

IMMERSIVE

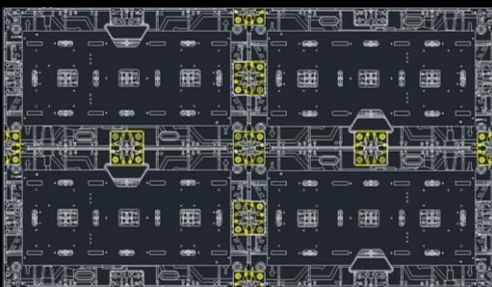
INDOOR FINE PITCH

The go-to product for fine pixel pitch indoor solutions. Engineered with Flip Chip COB technology, it offers stunning colors and excellent contrast. Exclusive block connector system provides corrective seamless alignment.



APPLICATIONS

- Retail, Restaurant, Bar, Night Club
- Hospitality, Resort, Hotel, Spa
- Higher Education, Corporate, Office
- Theme Parks, Museums, Digital Exhibits



Block connector system (shown in yellow squares above) on the cabinets allow for self-corrective seamless alignment.

TRUE TO LIFE VISUALS

Ensures superior light uniformity and reduces glare, also known as ghosting. This produces strikingly vivid colors, intense blacks, and consistently clear images, bringing visuals to life with exceptional accuracy.

RELIABILITY & DURABILITY

Flip-Chip COB technology eliminates wire bonds, a frequent failure point in conventional LED displays. This significantly improves durability. Its robust design withstands vibrations, environmental pressures, and mechanical stress.

BETTER BRIGHTNESS

Higher reflective brightness and improved lighting make these panels outperform other 450mA LED products. The wide light angle eliminates shadows and lead frame limitations, providing consistent, high-quality illumination.

SEAMLESS ALIGNMENT

Engineered for seamless installation. The panel's exclusive block connector system on the back of the cabinet allows for self-corrective seamless alignment. Supported by our universal rail-mount system with optional trim packages for further customization.

SPECIFICATIONS

Flip Chip COB

REMARKS

Power consumption tolerance: $\pm 15\%$, according to the actual situation. Pensar LED LLC, reserves the right to modify specifications and parameters without further notice.



Description						
Pixel Pitch (mm)	0.625	0.78	0.9375	1.25	1.56	1.875
LED Type	Flip Chip COB					
Cabinet Size (mm)	600 x337.5x45					
Cabinet Weight (lbs)	15.1					
Module Resolution	960x540	768x432	640x360	480x270	384x216	320x180
Brightness (nits)	1000					
Max Power	91w	87w	81w	77w	71w	68w
Average power	42w	39w	37w	35w	32w	28w
Max BTUs/h	311	297	276	263	242	232
Average BTUs/h	143	133	126	119	109	96
Grayscale	12-16 bit					
Refresh Rate	3840Hz-7680Hz					
Viewing Angle (degrees)	>170					
Operating Voltage	110v-220v (48 volts DC/DC)					
Operating Temp	32°F to 104°F					
Life Span	100,000 hrs.					
Application	Indoor					