

DIY INSTRUCTIONS

15-Watt Advanced Lighting Kit (ALK)



Example Kit Components

#ALK-LH-15W	(2pc Heatsink)	www.ledsupply.com/alk-lh-15w.php
#ALK-20M-3UP-EH	(2pc Engine Housing)	www.ledsupply.com/alk-20m-3up-eh.php
#3023-D-N-1000	(Wired BuckPuck)	www.ledsupply.com/3023-d-n-1000.php
#CREEXPG-W417	(3-Up Cree XPG)	www.ledsupply.com/creexpg-w417.php
#10511	(Lens)	www.ledsupply.com/10511.php

Also Needed: Solder Iron, Solder & Epoxy 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 1-5



Steps 6-8



Steps 8-12



Steps 13-15

****READ ALL STEPS FIRST**

- STEP 1)** Apply solder to POS & NEG solder pads
- STEP 2)** Apply solder to output wires of BuckPuck
- STEP 3)** Screw ALK-20M-3UP-EH into ALK-LH-15W
- STEP 4)** Feed output BuckPuck wires through bottom of ALK-LH-15W and up through the top of ALK-20M-3UP-EH
- STEP 5)** With output wires up through center of LED, solder 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-3UP-EH (where LED will sit)
- STEP 8)** Place LED on base
- STEP 9)** Dip legs of Lens Holder into Epoxy
- STEP 10)** Place Lens Holder down on LED
- STEP 11)** Spread Epoxy around base of ALK-20M-3UP-EH
- STEP 12)** Slide cover of ALK-20M-3UP-EH down over Lens Holder and LED
- STEP 13)** Insert BuckPuck into ALK-LH-15W
- 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