

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

Date: October 22, 2021

Material Name	CLR®	CLR® 2	CLR® 3	CineGrey 4D	CineGrey 5D®	CineGrey 3D®	StarBright 9™
On-axis peak gain	0.60	0.9	0.8	1.1	1.5	1.2	0.9
Viewing angle	180°	160°	170°	70°	80°	90°	180°
Ambient Light Rejection	95%	90%	90%	63%	75%	65%	95%
Half Gain	90°	80°	85°	35°	40°	45°	90°
Surface Color	Black	Silver Gray	Black	Silver Gray	Silver Gray	Silver Gray	Black
Texture	Fine	Micro	Fine	Micro	Micro	Micro	Micro
Reflection type	Retro Reflective	Retro Reflective	Retro Reflective	Angular Reflective	Angular Reflective	Angular Reflective	Retro Reflective
Black Backing	Yes	Yes	Yes	No	No	No	Yes
Fabric Projection Layer	Single Layer Coating	Multi-Layer Coating	Single Layer Coating	Single Layer Coating	Single Layer Coating	Single Layer Coating	Single Layer Coating
Composition	eco-friendly TPU	PET	eco-friendly TPU	PVC	PVC	PVC	PET
Anti-Scratch Surface	No	Yes	No	No	No	No	No
Projector type compatible	Ultra-short throw	Ultra-short and Short throw	Ultra-short throw	Standard throw	Standard Throw	Standard Throw	Standard Throw
Projector installation	Tabletop mounted	Tabletop mounted	Tabletop mounted	Tabletop/Ceiling	Tabletop/Ceiling	Tabletop/Ceiling	Tabletop/Ceiling
Throw Ratio	0.1 - 0.6	0.23 - 1.2	0.1 - 0.6	1.8 - 3.0	0.8 - 2.0	0.8 - 2.0	1.5 - 3.0
Resolution	8K	8K	8K	8K	8K	8K	8K
Maximum Size	~ 123" 16:9	~ 103" 16:9	~ 123" 16:9	~ 140" 16:9 - Electric Wall/Ceiling	~ 200" 16:9 - Fixed Frame ~ 133" 16:9 In-Ceiling Electric	~ 135" 16:9 - Fixed Frame *** ~ 150" 16:9 Electric Tab-Tension	106" / 122" 16:9, 156" 2.35:1 Fixed Frame
Available in Series/Screen Type	Aeon CLR® EDGE FREE® Fixed Frame	Aeon CLR® 2 EDGE FREE® Fixed Frame Saker Tab-Tension CLR® 2 Electric - Wall/Ceiling (External)	Aeon CLR® 3 EDGE FREE® Fixed Frame **Light-ON CLR® 3 Portable - Folding Frame & Tripod Tab-Tension ***Electric Tab-Tension *** Floor Tab-Tension	Starling Tab-Tension 2 CineGrey 4D Electric Wall/Ceiling (External)	ezFrame CineGrey 5D® Fixed Frame Evanesce Tab-Tension B CineGrey 5D® Electric In-Ceiling	Sable Frame CineGrey 3D® Fixed Frame Aeon CineGrey 3D® EDGE FREE Fixed Frame ***Spectrum Tab-Tension CineGrey 3D® Electric Tab-Tension	Sable Frame StarBright 9™ Fixed Frame
ISF Certified (True RGB)	No	Yes	No	No	Yes	Yes	Yes
Rigidity	Rigid	Rigid	Rigid	Flexible	Flexible	Flexible	Rigid

** Coming in 2021

*** Coming in 2022

ISF Certified (True RGB)

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