

# **Angular Reflective Material**

Installation Tip -

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

- •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

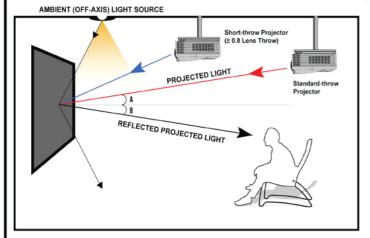
Step 3: Adjust the screen height level and projection angle

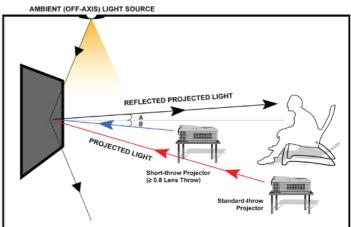
Input Angle (A) = Output Angle (B) aligns with the viewer's angle

### **Correct Installation Examples**

<u>Projector Ceiling Installation:</u> 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.

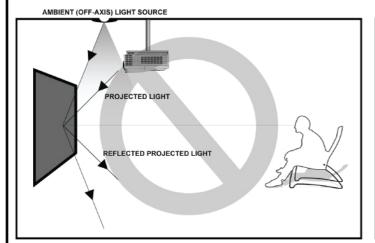
<u>Projector Table Top:</u> Make sure the projector (*light in*) is angled (A) to reflect (B) at the mirror-opposite angle (*light out*) to align with the viewer's eye level.



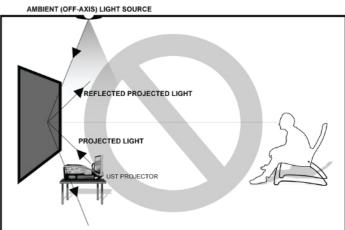


## **Incorrect Installation Examples**

#### 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.