

# Lighting the RV Step Treads

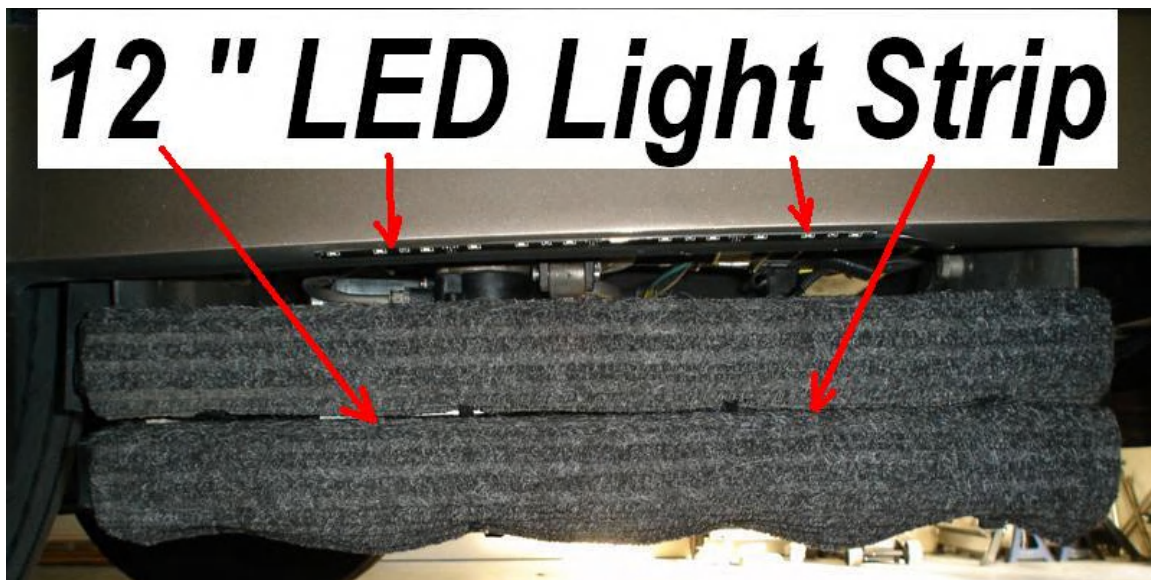


My Loving Wife recently made a request for me to add lighting to illuminate the top of the RV step treads. Our 2007 Phaeton has the Kwikkee 32 series steps, which has two step treads. Kwikkee installs a small light under the step mechanism with a yellow lens. The yellow light does not light the top surface of the step treads but instead shines the light on the ground under the coach. After scratching my head for a while I thought about installing LED lighting to illuminate the top surface of both steps. I checked my local automotive parts stores but found their LED lighting was mostly high intensity lighting which would be too bright for this project. Then I checked our Walmart for other LED lighting possibilities. Walmart had a LED lighting product which I thought would work great for this project. The lighting comes packaged as two 12 inch Flex strips of bright white LED's for \$ 17.88 plus tax.

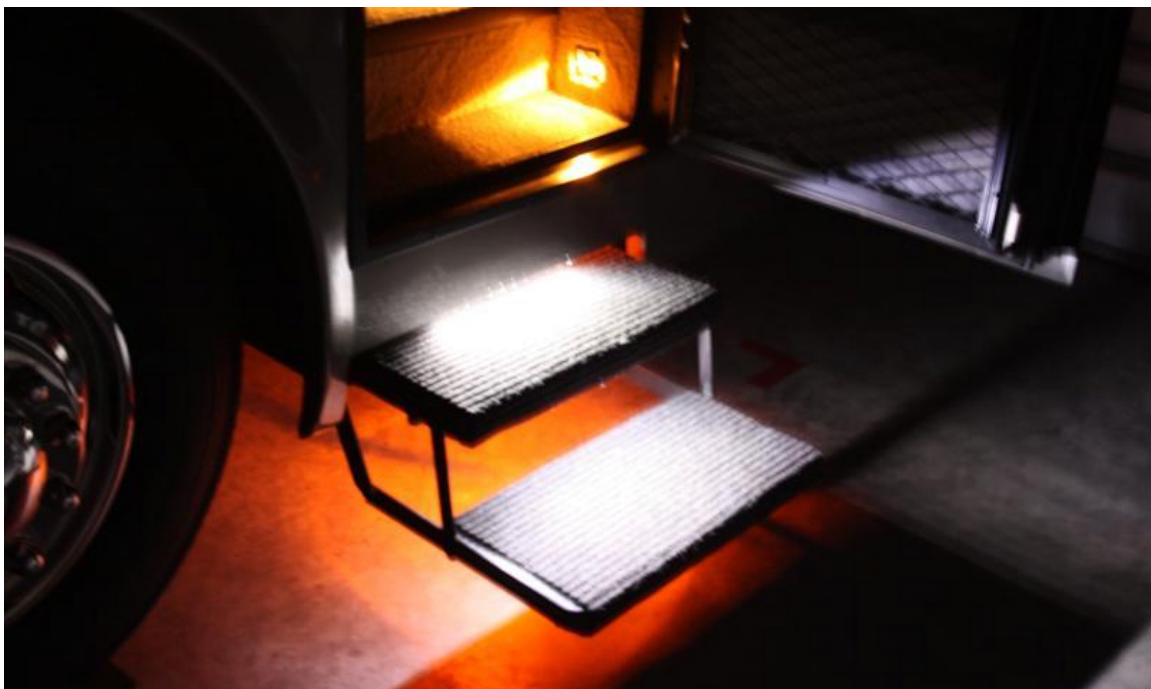


During installation I wired the LED lighting into a previous step lighting modification. After this additional modification, when the door is opened the Floor Lights, LED Step Tread Lighting and the Yellow Kwikkee OEM Light ALL illuminate for five minutes, by timer. After five minutes if the door is still open ALL of the lights will turn OFF. A second option I created by turning ON the Floor Light Switch located on the passenger side console the Floor Lights, LED Step Tread Lights and the Kwikkee OEM Yellow Light will illuminate and stay ON until the Floor Light Switch is turned OFF.

Below is a picture of our RV's steps with the two flex LED light strips installed. The strips come with a 3M adhesive strip for attaching. I stuck the top strip to the fiberglass lip above the steps as shown below.



The bottom strip is stuck to a 1/16" x 3/4" x 14" piece of Aluminum flat bar purchased from Lowe's for about \$ 1.50. The bar was tie wrapped to the underside of the top step so it can illuminate the top of the bottom step.



Pardon my amateur no flash photograph. As seen above the Floor Lights, LED Tread Lights and the Kwikiee OEM Yellow light all illuminate my coach entrance steps and the area around them when the door is opened.