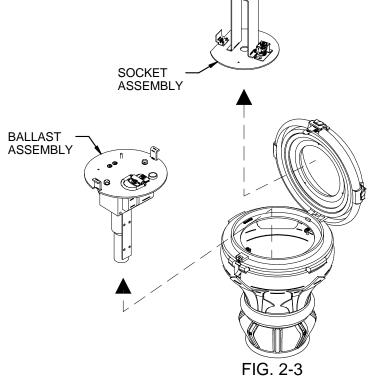


FIG. 2-1



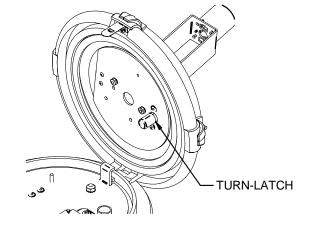
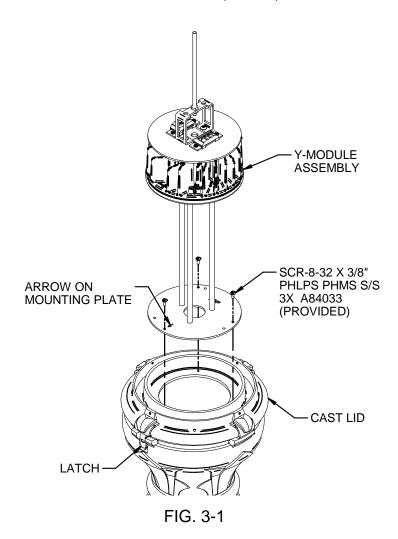


FIG. 2-2



3. INSTALLING 32-LED Y6 MODULE AND LENS

- 1. INSTALL Y-MODULE TO CAST LID WITH **ARROW ON MOUNTING PLATE POINTING TO LATCH ON CAST LID USING PROVIDED** 8-32 X 3/8" SCREWS. (FIG. 3-1) ARROW DENOTE STREET SIDE.
- 2. PLACE GLOBE ASSEMBLY OVER CAST LID. (FIG. 3-2)
- 3. INSTALL GASKET AND FINIAL. (FIG. 3-2)
- 4. INSTALLATION COMPLETE. (FIG. 3-2)



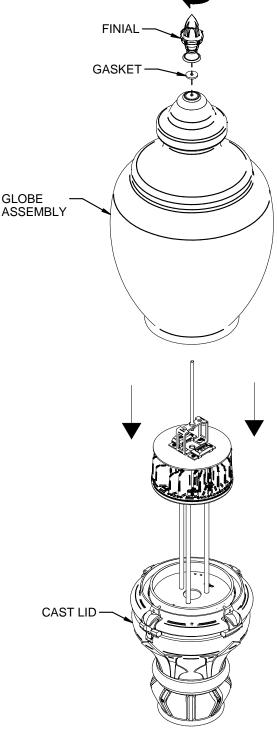


FIG. 3-2



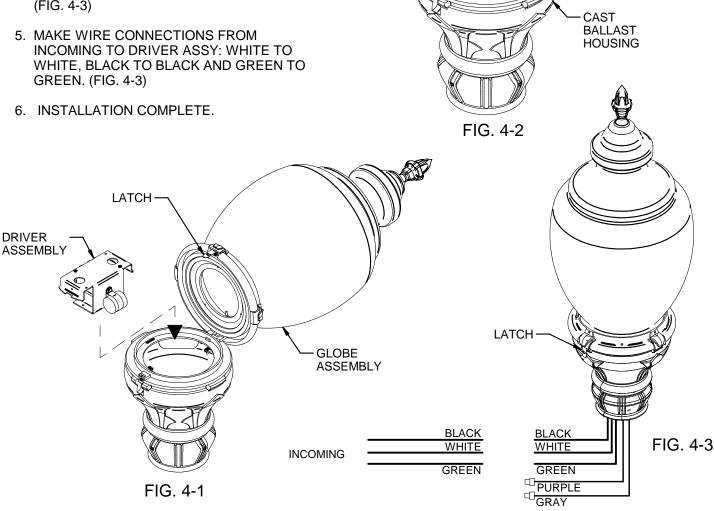
LIFESHIELD

QUICK DISCONNECT

Y-LED Upgrade Kit Installation Guide Fixture: FGS™ Federal Globe Small Scale (FGS) For SAL Lens With CCO Optical System

4. INSTALLING DRIVER ASSEMBLY

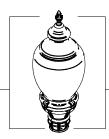
- 1. TILT GLOBE ASSEMBLY TO THE SIDE BY PULLING LATCH BACKWARD. (FIG. 4-1)
- 2. INSTALL DRIVER ASSY. (FIG. 4-1)
- 3. MAKE WIRE CONNECTIONS BY CONNECTING QUICK DISCONNECT FROM DRIVER ASSY TO SOCKET ASSY AND LIFESHIELD QUICK DISCONNECT. (FIG. 4-2)
- 4. CLOSE FIXTURE, ENSURE LATCH SNAPS BACK TO ITS ORIGINAL POSITION. (FIG. 4-3)



QUICK-

DISCONNECT





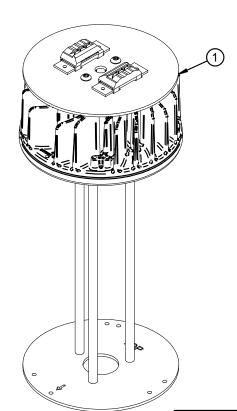


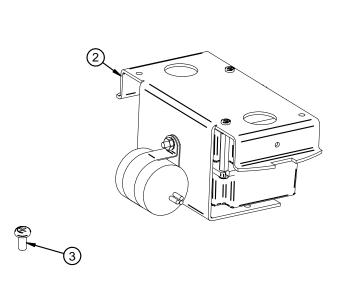
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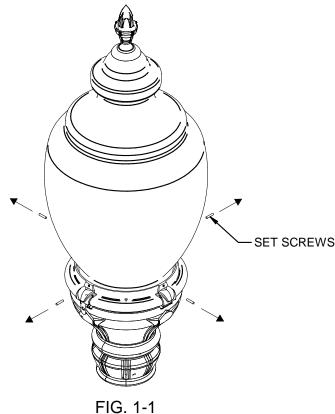
PARTS LIST					
ITEM#	QTY	PART#	DESCRIPTION		
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2	1	93049901	RETROFIT KIT Y-LED FGS DRIVER ASSY		
3	3	A84033	SCR-8-32 x 3/8" PHLPS PHMS S/S		



REMOVE LENS

TURN OFF ALL POWER TO THE UNIT AND TAKE PROPER SAFETY PRECAUTION. FAILURE TO DO SO MAY RESULT IN SERIOUS PERSONAL INJURY.

- 1. REMOVE GLOBE ASSEMBLY BY LOOSEN FOUR SET SCREWS. (FIG. 1-1)
- 2. IF GR3/GR5 OPTION IS PRESENT, REMOVE BY REMOVING TWO 8-32 x 1/4" SCREWS. (FIG. 1-2)



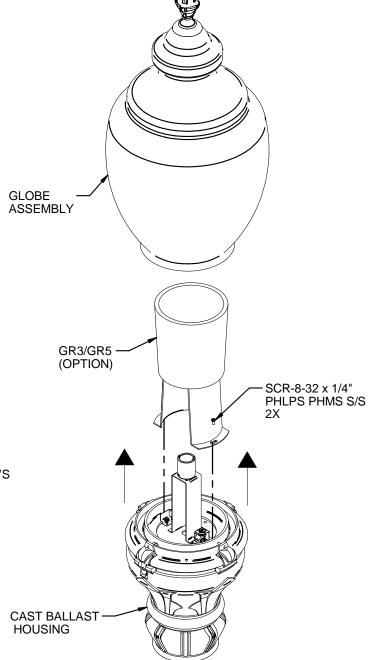


FIG. 1-2



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- 1. TILT CAST LID TO THE SIDE BY PULLING LATCH BACKWARD. (FIG. 2-1)
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- 4. REMOVE BALLAST ASSEMBLY. (FIG. 2-3)

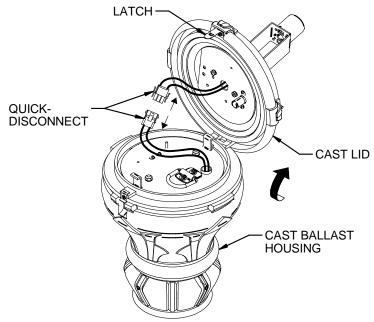


FIG. 2-1

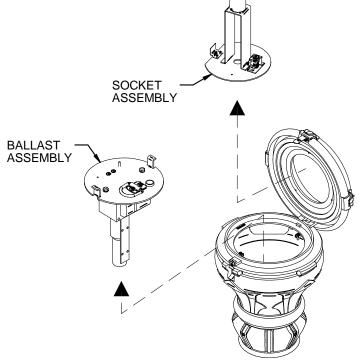


FIG. 2-3

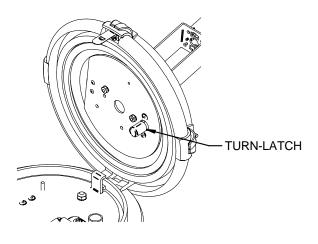


FIG. 2-2





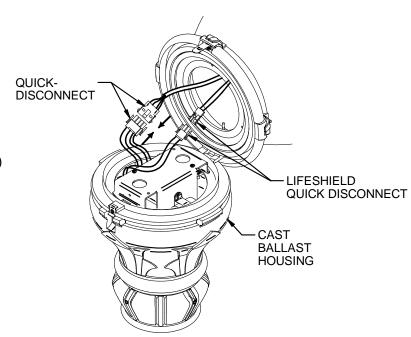
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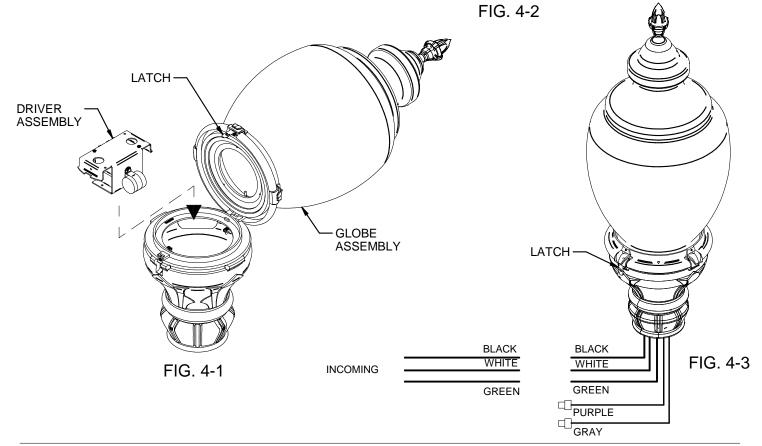
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4. INSTALLING DRIVER ASSEMBLY

- 1. TILT GLOBE ASSEMBLY TO THE SIDE BY PULLING LATCH BACKWARD. (FIG. 4-1)
- 2. INSTALL DRIVER ASSY. (FIG. 4-1)
- 3. MAKE WIRE CONNECTIONS BY CONNECTING QUICK DISCONNECT FROM DRIVER ASSY TO SOCKET ASSY AND LIFESHIELD QUICK DISCONNECT. (FIG. 4-2)
- 4. CLOSE FIXTURE, ENSURE LATCH SNAPS BACK TO ITS ORIGINAL POSITION. (FIG. 4-3)
- 5. MAKE WIRE CONNECTIONS FROM INCOMING TO DRIVER ASSY: WHITE TO WHITE, BLACK TO BLACK AND GREEN TO GREEN. (FIG. 4-3)
- 6. INSTALLATION COMPLETE.

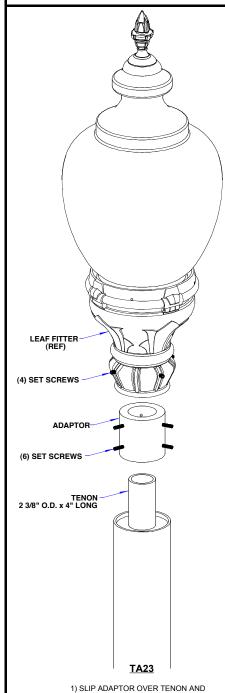


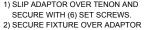




INSTALLATION INSTRUCTIONS

FGS-TA23 / TA3 & AD5

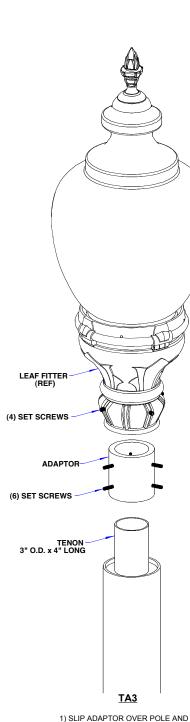




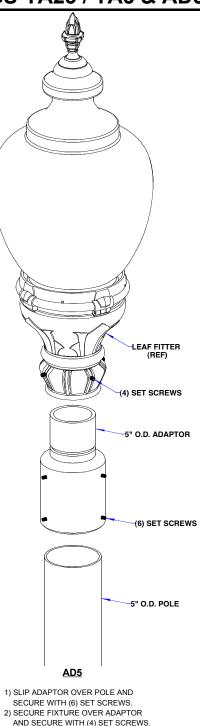
AND SECURE WITH (4) SET SCREWS.

16555 East Gale Avenue. City of Industry, CA 91745 (626)968-5666

3) INSTALLATION COMPLETE.







- AND SECURE WITH (4) SET SCREWS.
- 3) INSTALLATION COMPLETE.

SECURE WITH (6) SET SCREWS.

- 2) SECURE FIXTURE OVER ADAPTOR AND SECURE WITH (4) SET SCREWS.
- 3) INSTALLATION COMPLETE.







DATE	APPRVD.
DATE	REV

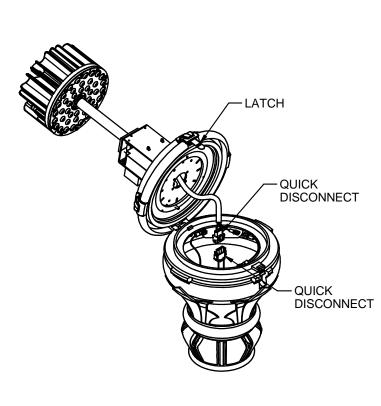
A96501

FGS-LED

LENS

FINIAL

INSTALLATION INSTRUCTIONS



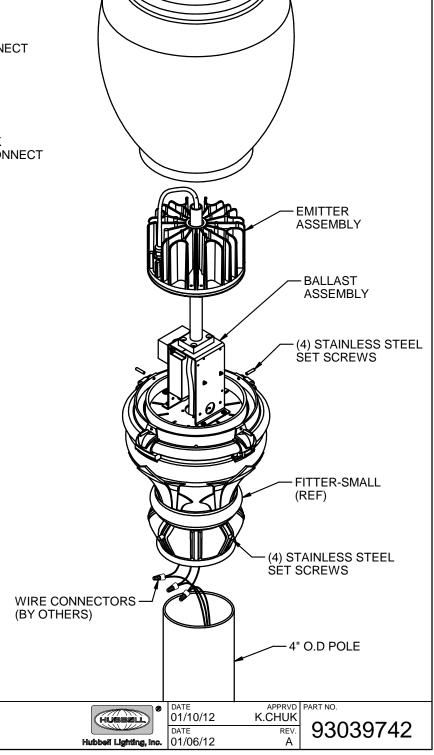
- FIXTURE INSTALLATION STEPS: 1) TURN POWER OFF.
- 2) MAKE WIRE CONNECTIONS FROM INCOMING SUPPLY TO FIXTURE ASS'Y. (NOTE: FIXTURE ASSEMBLY MUST BE GROUNDED TO INCOMING EQUIPMENT GROUND SUPPLY).
- 3) SLIP FITTER OVER TOP OF POLE. SECURE FITTER WITH (4) STAINLESS STEEL SET SCREWS.
- 4) INSTALLATION COMPLETE.

TO SERVICE BALLAST:

- 1) UNSCREW (4) STAINLESS STEEL SET SCREWS AND REMOVE LENS.
- INSERT FINGER BEHIND LATCH LOCATED AT SIDE OF THE FIXTURE AND PULL LATCH FORWARD AND LIFT TOP LID OPEN.
- 3) DISCONNECT QUICK DISCONNECT.
- 4) SERVICE BALLAST AS NEEDED.
- 5) TO RE-ASSEMBLE, REVERSE INSTRUCTIONS.

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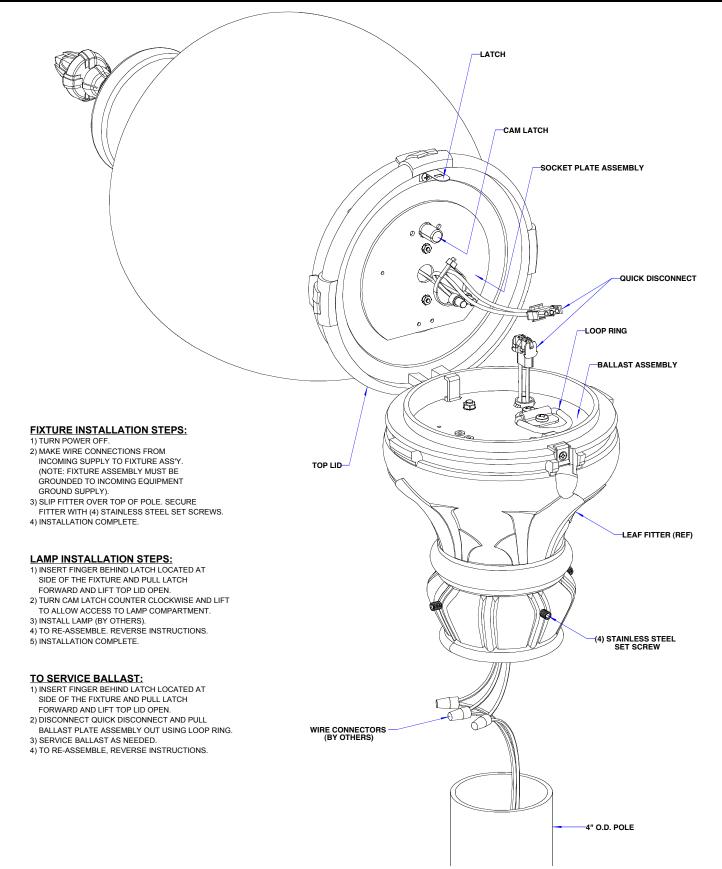


16555 East Gale Avenue City of Industry, CA 91716-0080 (626)968-5666 Fax(626)330-3861

INSTALLATION INSTRUCTIONS

CATALOG NUMBER

FGS



HUBBELL



PART NO.