

PROL2-LK Strike Optic Kit Installation Guide

Fixture: PROL - Providence Large Scale

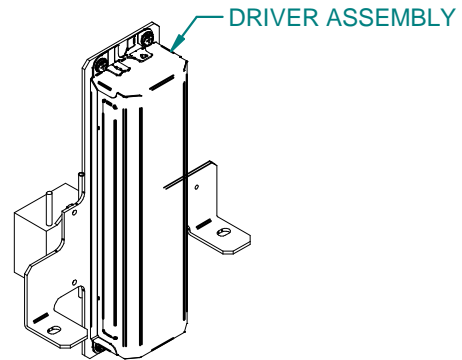
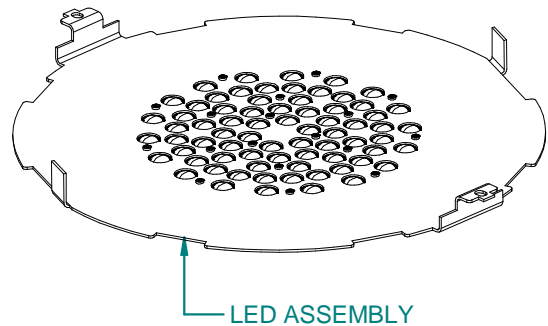
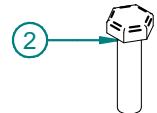
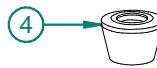
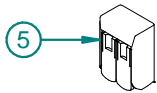
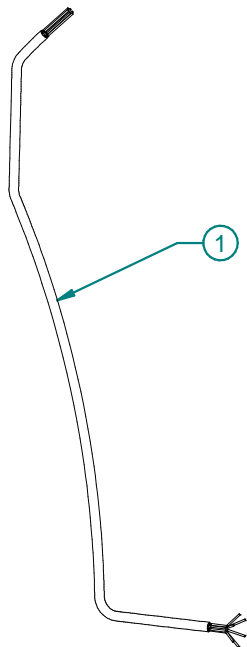


WARNING: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

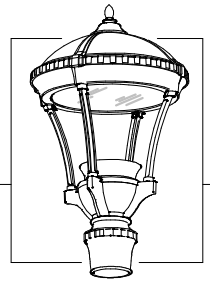
MAINTENANCE: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optics.

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

PACKAGE CONTENTS:



10	1		OPTIC ASSEMBLY	
9	1		DRIVER ASSEMBLY	
8	1	93139651	INSTALLATION INSTRUCTIONS PROL2-LK	
7	3	88033	CABLE TIE 4in HEAT STABILIZED	(NOT SHOWN)
6	2	93007454	CLIP FTR CAP BTTM-PROL	
5	3	0874070B	CONN-WAGO 2-WIRE 221-412	
4	2	93007210	CORD SEAL SILICONE	
3	2	A84281	WSHR 1/4 SPLIT LCK SS	
2	2	A84046	SCR 1/4-20x1.0 HHMS SS	
1	1	93007211-30	CBL-5 CONDUCTOR 30" LONG	
ITEM #	QTY	PART #	DESCRIPTION	NOTES



PROL2-LK Strike Optic Kit Installation Guide

Fixture: PROL - Providence Large Scale

1. PREPARE TOP DOME

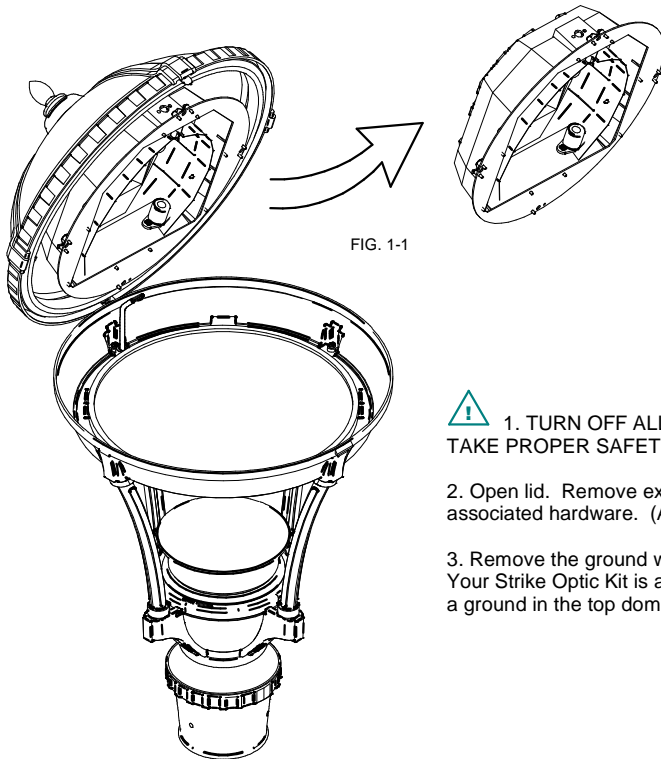


FIG. 1-1



1. TURN OFF ALL POWER TO THE UNIT AND TAKE PROPER SAFETY PRECAUTIONS.

2. Open lid. Remove existing reflector assembly and all associated hardware. (Applications vary.) (FIG. 1-1)

3. Remove the ground wire and screw (if equipped.) Your Strike Optic Kit is a Class 2 System and will not use a ground in the top dome location.

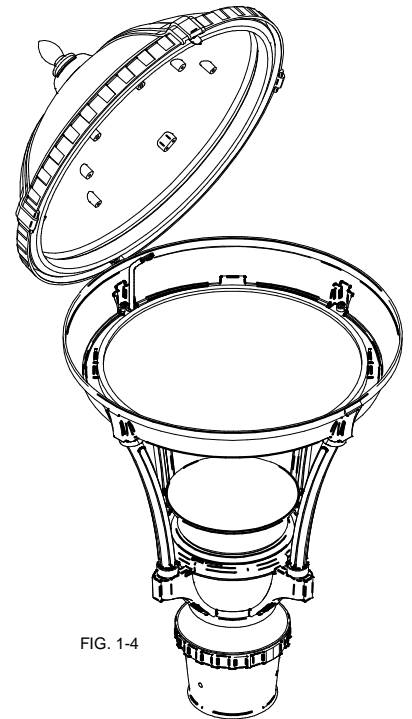


FIG. 1-4

4. The entire top dome should now be completely free of all sheet metal and hardware.

2. LENS REMOVAL (OPTIONAL):

The lens can be removed to increase performance of the fixture.

1. Using Vice-Grips, pull off three (3) of the four (4) lens clips.
2. Remove lens and gasket.
3. The fourth lens clip will then come off very easily.

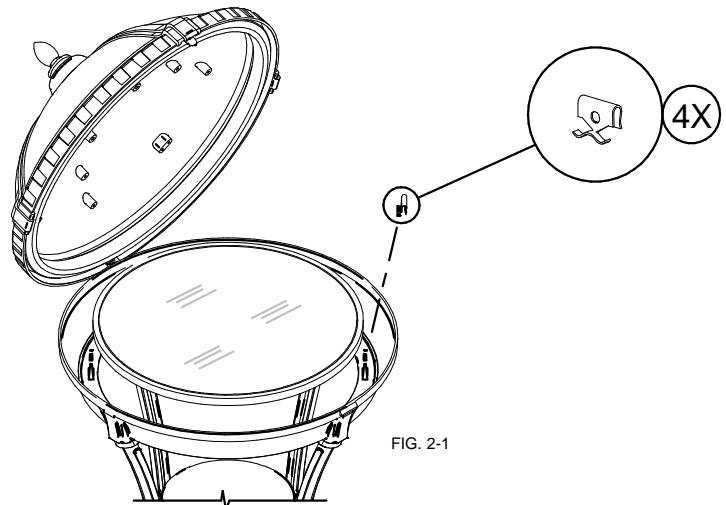
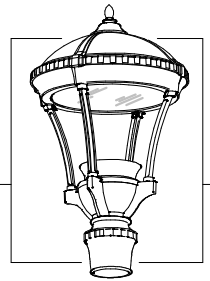


FIG. 2-1



PROL2-LK Strike Optic Kit Installation Guide

Fixture: PROL - Providence Large Scale

3. PREPARE DRIVER ASSEMBLY

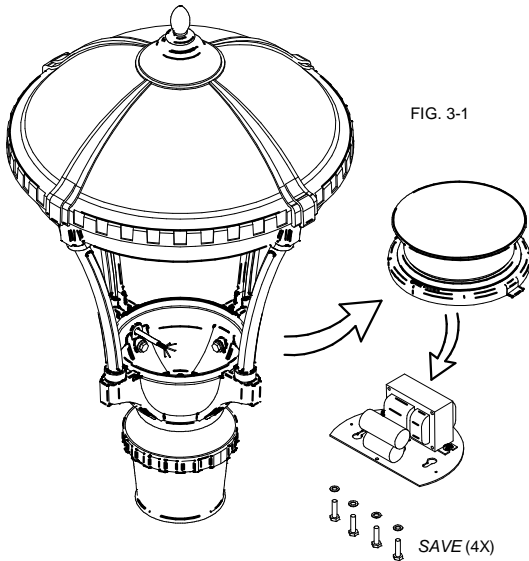


FIG. 3-1

1. Remove Lower Slipfitter Cap by rotating it counter-clockwise.
2. Remove ballast assembly (applications vary). Remove ground wire and screw.
3. **SAVE** the four (4) 1/4-20 x 1" screws and 1/4" washers, they will be reused.
4. Install LED Driver Assembly into slipfitter cap using existing screws & washers from Step 4.

(Driver assembly can be assembled into round slipfitter cap in any orientation.)

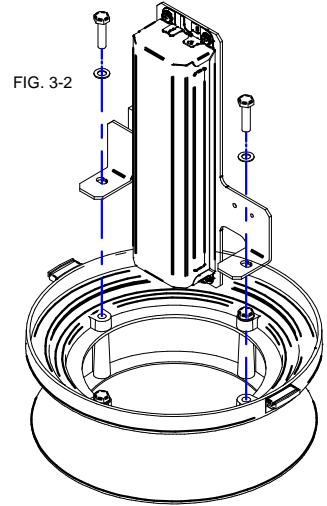


FIG. 3-2

4. RETROFIT 5-CONDUCTOR CABLE

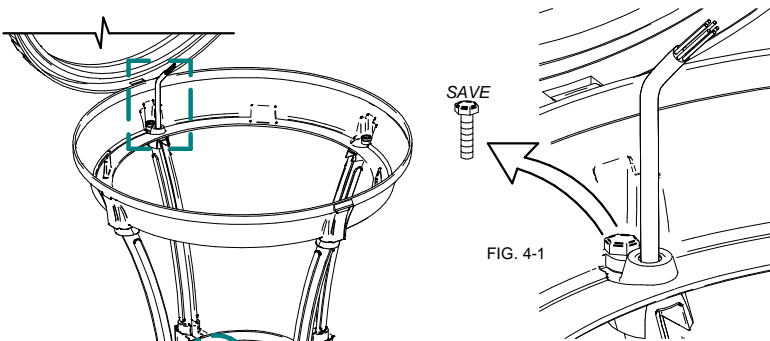


FIG. 4-1

1. Locate the strut that contains the power cable. Remove and **SAVE** the 1/4-20 x 7/8" screw that secures the strut. (FIG. 4-1)
2. In the bottom section, remove and **SAVE** the 1/4-20 x 1" screw and washer. (FIG. 4-2)

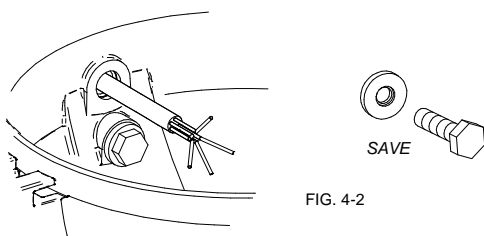


FIG. 4-2

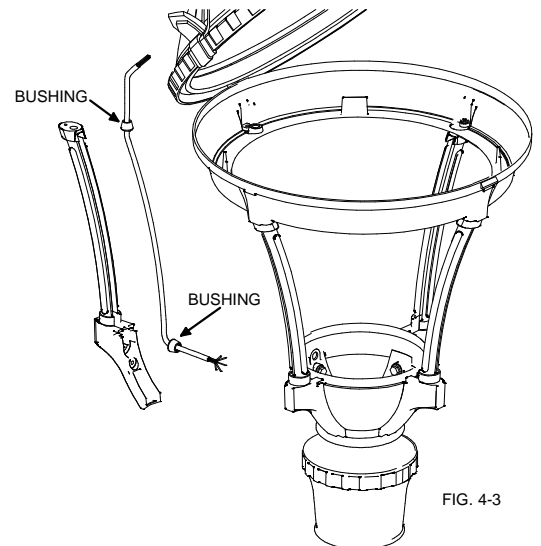
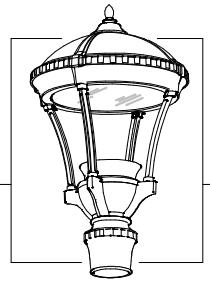


FIG. 4-3

3. Replace existing power cable and *grey* silicone bushings with new 5-conductor cable and *orange* bushings.
4. Re-assembly of the strut is the opposite of dis-assembly.



PROL2-LK Strike Optic Kit Installation Guide

Fixture: PROL - Providence Large Scale

5. ADD WIRE QUICK-DISCONNECTS

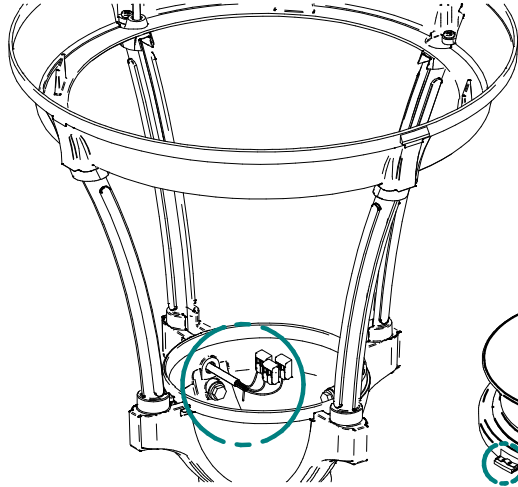


FIG. 5-1

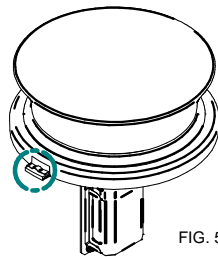


FIG. 5-2

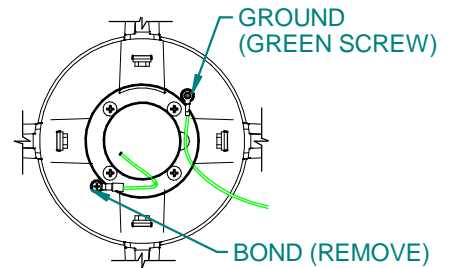
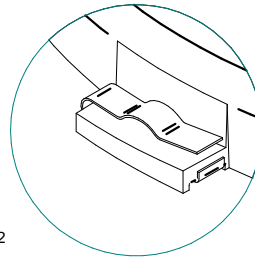


FIG. 5-4

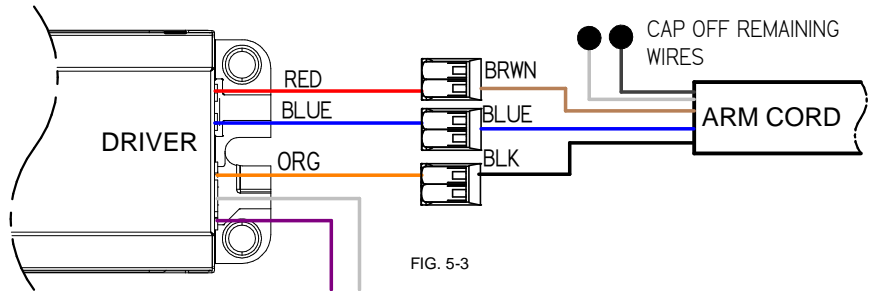
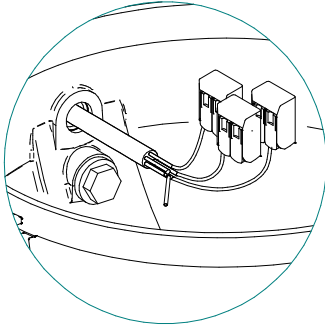


FIG. 5-3

1. Connect the provided waggo connectors to the power cable, use Brown, Blue and Black wires (see FIG 5-1). Cap off green/yellow and gray wires, these will not be used.
2. Install clips into the Slipfitter cap tabs per FIG 5-2. Do not place backwards.
3. Connect the driver wires to the waggo connectors following the FIG 5-3 wiring diagram.
4. See FIG 5-4. Connect grounding eyelet to existing ground screw in lower fixture casting area. The bonding screw & wire can be removed. (If existing, applications vary).

6. LED ENGINE & DRIVER ASSEMBLY

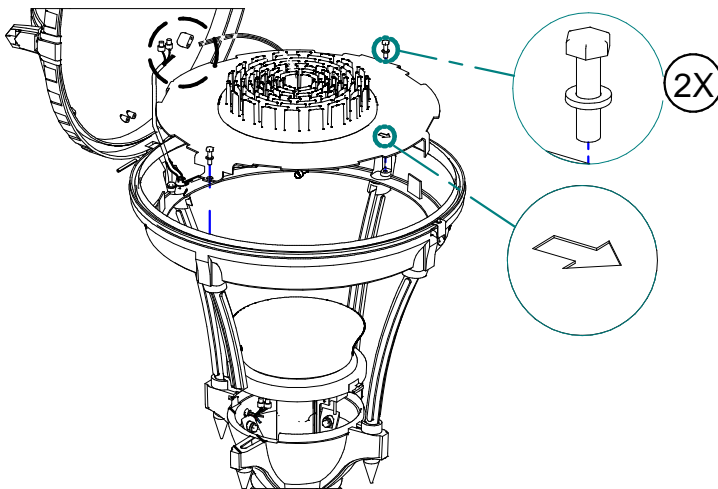


FIG. 6-1

1. Remove and discard the two (2X) strut screws that are located 90° from hinge location.
2. Note orientation of light pattern arrow. Arrow typically points towards street-side, away from dome hinge.
3. Install Light Engine assembly using (2X) supplied 1/4-20 x 1" screws (FIG 6-1).
4. Connect power cord to LED wires as shown at PG.5. Wiring may vary depending on the Lumen output option.
5. Connect power quick connector to existing incoming connector. Place and turn clockwise lower slipfitter cap into place. Follow FIG 6-2 to ensure cap is secured.
6. Lower lid, power fixture - UPGRADE COMPLETE.

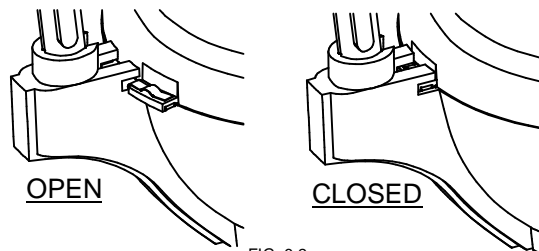
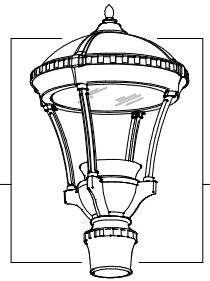


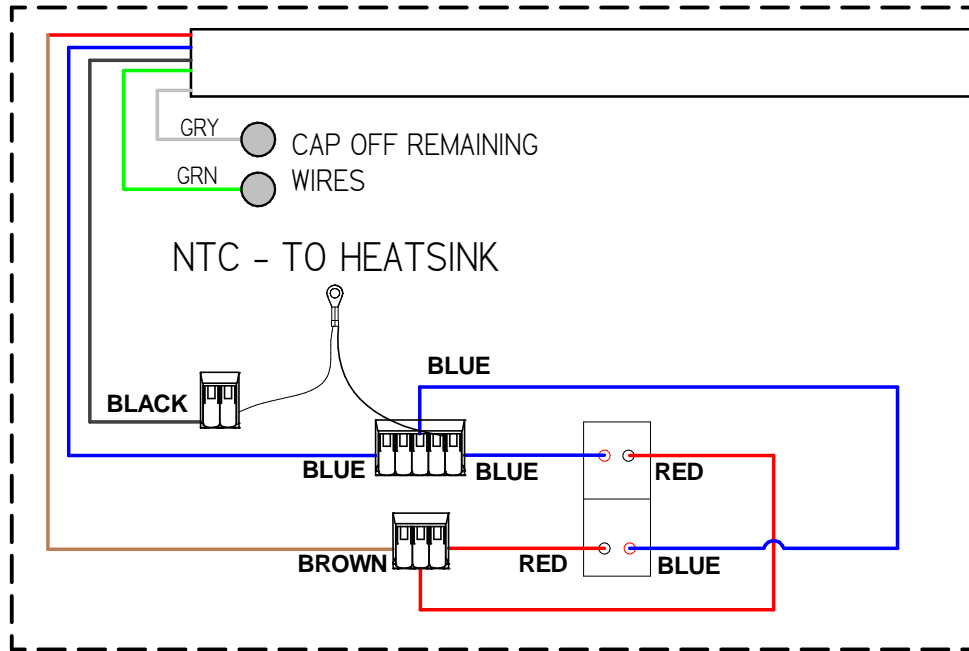
FIG. 6-2



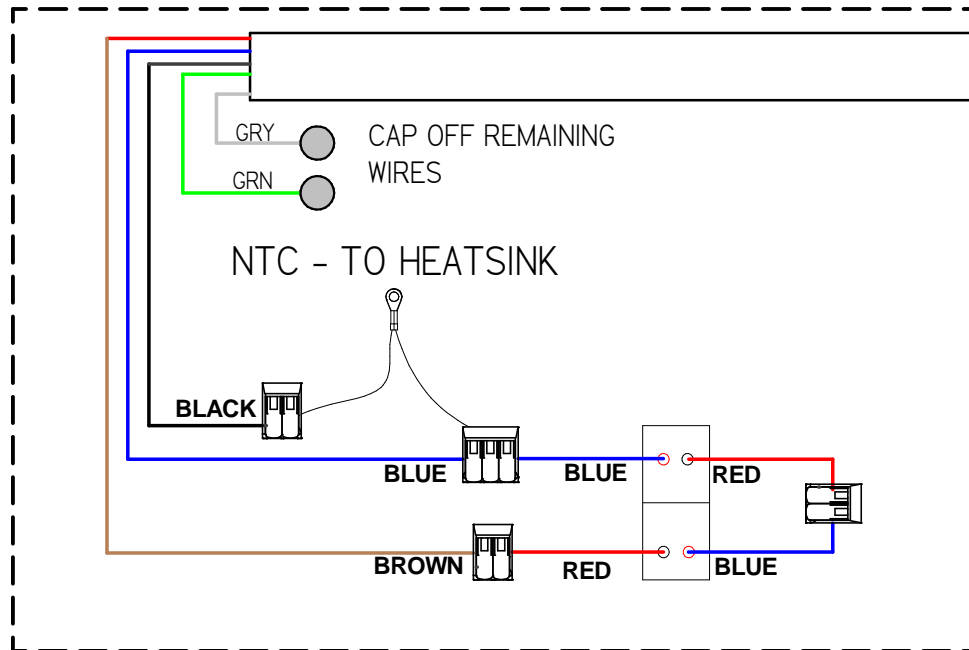
PROL2-LK Strike Optic Kit Installation Guide

Fixture: PROL - Providence Large Scale

WIRING DIAGRAM



270 AND 335mA WIRING DIAGRAM



425, 500mA AND 700mA WIRING DIAGRAM