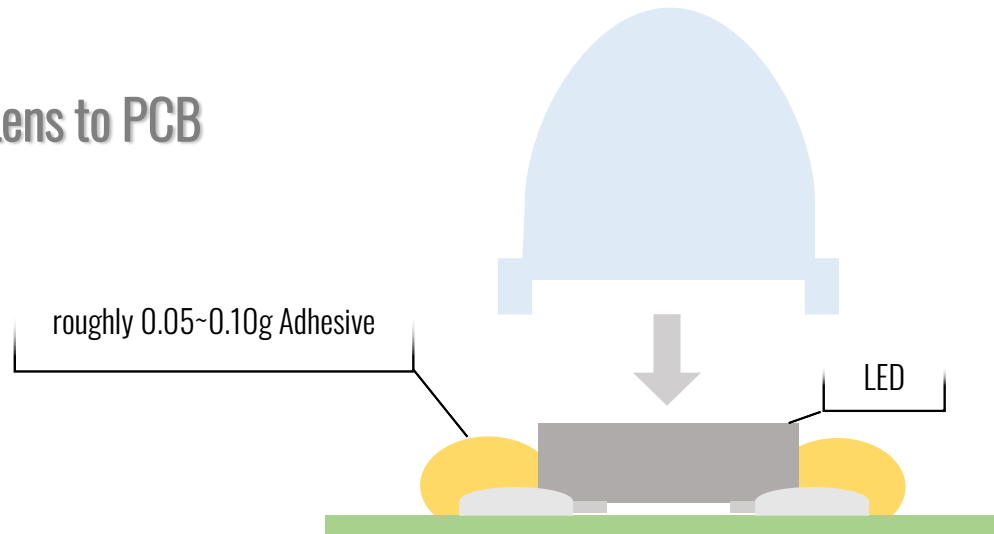


## Adhesion

ASA COLOR lenses are not self-adhesive and must be attached using some type of adhesive or mechanical attachment.  
Adhesion method for DUV lens is detailed below.

### Lens to PCB



Ensure no floating or tilting of lens before curing  
Recommended for opaque or room temp-curing adhesives

In addition to strength and compatibility with your processes, ensure your selected adhesive:

- Is silicone based
- Has low siloxane levels
- Has high viscosity
- Is suitable for the UV environment or is protected from the UV irradiation

## Mechanical

---

ASA COLOR lenses are not self-adhesive and must be attached using some type of adhesive or mechanical attachment. Mechanical attachment is illustrated below.

### ASA Color standard lenses are flanged for mechanical attachment

Our recommended solution is a securing plate with a hole of ~5% larger diameter than the lens optic, fitted over the lens.

Care must be taken to ensure no scraping or other physical damage to the lens optic when mounting.

This method has the advantage of easier lens replacement while preserving the LED, especially for usage cases where a lens might be exposed to damage or contamination.

