AirBLADE

CREATELED

AirBLADE

Unlock Your Creativity

Creative Blade LED Screen
Easy Installation
Slim Panel and Variable Blade Length
Energy Saving and Eco-Friendly















See-Through Design

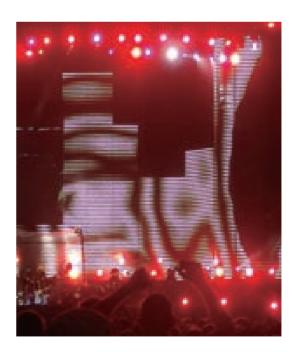
- > Extremely high transparency ratio.
- Easy LED blade replacement, magnetic or screw-on option.

Ultra Light and Slim

- > Large panel size of 1000 mm x 1000 mm.
- > Panel is only 105 mm deep.
- > Ultra light, only 15 kg/m², approxiamately 20% of traditional displays.
- > Light and easy to work with and transport.
- > Fresh and flowing colour performance creating fantasy-like visual effects.
- Rugged, visually appealing and architecturally aesthetic design.
- Ideally suited to create fantastic visual effects on horizontal surfaces, inclined ceilings and backdrop designs.

Energy Saving and Eco-Friendly

- > Eco-friendly LED lamps.
- > Smart brightness adjustment.



AirBLADE

A irB LADE / Specifications

Physical Pitch 15.6 mm 15.6 mm Pixel Configuration SMD SMD Pixel Density 2,048 pixels/m² 2,048 pixels/m² 2,048 pixels/panel 2,048 pixels/m² 2,048 pixels/panel LED Blade Dimensions (L × W × D) (mm) 1000 × 30 × 38 1000 × 30 × 38 Panel Dimensions (W × H × D) (mm) 1000 × 1000 × 1005 1000 × 1000 × 100 No. of Modules Per Panel (W × H) 1 × 16 1 × 16 Physical Resolution of Panel (W × H) 64 × 32 64 × 2 Weight Per Panel 14.4 kg/panel 14.4 kg/panel Weight Per Panel 16 bit 16 bit Colours 281 trillion 281 trillion Colours 281 trillion 281 trillion Contrast Ratio 3000 : 1 3000 : 1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle <th></th> <th>AirBLADE-15(indoor)</th> <th>AirBLADE-15(outdoor)</th>		AirBLADE-15(indoor)	AirBLADE-15(outdoor)
Pixel Density 2,048 pixels/m² 2,048 pixels/m² 2,048 pixels/panel 2,048 pixels/panel 2,048 pixels/panel LED Blade Dimensions (L x W x D) (mm) 1000 x 30 x 38 1000 x 30 x 38 Panel Dimensions (W x H x D) (mm) 1000 x 1000 x 105 1000 x 1000 x 107 No. of Modules Per Panel (W x H) 1 x 16 1 x 16 Physical Resolution of LED Blade (W x H) 64 x 2 64 x 2 Physical Resolution of Panel (W x H) 64 x 32 64 x 32 Weight Per Panel 14.4 kg/panel 14.4 kg/panel Weight Per m² 28.8 kg/m² 28.8 kg/m² Processing 16 bit 16 bit Colours 281 trillion 281 trillion Contrast Ratio 3000 : 1 3000 : 1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 120° 90°	Physical Pitch	15.6 mm	15.6 mm
LED Blade Dimensions (L×W×D) (mm) 1000×30×38 1000×30×38 Panel Dimensions (W×H×D) (mm) 1000×1000×105 1000×1000×107 No. of Modules Per Panel (W×H) 1×16 1×16 Physical Resolution of LED Blade (W×H) 64×2 64×32 Weight Per Panel 14.4 kg/panel 14.4 kg/panel Weight Per Panel 16 bit 16 bit Weight Per m² 28.8 kg/m² 28.8 kg/m² Processing 16 bit 16 bit Colours 281 trillion 281 trillion Contrast Ratio 3000:1 3000:1 Average Power Consumption 32-47.5 w/panel 46-68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10-40 °C 20-50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920-3,840 Hz 1,920-3,840 Hz Horizontal Viewing Angle 140° 140° Expected LED Lifetime (Max) 100,000 Hrs 500,000 Hrs Servicing Front or Back Front or Back	Pixel Configuration	SMD	SMD
Panel Dimensions (W × H × D) (mm) 1000 × 1000 × 105 1000 × 1000 × 107 No. of Modules Per Panel (W × H) 1 × 16 1 × 16 Physical Resolution of LED Blade (W × H) 64 × 2 64 × 2 Physical Resolution of Panel (W × H) 64 × 32 64 × 32 Weight Per Panel 14.4 kg/panel 14.4 kg/panel Weight Per m² 28.8 kg/m² 28.8 kg/m² Processing 16 bit 16 bit Colours 281 trillion 281 trillion Contrast Ratio 3000:1 3000:1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back Front or Back	Pixel Density		
No. of Modules Per Panel (W × H) 1 × 16 1 × 16 Physical Resolution of LED Blade (W × H) 64 × 2 64 × 2 Physical Resolution of Panel (W × H) 64 × 32 64 × 32 Weight Per Panel 14.4 kg/panel 14.4 kg/panel Weight Per m² 28.8 kg/m² 28.8 kg/m² Processing 16 bit 16 bit Colours 281 trillion 281 trillion Contrast Ratio 3000 : 1 3000 : 1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back Front or Back IP Rating IP32 IP65	LED Blade Dimensions (L \times W \times D) (mm)	1000 × 30 × 38	1000 × 30 × 38
Physical Resolution of LED Blade (W×H) 64×2 64×32 64×32 Weight Per Panel 14.4 kg/panel 14.4 kg/panel 14.4 kg/panel Weight Per m² 28.8 kg/m² 28.8 kg/m² 28.8 kg/m² Processing 16 bit 16 bit 16 bit Colours 281 trillion 281 trillion 281 trillion Contrast Ratio 3000:1 3000:1 3000:1 Average Power Consumption 32-47.5 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature 10-40 C 20-50 C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920-3,840 Hz 1,920-3,840 Hz Horizontal Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs Servicing Front or Back Front or Back IP Rating 1932 1965	Panel Dimensions (W \times H \times D) (mm)	1000 × 1000 × 105	1000 × 1000 × 107
Physical Resolution of Panel (W×H) 64×32 64×32 Weight Per Panel 14.4 kg/panel 14.4 kg/panel Weight Per m² 28.8 kg/m² 28.8 kg/m² Processing 16 bit 16 bit Colours 281 trillion 281 trillion Contrast Ratio 3000:1 3000:1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back Front or Back IP Rating IP Rating IP Rating IP Rating IP Rating	No. of Modules Per Panel (W \times H)	1 × 16	1 × 16
Weight Per Panel 14.4 kg/panel 14.4 kg/panel Weight Per m² 28.8 kg/m² 28.8 kg/m² Processing 16 bit 16 bit Colours 281 trillion 281 trillion Contrast Ratio 3000:1 3000:1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back Front or Back IP Rating IP32 IP65	Physical Resolution of LED Blade (W \times H)	64 × 2	64 × 2
Weight Per m² 28.8 kg/m² 28.8 kg/m² Processing 16 bit 16 bit Colours 281 trillion 281 trillion Contrast Ratio 3000 : 1 3000 : 1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back Front or Back IP Rating IP32 IP65	Physical Resolution of Panel (W \times H)	64 × 32	64 × 32
Processing 16 bit 16 bit Colours 281 trillion 281 trillion Contrast Ratio 3000 : 1 3000 : 1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back Front or Back IP Rating 1932 1965	Weight Per Panel	14.4 kg/panel	14.4 kg/panel
Colours 281 trillion 281 trillion Contrast Ratio 3000:1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel 46 - 68.75 w/panel 46 - 68.75 w/panel 550 w/panel Working Temperature -10 - 40 C 20 - 50 C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs Servicing Front or Back Front or Back IP Rating IP32	Weight Per m²	28.8 kg/m²	28.8 kg/m ²
Contrast Ratio 3000 : 1 3000 : 1 Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel 46 - 68.75 w/panel 550 w/panel 550 w/panel 550 w/panel 6000 mits 6000	Processing	16 bit	16 bit
Average Power Consumption 32 - 47.5 w/panel 46 - 68.75 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° Expected LED Lifetime (Max) 100,000 Hrs Front or Back IP Rating IP32 IP65	Colours	281 trillion	281 trillion
Max Power Consumption 380 w/panel 550 w/panel Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back 1932 1P65	Contrast Ratio	3000:1	3000:1
Working Temperature -10 - 40 °C 20 - 50 °C Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz 140° 140° Vertical Viewing Angle 120° Expected LED Lifetime (Max) 100,000 Hrs Front or Back IP Rating IP32 IP65	Average Power Consumption	32 - 47.5 w/panel	46 - 68.75 w/panel
Brightness 1,500 nits 6,000 nits Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back 1P82 1P65	Max Power Consumption	380 w/panel	550 w/panel
Refresh Rate 1,920 - 3,840 Hz 1,920 - 3,840 Hz Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back Front or Back IP Rating IP32 IP65	Working Temperature	-10 - 40 °C	20 - 50 °C
Horizontal Viewing Angle 140° 140° Vertical Viewing Angle 120° 90° Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Servicing Front or Back Front or Back IP Rating IP32 IP65	Brightness	1,500 nits	6,000 nits
Vertical Viewing Angle Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Front or Back IP Rating IP32 IP65	Refresh Rate	1,920 - 3,840 Hz	1,920 - 3,840 Hz
Expected LED Lifetime (Max) 100,000 Hrs 100,000 Hrs Front or Back IP Rating IP32 IP65	Horizontal Viewing Angle	140°	140°
Servicing Front or Back Front or Back IP Rating IP32 IP65	Vertical Viewing Angle	120°	90°
IP Rating IP32 IP65	Expected LED Lifetime (Max)	100,000 Hrs	100,000 Hrs
	Servicing	Front or Back	Front or Back
Certification CE, RoHS CE. RoHS	IP Rating	IP32	IP65
	Certification	CE, RoHS	CE, RoHS

Typical Applications

- > Car show
- > Shopping mall
- > Opera house
- > Theme resort
- > KTV, pubs

- > Reception hall
- > Fashion store / show
- > Theatre stage design
- > Wedding
- > TV studio

- > Window display
- Airport
- > Stadium
- > DJ Touring
- > Night club