

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

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Material Name	CLR®	CLR® 2	CLR® 3	CineGrey 5D®	CineGrey 3D®	Dark Star® 9
On-axis peak gain	0.60	0.80	0.9	1.5	1.2	0.9
Viewing angle	180°	120°	175°	80°	90°	180°
Ambient Light Rejection	95%	65%	85%	75%	65%	95%
Half Gain	85°	60°	85°	40°	45°	85°
Surface Color	Black	Silver Gray	Black	Silver Gray	Silver Gray	Black
Texture	Fine	Micro	Fine	Micro	Micro	Micro
Reflection type	Retro Reflective	Retro Reflective	Retro Reflective	Angular Reflective	Angular Reflective	Retro Reflective
Black Backing	Yes	Yes	Yes	Yes	Yes	Yes
Fabric Projection Layer	Single Layer Coating	Multi-Layer Coating	Single Layer Coating	Single Layer Coating	Single Layer Coating	Single Layer Coating
Composition	eco-friendly TPU	PET	eco-friendly TPU	PVC	PVC	PET
Rigidity	Rigid	Semi Rigid	Rigid	Flexible	Flexible	Rigid
Projector type compatible	Ultra-short throw	Ultra-short and Short throw	Ultra-short throw	*Short and Standard Throw	*Short and Standard Throw	Standard Throw
Resolution	8K	8K	8K	8K	8K	8K
Maximum Size	90" / 100" / 120" 16:9	103" 16:9	100" / 120" 16:9	~ 200" 16:9 - Fixed Frame & Electric	~ 135" 16:9 - Fixed Frame & Electric	100" / 120" 16:9, 138" 2.35:1 Fixed Frame
				~ 140" 16:9 Manual Tab-Tension	** ~ 120" 16:9 Manual Tab-Tension	
				~110" 16:9 Tripod Tab-Tension	** ~85" 4:3 Tripod Tab-Tension	
Available in screens	Fixed Frame	Fixed Frame	Fixed Frame **Electric Tab-Tension ** Floor Tab-Tension	Fixed Frame	Fixed Frame	Fixed Frame
	Electric - Wall/Ceiling, Electric Floor-Rising	Electric - Wall/Ceiling (External), Electric In-Ceiling		Electric - Wall/Ceiling (External), Electric In-Ceiling		
		**Dry Erase Whiteboard Screen		**Manual Tab-Tension		
		**Tripod Tab-Tension		**Tripod Tab-Tension		
		**Yard Master2		**Tripod Tab-Tension		
ISF Certified (True RGB)	No	Yes	No	Yes	Yes	Yes
Anti-Scratch Surface	No	Yes	No	Yes	Yes	No
MSRP (100" 16:9 Fixed Frame Screen)	\$799	\$699	\$599	\$799	\$499	\$1,299

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

** Coming to 2020

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