

Ceiling/Ambient Light Rejecting (CLR®/ALR) Front Projection Materials Comparison

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Material Name	CLR® 2	CLR® 3	CLR® 4	CineGrey 3D®
Feature	Anti-scratch and easy to clean	Brighter	Better black levels	Lower cost & easy to clean
On-axis peak gain	0.9	0.8	0.8	1.2
Viewing angle	160°	170°	170°	90°
Ambient Light Rejection	0.85	85%	85%	65%
Half Gain	80°	85°	85°	45°
Surface Color	Silver Gray	Black	Black	Silver Gray
Texture	Micro	Fine	Fine	Micro
Reflection type	Retro Reflective	Retro Reflective	Retro Reflective	Angular Reflective
Black Backing	Yes	Yes	Yes	No
Fabric Projection Layer	Multi-Layer Coating	Single Layer Coating	Single Layer Coating	Single Layer Coating
Composition	PET	eco-friendly TPU	eco-friendly TPU	PVC
Anti-Scratch Surface	Yes	No	No	Yes
Projector type compatible	Ultra-short and Short throw	Ultra-short throw	Ultra-short throw	*Short and Standard Throw
Throw Ratio	0.23 - 1.2	0.3 - 0.6	0.19 – 0.60	0.8 - 2.0
Resolution	8K	8K	8K	8K
Maximum Size	103" 16:9	103" 16:9	123" 16:9	123" 16:9
Available in screens	Fixed Frame	Fixed Frame	Fixed Frame	Fixed Frame
ISF Certified (True RGB)	Yes	No	Yes	Yes
Rigidity	Semi Rigid	Rigid	Rigid	Flexible

* Lens throw ratio must be equal to or greater than 0.8
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