

Congratulations on your purchase of the LED360/460-T-TS LIGHT KIT!

The LED360/460-T-TS LIGHT KIT will work on any motorcycle fitted with a top-mounted GIVI E360 or E460 topcase. The AdMore kit is easy to install and significantly enhances your visibility on the road and the good looks of your E360 or E460 case. Each kit contains two high intensity LED light arrays that fit perfectly behind the original wrap-around red lens of the GIVI case. The power harness with the embedded mini controller fits neatly under your motorcycle seat or behind the tail light assembly. The mini controller allows you to connect the light kit to your bike's tail and brake lights **and turn signals**. Your case lights will always be on when riding, the lights will brighten when you apply your brakes and the lights will flash with your turn signals.

For color photos and an electronic version of these instructions, please visit:

<http://www.admorelighting.com/docs/ADML-LED360460TTS.pdf>

(Please note: Link address is case sensitive and must be typed exactly as shown).

***Please note: We make no guarantee that the LED360/460-T-TS LIGHT KIT is legal for street use in your area. You should never rely on your LED360/460-T-TS LIGHT KIT alone – always ensure that your stock brake light and turn signals are functioning properly. The LED360/460-T-TS LIGHT KIT is intended to complement your bike's original safety lights for added safety.***



Figure 1

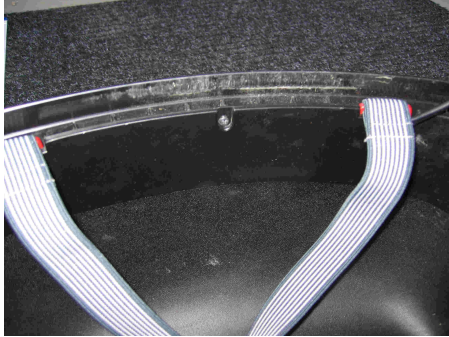


Figure 2



Figure 3



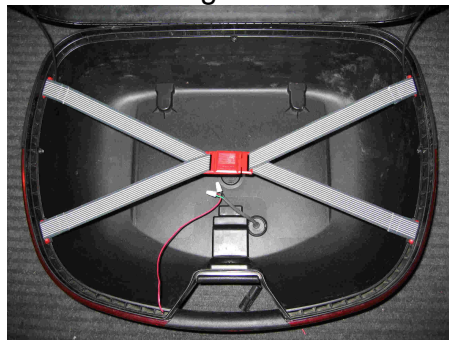
Figure 4



Figure 5



Figure 6



## LED360/460-T-TS LIGHT KIT with turn signal function

### Installation Instructions

1. Loosen right screw inside case but do not remove (Fig. 1).
2. Loosen (but do not remove) both screws under handle of case (Fig. 2).
3. Gently lift red lens and black moulding on right side of case.
4. Measure 3½" (90mm) from center of case along white backing. Mark hole spot in center of white backing and confirm location is in line with first channel on inside of case. Carefully drill a hole (approximate size 5/32" or 4mm) through the first layer only of case. Use caution not to drill into the inside layer of the case (Fig. 3).
5. Feed the LED strip wires from the outside of the case through to the inside using a small screwdriver to help pull the wires up and out from inside the case. Center the LED strip along the center of the white backing and carefully place the red lens over the strip ensuring that the strip sits within the center channel of the red lens with LED's facing outward - i.e. towards the lens (Fig. 4).
6. Reassemble lens and moulding and tighten right screw.
7. Repeat steps 1-5 for left side LED strip and then tighten all four (4) screws on case but do not over-tighten!
8. Turn case upside down. Drill a pilot hole just below one of the two catches on side of bag\*. (Note: Ensure that the location of the connector will not interfere with a backrest or any other accessory). Use the supplied 7/16" drill bit to enlarge hole to the required size (Fig. 5).
9. From inside of bag, insert male end of connector and harness through hole and secure on outside of bag using supplied nut. Ensure connector is tight (hand tighten only). **Do not over tighten or the connector may break!** Note that it may be necessary to discard the rubber washer in order to screw the nut onto the threads of the connector.
10. Using supplied heat shrink, slide 1 piece of heat shrink over each of pair of the LED strip wires and gently heat for a few seconds.
11. Strip all wires approx. ½" (13mm). Using supplied crimp connectors, connect both red wires from LED strips with red wire from harness.
12. Connect the black wire from the left LED strip with the yellow wire from the harness using supplied crimp connectors.
13. Connect the black wire from the right LED strip with the green wire from the harness using supplied crimp connectors.
14. Note: all wires may be shortened to meet your specific installation and routing preferences.
15. Proceed to LED360/460-T-TS LIGHT KIT Wiring Instructions
16. Tidy up installation securing all cables. Use the included cable clamps to secure the cable to the inside of your case. Be sure to clean surface with an alcohol wipe prior to affixing the cable clamps to ensure maximum adhesion.

#### Tools/items required:

- Drill with standard drill bits
- Small Phillips screwdriver
- Electrical tape
- Circuit tester (if available)

#### Items supplied:

- 2 -12" LED strips
- 1 - 5-wire power harness with embedded mini-controller
- 1 - 3-wire case harness for mounting within case
- Connector kit with cable clamps
- 7/16" drill bit
- 2 - 6" heat shrink
- These instructions
- Warranty card

\* The connector can be placed in any number of places on the case. We recommend, mounting the case on your rack to determine exactly where you most prefer to install the connector. Should you make a mistake or change your mind in the future, we can supply complementary plugs to fill a 7/16" drilled hole. Contact us at [www.admorelighting.com](http://www.admorelighting.com).

## LED360/460-T-TS LIGHT KIT

### Wiring Instructions

Your AdMore Light Kit has been designed to operate with the tail, brake **and turn signal** light functions of your motorcycle or scooter. Using the supplied wire tap connectors, look as close to the rear taillight as possible to locate the indicated wires:

5-Wire Harness	Your Motorcycle
BLUE*	+ 12V (switched)
RED	Brake Light wire
GREEN	Right Turn Signal wire
YELLOW	Left Turn Signal wire
BLACK	Ground

\* Blue wire must be connected to switched +12V to operate the embedded mini controller. On many motorcycles and scooters, the tail light wire may be used for this purpose. For motorcycles or scooters with a single brake/tail light wire, connect the Blue wire to a +12V source switched with the ignition. Connect the Red wire to the single brake/tail light wire.

Mount top case on motorcycle or scooter and attach harness from bike to male connector on bottom of case. Note: Connector locks by inserting and turning (1/4 turn).

Test functioning of the light kit with your motorcycle's tail & brake lights & turn signals.

**CAUTION:** The controller embedded in the main power harness **MUST NOT** be submersed in water. Ensure that the controller is placed in a location that does not fill with water!

#### Troubleshooting:

1. Ensure the Blue wire is connected to +12v
2. Ensure Black wire is connected to a solid ground
3. If lights still do not illuminate, test the power harness by connecting the Blue wire directly to +12v of a battery and the Black wire to solid ground.

Visit [www.admorelighting.com](http://www.admorelighting.com) for information on other AdMore products, replacement parts and special offers!