

Emergency Option Compact Fluorescent Downlights

Several Capri compact fluorescent downlights are available with an emergency option. An emergency option on a compact fluorescent downlight means that the downlight is designed with an emergency battery backup which will allow the lamp to operate temporarily in the event of a power outage. Emergency light output usually offers half the lumen output of the lamp and will last 90 minutes.

Emergency back up lighting is important for commercial spaces, retail establishments, and multi-family dwellings in the event of unpredictable conditions such as a blackout. Emergency lighting, also referred to as egress lighting, is required by the Structural Code for most buildings, and will provide light among exit pathways and will allow individuals to safely move about the space until power is restored.

Capri Compact fluorescent downlight emergency options can be either integral or remote.

Integral Emergency Option: An integral emergency option is indicated by an “E” at the end of the catalog number for both the trim and the housing. Integral emergency means that the test switch and indicator light will be integral to the trim. The trim will have two windows in it: one for the lamp socket, and one that will allow the test switch and indicator light to peek through. An integral emergency option can be accessed from below the fixture once installed which means the test switch can be pressed at any time to verify that the battery backup is functioning properly. If the indicator light lights up after the switch is pressed, the emergency back up is working. If it does not light up, the electrician must be notified and the troubleshooting should begin to identify the problem. Integral emergency options are preferred for open trim applications so that the test switch can be easily accessed.

Remote Emergency Option: A remote emergency option is indicated by an “ER” at the end of the catalog number for the housing only. ER means that the emergency option will be remote mounted (ER= Emergency Remote). A remote mounted emergency option will be located some place other than inside the trim, hence the name remote. A test switch plate will be shipped along with the test switch, indicator light, and battery back up in this case. The switch plate resembles a light switch cover, and will sit flush against the ceiling or other flat surface once installed. Although this remote switch will be located outside of the trim, it has the same primary function as the integral remote system has. A remote option can also be tested at any time by pressing the switch and observing the test indicator light. Remote emergency options are preferred in applications where a lensed trim is used, as the lens typically prohibits one from accessing the inside of the trim easily.

ERFK: A remote emergency accessory supplied with mounting hardware and bar hangers is indicated by an “ER-FK” (Emergency Remote Field Kit). The ER-FK includes the emergency ballast installed to a mounting plate, pre-installed adjustable pre-nailed BH1 bar hangers, necessary flex, and a test switch/ charging indicator light mounted to a standard gang plate. As with the standard remote emergency option, the test switch and charging indicator light are installed exterior of the fixture and typically adjacent to the fixture when in the ceiling. The ER-FK is an accessory to be used when an emergency option needs to be added to an existing fixture after the fact.