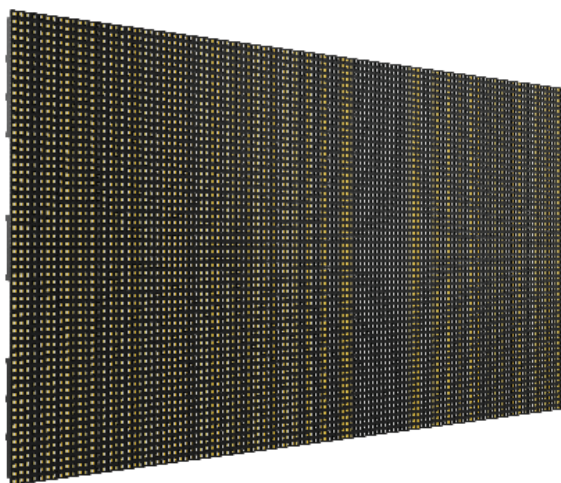


MIMIK 120



MIMIK 120 is a hybrid video lighting tile that mirrors video content while applying a higher tonal and color rendering, delivering extended spectral bandwidth and cinematic color fidelity when lighting talent and set elements in virtual production environments.

Embodied in a lightweight carbon fiber frame, MIMIK 120 adapts to on-set configurations with easy mobility. Controlled by the Megapixel Helios video processor, MIMIK 120 expands real-time and post-production options.

MIMIK 120 displays a full spectrum image that doubles as a light source. Patented Kino Flo technology translates an incoming RGB video signal into five individual emitters (warm white, cool white, red, green and blue), generating foreground lighting that synchronizes with LED volumes and creates the utmost realism on virtual sets.

Photometrics

@ D65 Kelvin												
Feet	2	4	6	8	10	12	14	16	18	20		
Foot Candles	1110	405	198	117	76	53	40	31	25	21		
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
Lux	14800	6100	3070	1810	1190	843	621	488	391	317	268	230

Specifications

Fixture Specifications

- Pixel Pitch: 10mm
- Pixel Count: 7,200 pixels (120 x 60)
- Pixel Construction: 5 LEDs per pixel - Warm White 2700K, Cool White 6500K, Red, Green, Blue
- LED Package: SMD 5050 - Black Body
- Viewing Angle Horizontal / Vertical: 140° / 140°
- LDM (LED Display Module): 8 Total - Magnetically attached - Front side Serviceable
- LDM Transparency: Solid - Black front
- Scan Ratio: 1/3
- Refresh Rate: 30kHz (30,720Hz)
- Gray Scale: 16-bit minimum (65,535 steps)
- Frames Per Second: 960 fps
- Max Alpha Channels: 32 at 30 fps
- Max Brightness Calibrated: ~10,000 nits
- Input Voltage VAC: 100~240VAC; 50/60Hz
- Power Consumption Max / Average: 400W / 200W (Varies based on video content)
- Receiver Card: 2 x PX1 (Megapixel)
- Video Processor Required: Megapixel Helios
 - Junior (4096x2160) = 8,847,360 pixels = ~240 MIMIK 120
 - 4K (4096x2160) = 8,847,360 pixels = ~1,200 MIMIK 120
 - 8K (8192x4320) = 35,389,440 pixels = ~2,000 MIMIK 120
- Control Software: No software or drivers to install. Controlled thru Megapixel Helios.
- Frame Material: Carbon Fiber
- Max. Stacking: 5 Tiles high, no limit to width
- Tile Linking: Corner blocks, 2-way and 4-way locking
- Curving (Concave & Convex): Concave (With attachment)
- Certifications: CE, UKCA, ETL, FCC
- Patents: US 11,393,372 B2
- IP Rating: IP20 - Indoor
- Operational Temp / Humidity: -10°~45°C, 10~90%RH / 14°~113°F, 10~90%RH
- Tile Dimension: 120cm x 60cm x 8cm / 47.2" x 23.6" x 3.2"
- Tile Weight: 12.5kg / 27.6lbs

Accessories

- Yoke, Junior Pin, Rigging Hardware, Power and Data Cables

