

# DIY INSTRUCTIONS

## 3-Watt Advanced Lighting Kit (ALK)



Example Kit Components



|               |                  |  |
|---------------|------------------|--|
| #ALK-LH-3W    | (Heatsink 4pcs)  | <a href="http://www.ledsupply.com/alk-lh-3w.php">www.ledsupply.com/alk-lh-3w.php</a>         |
| #3023-D-N-700 | (Wired BuckPuck) | <a href="http://www.ledsupply.com/03023-d-n-700.php">www.ledsupply.com/03023-d-n-700.php</a> |
| #7040-PW750-N | (1-Up EndorStar) | <a href="http://www.ledsupply.com/7007-pw750-n.php">www.ledsupply.com/7007-pw750-n.php</a>   |
| #10732        | (Lens Holder)    | <a href="http://www.ledsupply.com/10732.php">www.ledsupply.com/10732.php</a>                 |
| #10208        | (Lens)           | <a href="http://www.ledsupply.com/10208.php">www.ledsupply.com/10208.php</a>                 |

Also Needed: Solder Iron, Solder & Epoxy [www.ledsupply.com/accessories.php](http://www.ledsupply.com/accessories.php)

PLEASE NOTE other components can be used besides the LED, LED Driver and Optics used in this example!  
Easily screws into universal Junction Box Cover (1/2" Male Electrical Thread)



Steps 1-8



Steps 9-10



Steps 11-12



Steps 13-15

**\*\*READ ALL STEPS FIRST\*\***

NOTE: Carclo Optic Holders Part# 10732, 10734 & 10736 fit better when tabs are cut off along top edge

- STEP 1)** Apply solder to POS & NEG solder pads
- STEP 2)** Apply solder to output wires of BuckPuck
- STEP 3)** Screw ALK-20M-1UP-EH into ALK-LH-3W
- STEP 4)** Feed output BuckPuck wires through bottom of ALK-LH-3W and up through the top of ALK-20M-1UP-EH
- STEP 5)** Solder output BuckPuck wires to respective LED solder pads
- \*\*\*STEPS 6-11 CAN BE DONE SEPARATLY OR AT ONCE IF DONE WITHIN 5 Minutes
- STEP 6)** Mix a small amount of Epoxy
- STEP 7)** Spread epoxy on base of ALK-20M-1UP-EH (where LED will sit)
- STEP 8)** Place LED on base
- STEP 9)** Dip legs of Lens Holder into Epoxy (make sure lens is in holder)
- STEP 10)** Place Lens Holder down on LED
- STEP 11)** Spread Epoxy around base of ALK-20M-1UP-EH
- STEP 12)** Slide cover of ALK-20M-1UP-EH down over Lens Holder and LED
- STEP 13)** Insert BuckPuck into ALK-LH-3W
- STEP 14)** Spread Epoxy around bottom cover
- STEP 15)** Thread BuckPuck power input wires out through hole in the bottom cover and epoxy in the bottom cover

COMPLETED KIT