

## DIAMOND VISION™ LED **FOR FIXED INSTALL**

3.00mm pixel pitch, modular LED system.



### IDT3-F

Mitsubishi's Diamond Vision IDT3 LED system is the pinnacle of ultra-high resolution large screen technology.

IDT3 is our highest resolution LED product available for fixed installation applications. For the customer who wants to make the ultimate statement of quality and performance, for example in a corporate foyer or high-profile commercial venue, the IDT3 is the perfect choice; displaying stunning images and fine detail even in the higher ambient light conditions found in all-glass environments.

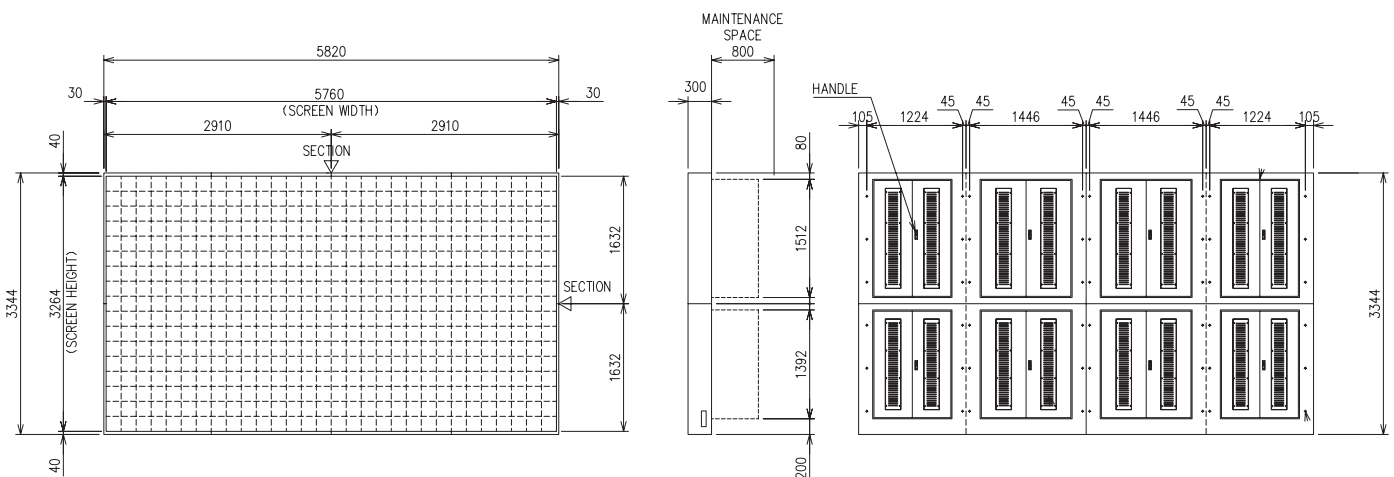
IDT3 features 3-in-1 LEDs at a true 3.00mm pitch, delivering an amazing physical resolution of 111,111 pixels per square metre with minimum viewing distance reduced to just 1 metre and extremely wide viewing angles without colour shift.

- True 3.00mm pixel pitch.
- Close viewing distance of minimum 1 metre.
- IDT3 black screen face delivers high contrast.
- Extreme viewing angles with no colour shift.
- Mitsubishi's Natural Colour Matrix™ processing.
- Auto Power Consumption Control to maximise efficiency.

# SPECIFICATIONS

<b>Model Number</b>	IDT3-F
<b>Description</b>	LED fixed installation module
<b>Application</b>	Indoor use, fixed installations
<b>Pixel arrangement</b>	3-in-1 SMD pure colour
<b>Pixel pitch</b>	3.00mm
<b>Dot pitch</b>	3.00mm
<b>Pixel resolution per standard module</b>	64h x 64w = 4,096 pixels
<b>Pixel density per sq/m</b>	111,111 pixels per square metre
<b>Minimum viewing distance</b>	Minimum 1 metre
<b>Brightness</b>	1500 cd/m <sup>2</sup>
<b>Lifetime to 50% brightness</b>	50,000 hr
<b>Image processing</b>	Diamond Vision Progressive Scan Converter and Interpolation
<b>Processing (Greyscale)</b>	10-bits, equivalent to 1,024 steps
<b>Processing (Colour)</b>	16-bits
<b>Refresh rate (PAL/NTSC)</b>	800/960Hz
<b>Viewing angle</b>	Vertical +/- 60°, Horizontal +/- 75°
<b>Temperature range</b>	0 - 40 °C (32 - 104 °F)
<b>Standard module dimensions</b>	Height: 576mm, Width: 768mm, Depth: 210mm
<b>Supplementary fixed installation module dimensions (h x w)</b>	Custom screen sizes configured to Lighting Unit size 192mm x 192mm
<b>Service access</b>	Rear
<b>Standard module weight</b>	35Kg
<b>Power consumption</b>	0.9kW/sq.m. Based on 100% brightness at 30% duty.
<b>Input power cable</b>	AC200V to 240V 3Phases 3Wires 50/60Hz (standard type) or AC 200V to 240V 3Phases 4Wires 50/60Hz
<b>Power supply</b>	0.95kVA/sq.m with APS function
<b>Certification</b>	CE marked

Outline drawing - typical screen example



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