

White Opal Acrylic Lens

One of the most common lenses for a wet location application is the white acrylic lens. Being plastic, it is resistant to shattering and is commonly used for showers and other applications where the potential for glass rupture is unacceptable and where the trim must be a dead front, aka non-conductive. A drawback to white acrylic opal is low light transmission due to high absorption of otherwise usable light. Capri Lighting has an alternative.

Capri offers a clear diffuse all-plastic trim for the CR1, QL1 and CFR62H13, 18 and 26 watt models. Catalog number PSH12CLR and PSH16CLR incorporate a diffuse clear lens with a white flange which offers over 80% transmission quality compared to 40% from white opal. Field measurements show over a 70% increase in light levels when compared to the white opal on a twin tube 13 watt compact fluorescent recessed down light.

The PSH12 is a flat lens model and the PSH16 is a drop lens model.

One would think that a clear lens would provide visible lamp image. This is not the case with this lens as a diffuse finish eliminates visible lamp image.

This is a great product and would provide excellent results for your next plastic lens wet location job requirement.