

ActiMedia Collection Sharp

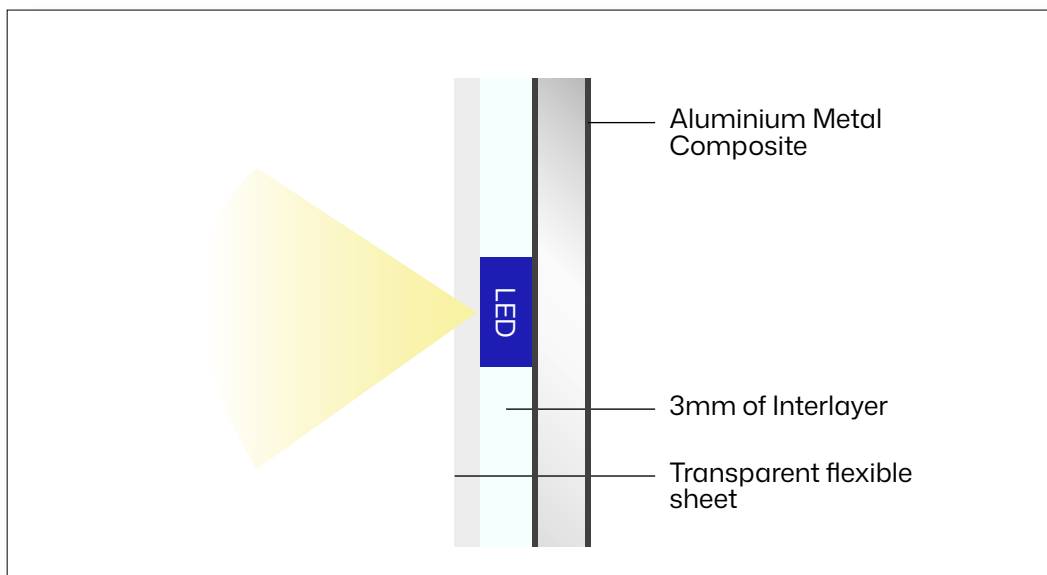


Precision, even up close

With LEDs integrated at high density in walls made out of metallic cladding, the façade communicates dynamic videos and animations that remain clearly readable even at close distance. When the LEDs are switched off, the wall retains a pure, sober and homogeneous appearance, preserving the integrity of the architectural surface.

Characteristics

- For non transparent applications: metal or ACM substrate
- Led film of only 3mm thick and less than 7kg/m²
- Matt finish
- Color finishings on demand
- 3000 nits insuring day and night view
- LEDs embedded on the glass or the clad
- Distance between LEDs of 20 mm
- Viewing distance of 5 m and beyond
- 1 or 2 cables per unit only
- Screws or cassette attachment system
- High level of redundancy - Failure safeguarding



	Sharp	20mm
Composition	Front material	Transparent flexible sheet
	Panel Color	See color pallet (standard White or Black)
	Back substrate	Aluminium (2mm or higher, ACM, other materials on demand)
	Maximum size	4500 X 1200
	Protection Class	Indoor or Outdoor (Similar to IP66)
	Additional Weight per m ²	< 7kg/m ²
	Additional thickness per m ²	<4mm
LED	Color	RGB Full Color
	LED Maker	Brightek
	LED pitch	20mm X 20mm
	Pixels per m ²	2500
	Brightness per led ¹	1cd
	Brightness	2500 nits
	Viewing Angle	H >120° , V >120°
	Refresh Rate	up to 60hz
	Color Depth	48 bit (16 bit per color)
	Led size	2mm X 2mm
	Life Time	>100.000 h
Electricity	Main Supply Voltage	48V
	Input Current per m ²	6.25A/m ²
	Max Power Consumption (Panel)	300W/m ²
	Average Power Consumption (Panel)	100W/m ²
	PSU Input	110V to 220V
Heat	Temperature monitoring	Up to 4 Sensors Per m ²
	Storage Temperature	-40 to 60°C (Ambiant air)
	Operating Temperature	-40 to 50°C (Ambiant air)
Installation	Attachment method	Cassette attachment system or Screw attachment system
	Quantity of cables	Maximum 2
	Extension cables	Up to 100m
	Additional Frames	No additional frames
Warranty	Product warranty	5 years
	Performance warranty ²	10 years - 75% brightness. 20 years - 50% brightness

Additional colors available upon request



Colors are for preview purposes; the exact color depends on the material and lighting.

¹ This are values with 1 led per pixel. Several led per pixel can be used to increase brightness. If dayview is required see the Bright datasheet
² At typical use which is 6 hours per day for this product range