

Socket Supporting. Vs. Bracket Required Trims

Capri residential downlights use one of two types of trims: socket supporting or bracket required. Many Capri downlights ship with a removable socket plate that allows for use with either of these types of trims, each of which is described below.

Bracket Required Trims

Bracket required trims are half as tall as socket supporting trims. These trims are open at the top, and require the use of a socket plate for installation into a downlight. Bracket required trims do not have any method for holding a socket in place, thus the reason for the socket plate. A socket plate is held in place inside a downlight by a wing nut and has a punch-out in the middle that holds the socket in place. Two small coiled spring clips ship on each bracket required trim which clip into holes in the socket plate for installation.



Bracket Required

Bracket required trims require less materials and are lower in cost than socket supporting trims. Depending on the type of lamp used, there will be a gap of varying degree around the perimeter of the trim opening, exposing the aluminum color of the socket plate. These trims are an excellent solution for a contractor/ builder to use when abiding by a conservative budget or when waiting for a home owner to choose an alternate specialty trim for his downlight application. These trims have separate polycarbonate trim rings that can be replaced in the event of loss or discoloration and trim options include a baffle, cone, wall wash, or shower trim.

Socket Supporting Trims

Socket supporting trims are taller than bracket required trims and have a punch-out at the top of the trim that is capable of accommodating a socket. In other words, the socket supporting trim does exactly what it's name implies---it supports the socket. Two small metal clips permit the socket to be secured into the top of the trim before the trim is inserted into the housing opening. Once the socket is secured into the punch-out at the top of the trim, the trim installs into the downlight by means of either torsion wires (often referred to as tension springs or chicken wings) or leaf spring clips, the socket assembly is sturdy and the lamp can be installed with ease.



Socket Supporting

Socket supporting trims utilize more materials than bracket required trims and vary in price. Since most socket supporting trims are "full" and stretch the entire length of the inner can in the downlight, one cannot see any part of the aluminum colored materials of the downlight after the trim and lamp are installed. Socket supporting trims are fully enclosed and limit the airflow between the occupancy zones and the attic space more effectively than the bracket required trims. Capri offers different finishes and styles as options for these trims, allowing the home owner to coordinate with other hardware, or simply "dress" his downlights up using an assortment of trims. Some of these trims have separate polycarbonate trim rings, and the balance is self flanged. The self-flanged option means that the trim ring is not a separate piece, rather it is part of the trim, and in some cases, the flange is the same color as the reflector inside the trim.

***Capri warranties and UL listings are valid only if Capri housings are used in conjunction with Capri trims, and vice versa. Capri does not verify compatibility with it's downlights/ trims and competitor products.*