

# JK<sup>®</sup> ALR SCREENS

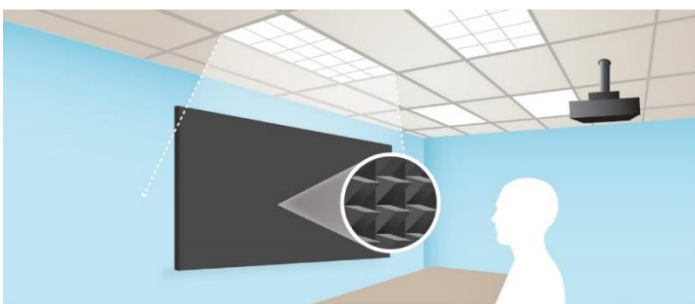


ALR screens will exceed your expectations on every level compared to the performance of a matt white screen. A realistic high-resolution image is created by reflecting light back to the audience. The screen eliminates the re-reflection of light coming from off-axis sources such as lighting and windows. JK proudly boasts a superior quality ALR screen that **won't disappoint**. ALR screens allow you to clearly see projected content even when you're not in a completely darkened room and are ideal for environments with uncontrolled ambient light. Current trends in construction and architecture are focused on open-plan layouts that bring natural elements, such as sunlight, into commercial and residential spaces.

For the best image quality, pair your ALR screen with a laser projector or a short-throw laser projector.

## So how does it work?

JK ALR screens work best when the ambient light and the projectors' light are coming from different directions.



*Diagram: Screen layers*

The JK screen consists of a series of layers. There is a highly reflective base layer. On top of that, the micro-layered optical lens surface absorbs light from above, and a second diffusion layer filters out off-axis lighting. The centre point of view, on any projection screen, is the brightest. As the viewer moves to either side or “off-axis,” the image becomes less bright. With the JK ALR screen, light is rejected from the centre line of the screen and continues at a diminishing amount all the way to the half-gain angle of the screen. This results in a surface designed and manufactured to provide very wide viewing angles while maintaining a high percent of ambient light rejection.

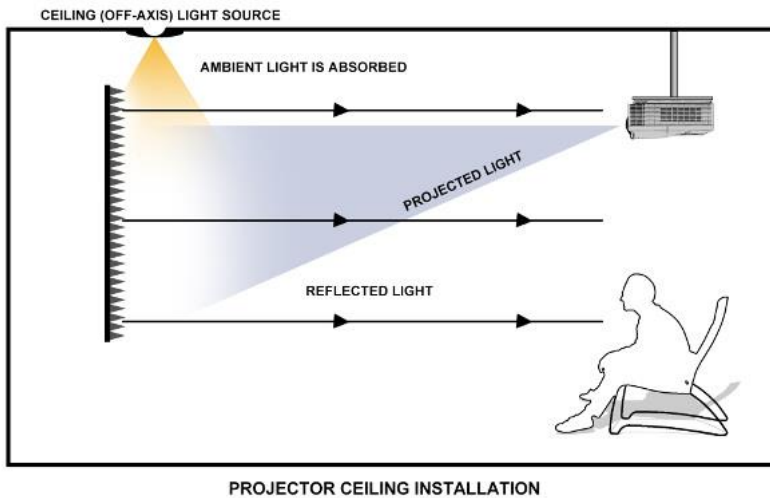


Diagram: Light Direction

## Technical Specifications

Format	Diag. Size (inch)	Viewing area W x H (mm)	Screen Length (mm)	Screen Height (mm)	Packaging Dimension L x W x H	Net Weight (kg)	Gross Weight (kg)	Manu Model #	Soltech Code
16:9	100"	2220 x 1250	2244	1274	2380 x 1390 x 80	32	75	JK-F9 100ALR	F9100ALR
	120"	2660 x 1500	2684	1524	2790 x 1690 x 80	47.5	109	JK-F9 120ALR	F9120ALR

### Ultra-Widescreen

Format	Diag. Size (inch)	Viewing area W x H (mm)	Screen Length (mm)	Screen Height (mm)	Packaging Dimension L x W x H	Net Weight (kg)	Gross Weight (kg)	Manu Model #	Soltech Code
21:9	120"	2800 x 1200	2820	1220	2920x290x150	14	20.5	JK-F9 120ALRW	F9120ALRW

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