

# Angular Reflective Material Installation Tip

**Notice to Installer:** Please use the following installation instructions to obtain superior optical performance from the CineGrey 3D, CineGrey 4D and CineGrey 5D Angular Reflective ALR (Ambient Light Rejecting) Screens.

- Angular-Reflective material is not compatible with ultra/short-throw projectors
- Ambient light must not come from the same direction as the projector
- Higher Lumen Projectors perform best in ambient light room environments

Since angular-reflective means that the projected image will reflect at the mirror-opposite angle, it is important to position the projector so that the viewer will get the best possible image.

**Step 1:** Establish the general “eye level” of the viewers

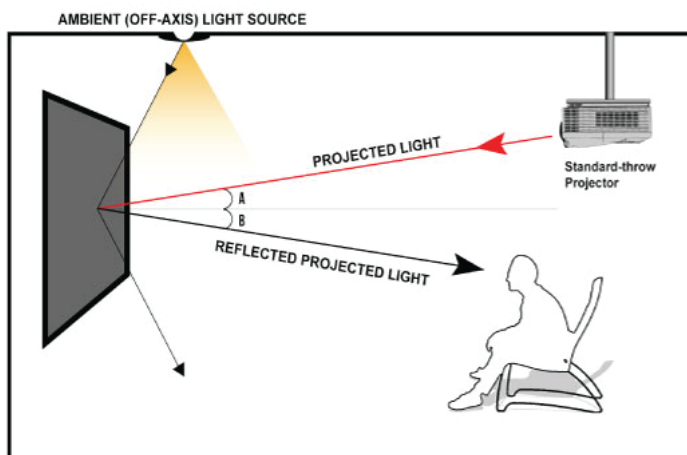
**Step 2:** Set the appropriate projection level

**Step 3:** Adjust the screen height level and projection angle

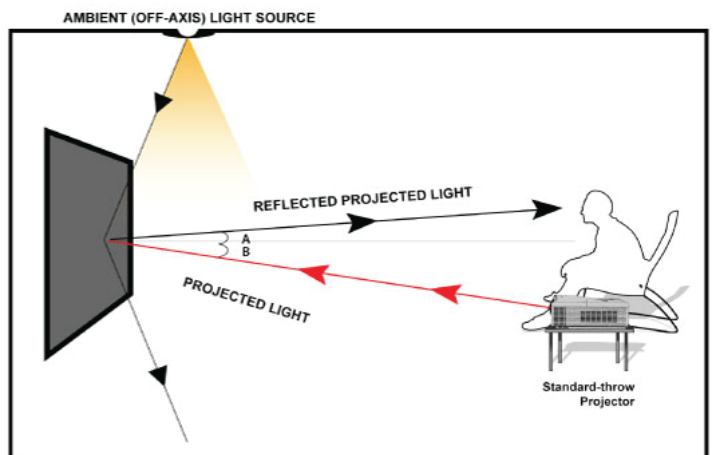
Input Angle (A) = Output Angle (B) aligns with the viewer's angle

## Correct Installation Examples

**Projector Ceiling Installation:** Make sure the projector (*light in*) is angled (A) to reflect (B) at the mirror-opposite angle (*light out*) to align with the viewer's eye level.

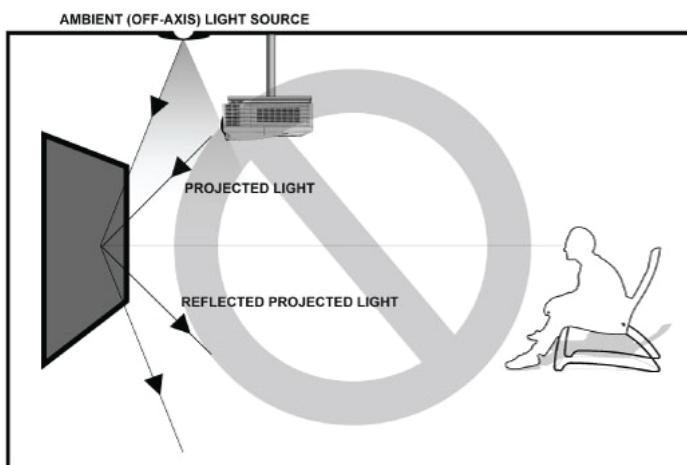


**Projector Table Top:** Make sure the projector (*light in*) is angled (A) to reflect (B) at the mirror-opposite angle (*light out*) to align with the viewer's eye level.

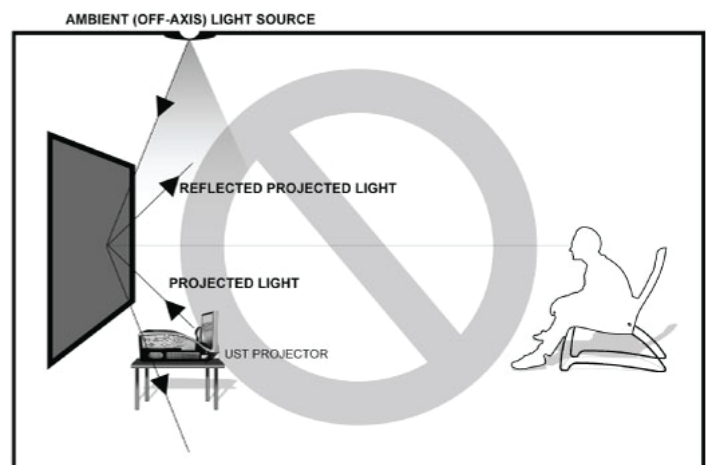


## Incorrect Installation Examples

**Ceiling Mounted Ultra Short-throw Projector**



**Tabletop Ultra Short-Throw Projector**



**Note:** Improper installation will result in light loss and produce a dark image. This is due to the projector's light reflecting in the wrong direction.

*Images are not up to scale and are for illustration purposes only.*