

# PROV2-LK Strike Optic Upgrade Kit Installation Guide

Fixture: PROV - Providence Medium

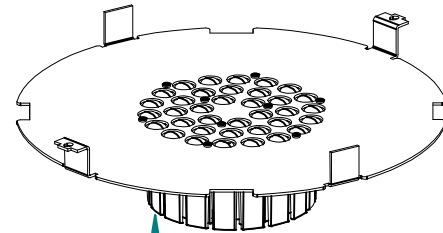
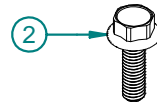
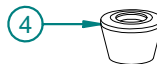
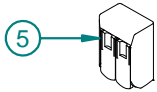
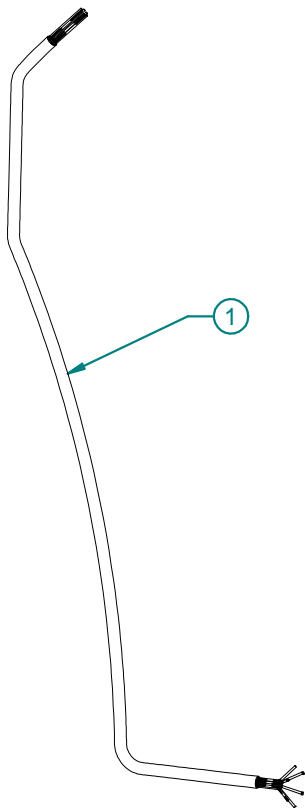


**WARNING:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

**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.

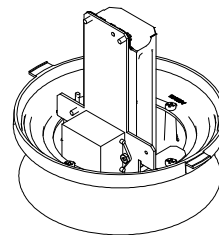
**CAUTION:** All wiring must be done by a qualified electrician. KEEP THIS SHEET FOR FUTURE REFERENCE.

## PACKAGE CONTENTS:

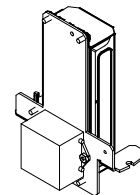


LED ASSEMBLY

DRIVER ASSEMBLY

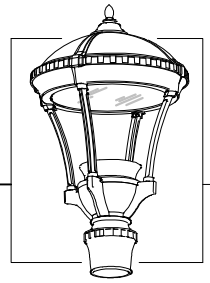


INDIRECT  
VERSION



HID/LED  
VERSION

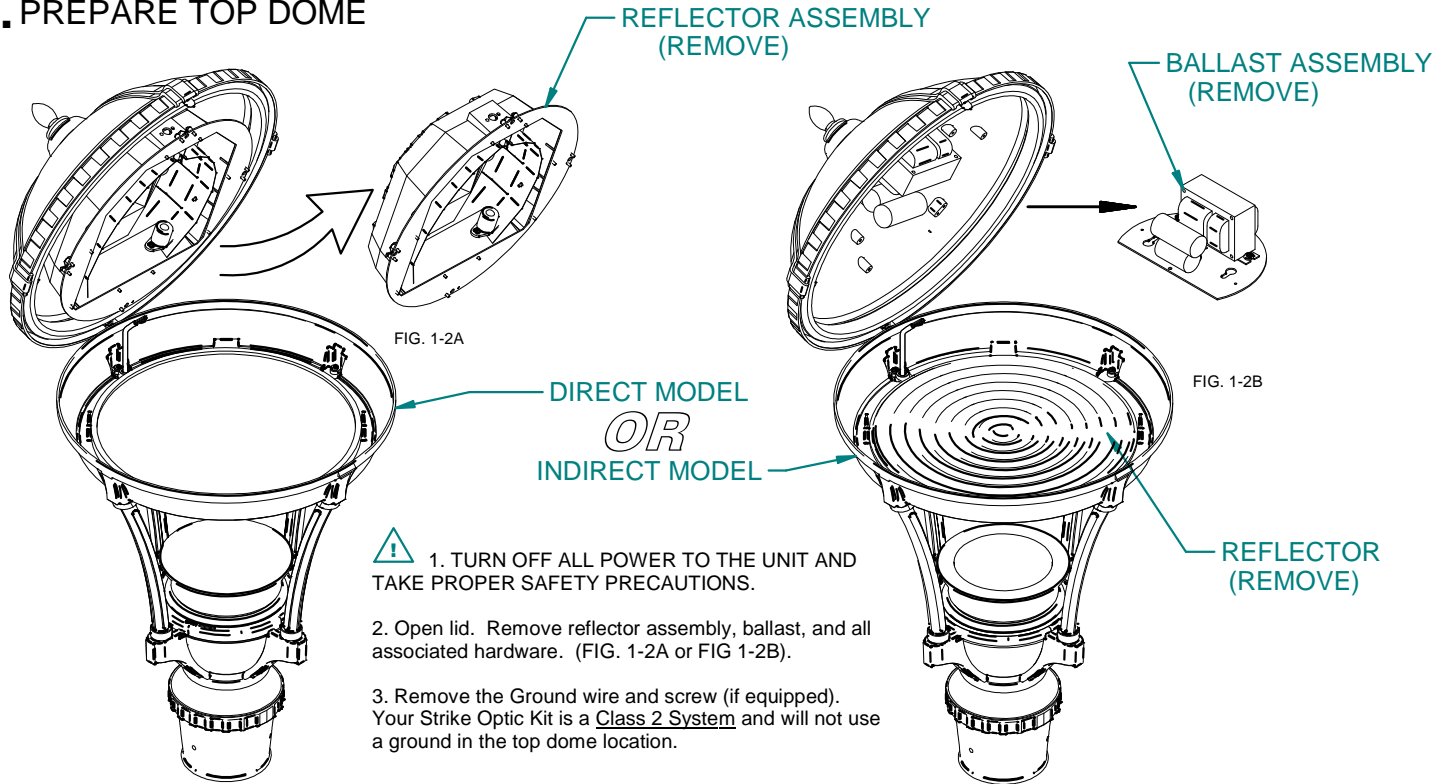
| 10     | 1   |             | OPTIC ASSEMBLY                     |             |
|--------|-----|-------------|------------------------------------|-------------|
| 9      | 1   |             | DRIVER ASSEMBLY                    |             |
| 8      | 1   | 93139649    | INSTALLATION INSTRUCTIONS PROV2-LK |             |
| 7      | 3   | 88033       | CABLE TIE 4in HEAT STABILIZED      | (NOT SHOWN) |
| 6      | 2   | A80120      | CLIP-FTR CAP BTM-PROV              |             |
| 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   | 23117829901 | SCR 10-24x.75 HXDHWMS STL ZN       |             |
| 1      | 1   | 93007211-24 | CBL-5 CNDCTR - 24in LONG           |             |
| ITEM # | QTY | PART #      | DESCRIPTION                        | NOTES       |



# PROV2-LK Strike Optic Upgrade Kit Installation Guide

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## 1. PREPARE TOP DOME



1. TURN OFF ALL POWER TO THE UNIT AND TAKE PROPER SAFETY PRECAUTIONS.
2. Open lid. Remove reflector assembly, ballast, and all associated hardware. (FIG. 1-2A or FIG 1-2B).
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.

## 2.

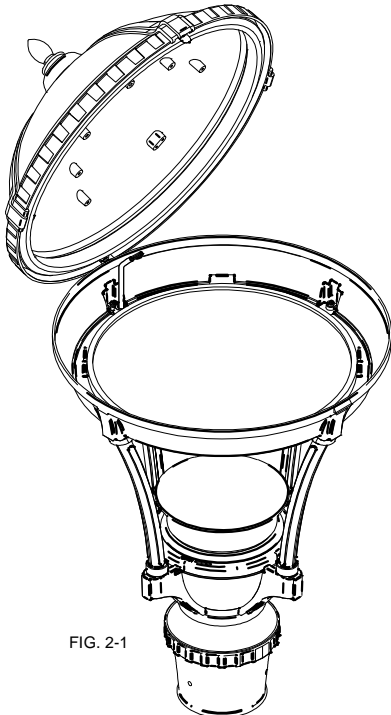


FIG. 2-1

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

## 3. LENS REMOVAL *or* INSTALLATION (OPTIONAL):

The fixture can be used with or without lens.

If installing lens, be sure the ridge on the gasket is on the bottom.

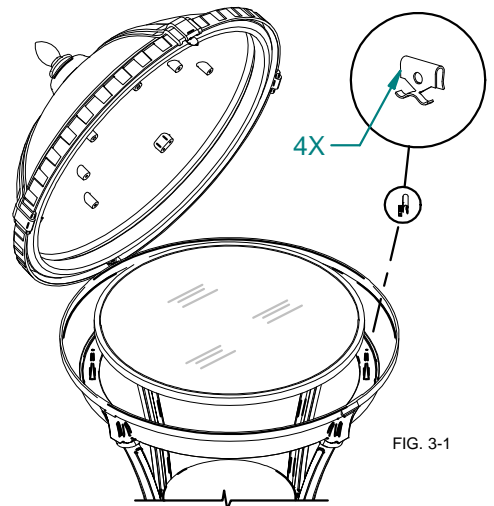
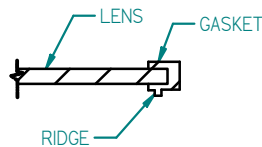
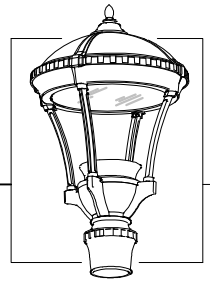


FIG. 3-1

To remove existing lens:

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.



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Fixture: PROV - Providence Medium

## 4. PREPARE DRIVER ASSEMBLY

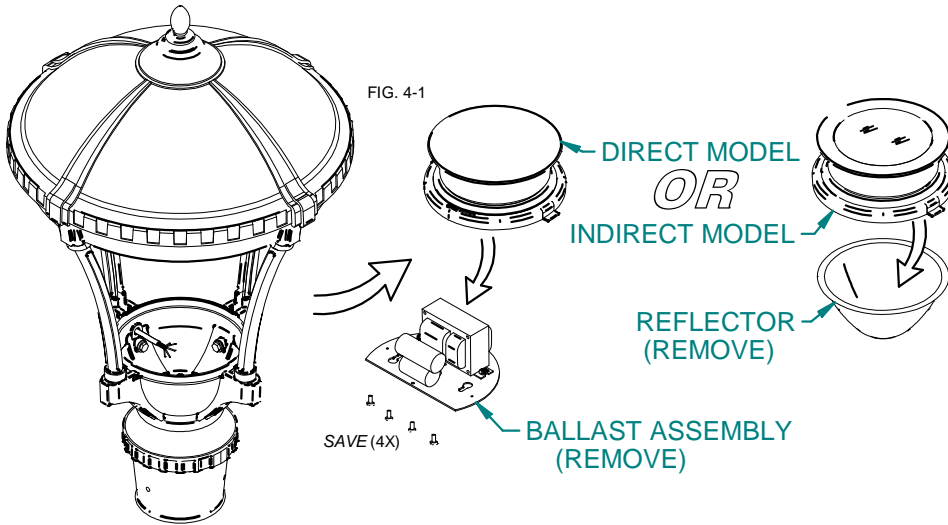
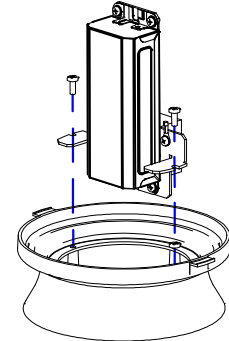
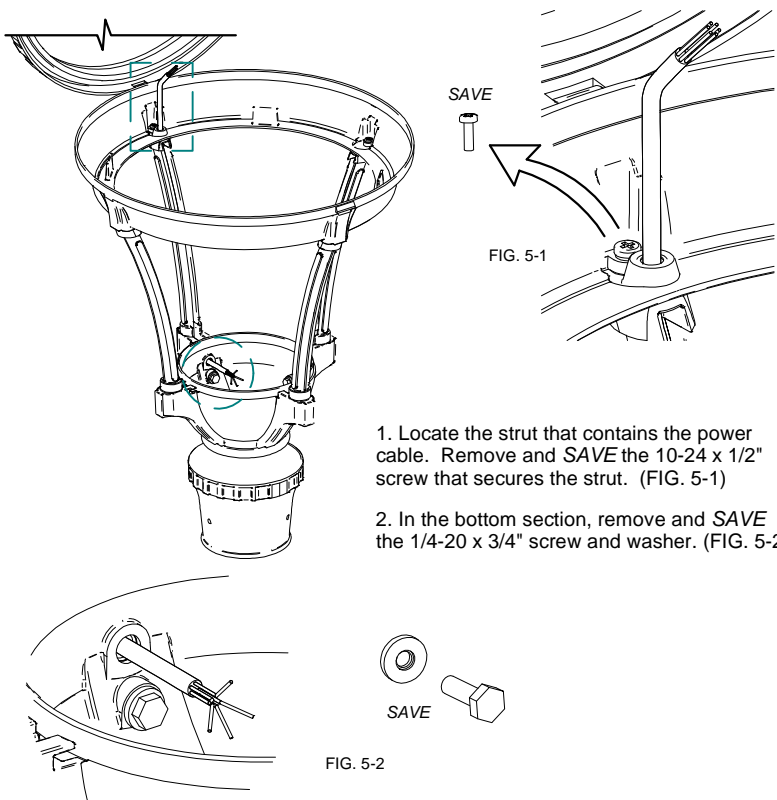


FIG. 4-5

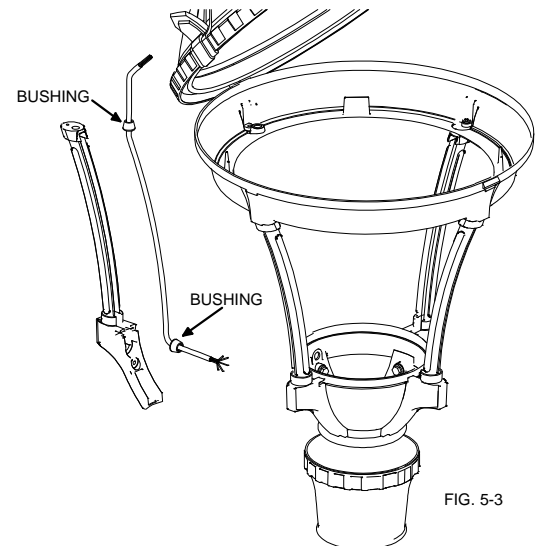


1. Remove Lower Slipfitter Cap by rotating it counter-clockwise.
  2. Remove ballast assembly (applications vary). Remove ground wire and screw.
  3. SAVE the four (4) 10-24 x 3/8" screws, they will be reused.
  4. Install LED Driver Assembly into slipfitter cap using existing screws from Step 3.
- (Driver assembly can be assembled into round slipfitter cap in any 90° orientation.)

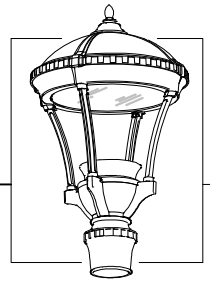
## 5. RETROFIT 5-CONDUCTOR CABLE



1. Locate the strut that contains the power cable. Remove and **SAVE** the 10-24 x 1/2" screw that secures the strut. (FIG. 5-1)
2. In the bottom section, remove and **SAVE** the 1/4-20 x 3/4" screw and washer. (FIG. 5-2)



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.



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## 6. DRIVER ASSEMBLY WIRING

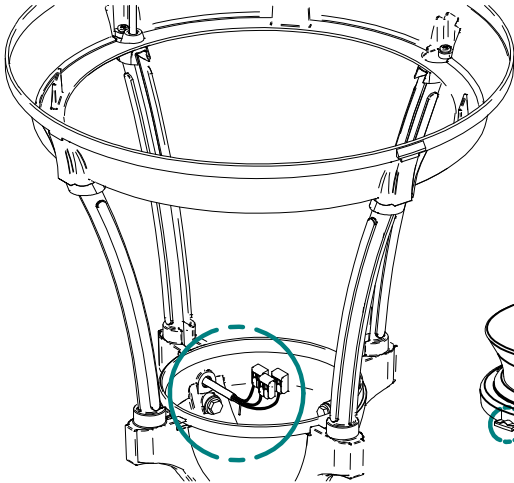


FIG. 6-1

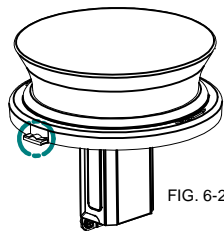


FIG. 6-2

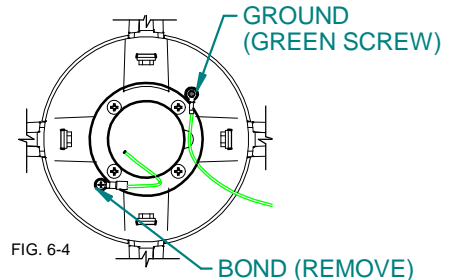
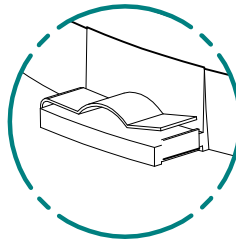


FIG. 6-4

1. Connect the provided waggo connectors to the power cable, use Brown, Blue and Black wires (see FIG 6-1). Cap off green/yellow and gray wires, these will not be used.
2. Install clips into the Slipfitter cap tabs per FIG 6-2. Do not place backwards.
3. Connect the driver wires to the waggo connectors following the FIG 6-3 wiring diagram.
4. See FIG 6-4. Connect grounding eyelet to existing ground screw in lower fixture casting area. The bonding screw & wire can be removed. (If existing, applications vary).

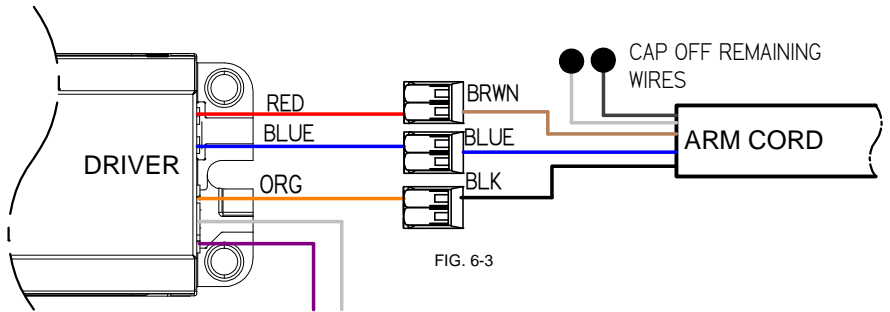
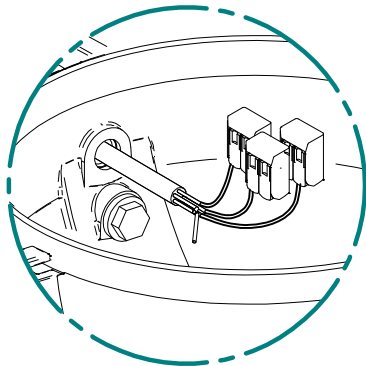


FIG. 6-3

## 7. LIGHT ENGINE ASSEMBLY WIRING

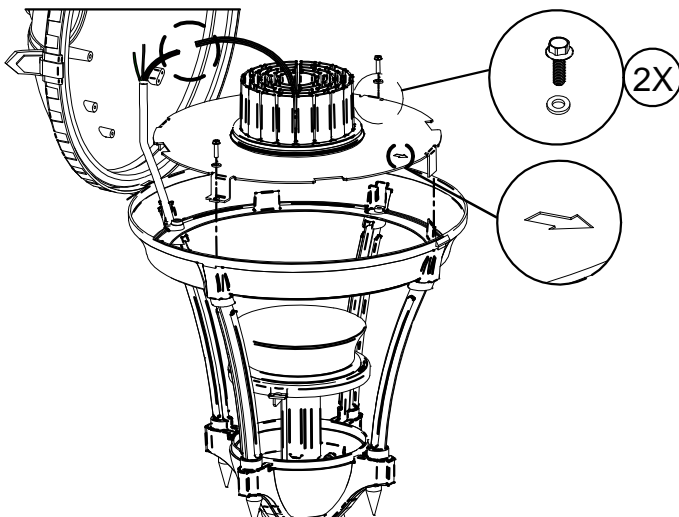


FIG. 7-1

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 10-24 x .75" screws (FIG 7-1).
4. Connect power cord to LED wires as shown at PG.5. Wiring may vary depending the Lumen output option.
5. Connect power quick connector to existing incoming connector. Place and turn clockwise lower slipfitter cap into place. Follow FIG 7-2 to ensure cap is secured.
6. Lower lid, power fixture - UPGRADE COMPLETE.

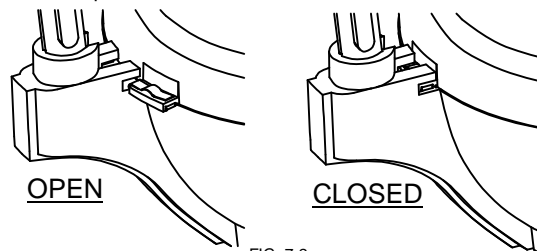
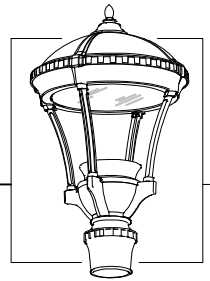


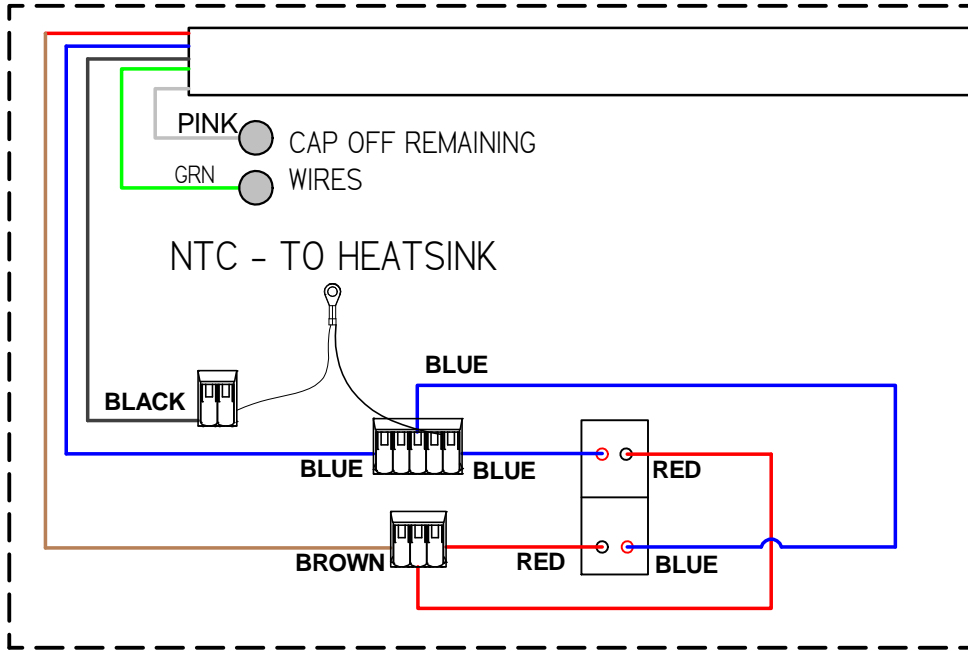
FIG. 7-2



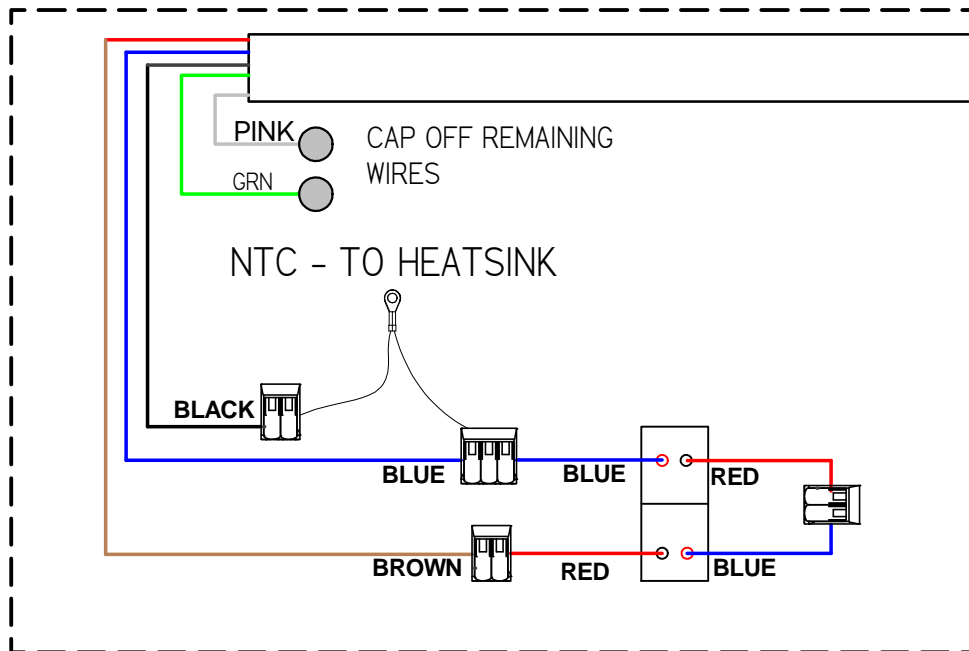
# PROV2-LK Strike Optic Upgrade Kit Installation Guide

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## WIRING DIAGRAM



## 295 AND 325mA WIRING DIAGRAM



## 510, 525mA AND 615mA WIRING DIAGRAM