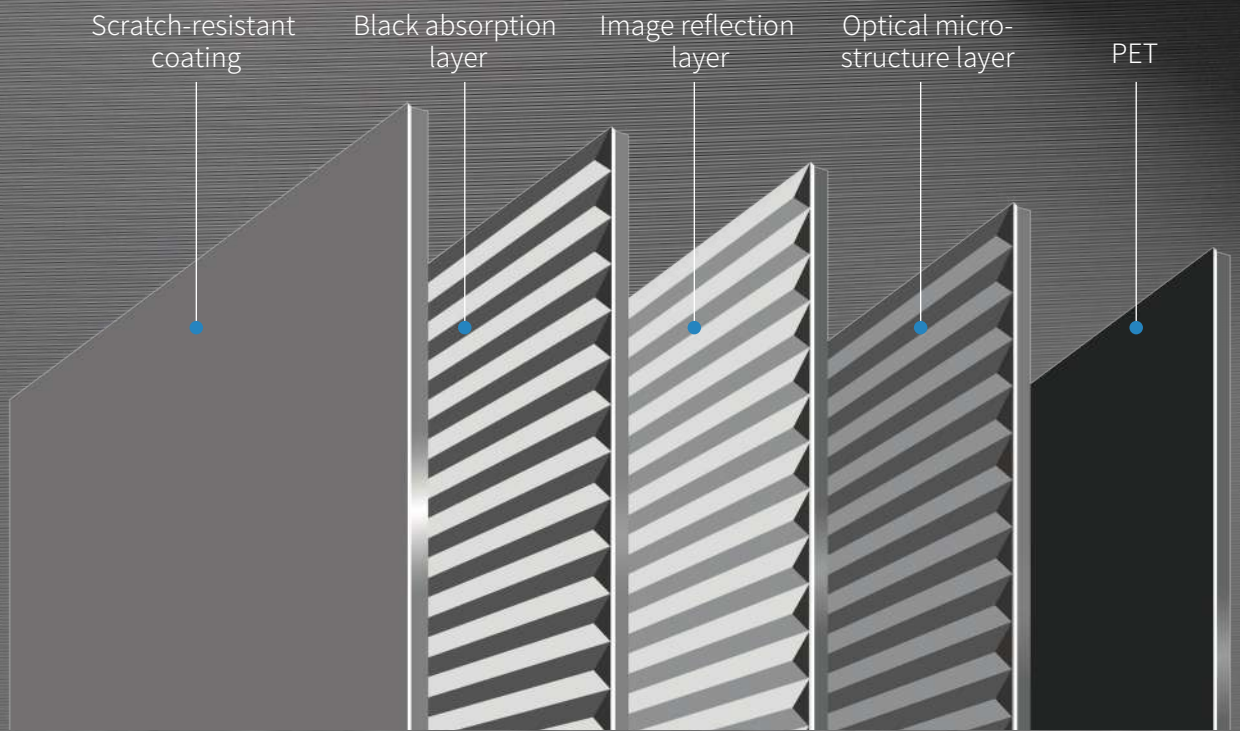
Grandview®

DY3

BLACK GRID

Ambient Light Rejecting Fabric

The black grid ALR screen fabric adopts a multi-layer composite structure consisting of a scratch-resistant coating, black absorption layer, image reflection layer, optical micro-structure layer, and PET substrate. This advanced construction effectively reduces the impact of ambient light, ensuring vivid color saturation on the screen.



High Color Accuracy

With a color reproduction rate of up to 99%, images are displayed with vibrant saturation, rich gradation, and sharp detail.

Superior Image Quality

Negative gain optimization enhances contrast, making colors more dynamic, vivid, and full-bodied.

Powerful Ambient Light Rejection

The surface features finely engraved tooth-shaped optical grids that deliver clear and bright images even in daylight or with room lights on.

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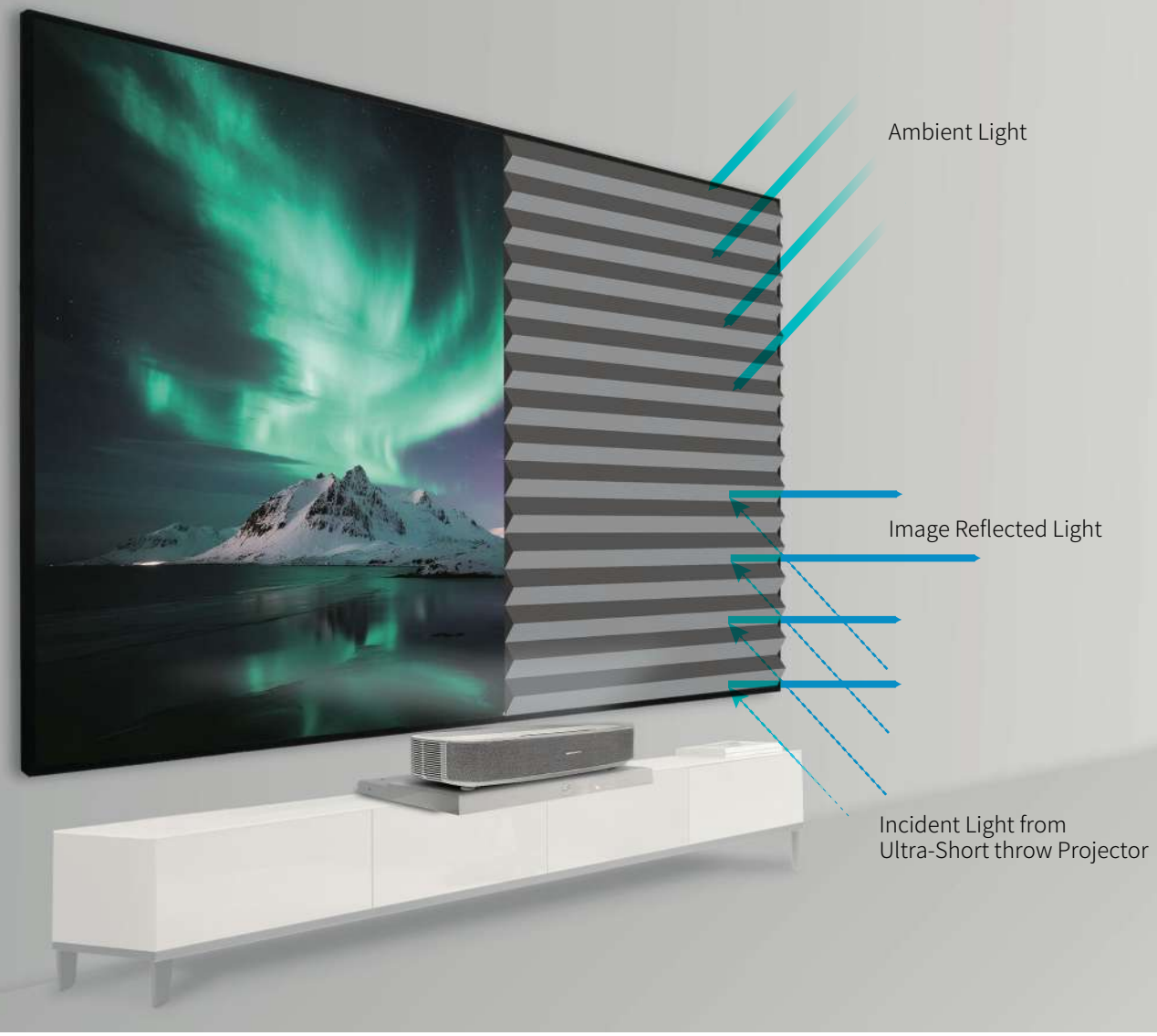
The DY3's precision micro-structures are designed to selectively reflect only the projector's light at specific angles. The upper half of each tooth-shaped grid is a black absorption layer that captures ambient light coming from above, while the lower half is a white reflective layer. Together, they absorb stray ambient light while reflecting only the intended projection beam, achieving strong ambient light rejection.



Fabric Model	Luminance Gain	Visual Angle	Color Restoration	Mildew Proof	Moisture Proof	Scrubbing	Environmental Protection	Vicata	Projectors	Maximum Width
DY3	0.5	140	99%	√	√	×	REACH 、 RoHS	-20°C ~ 60°C	Ultra Short Focus Projector	129"

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