

## Part Numbers

### Fixture

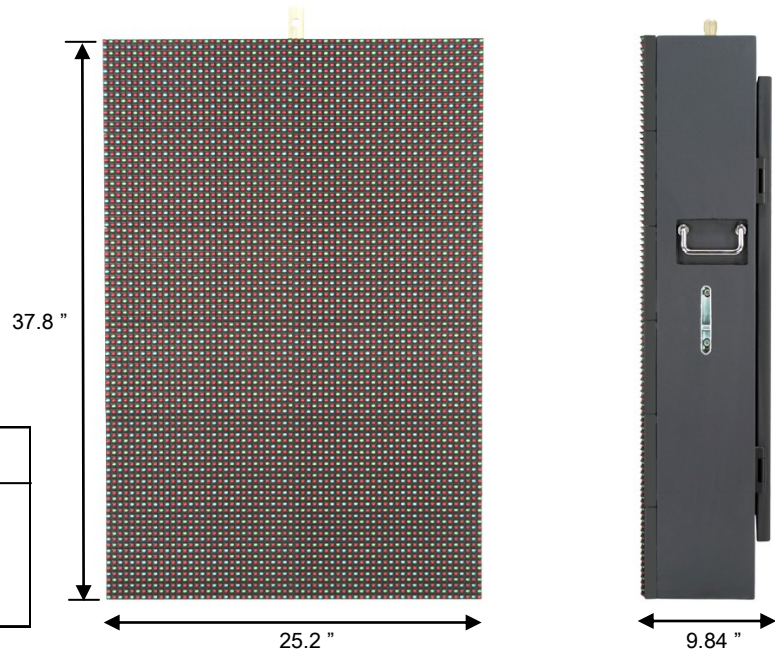
6070 - Enigma Matrix 20 mm

### Flight Case

P-6070CASE -Dual Road Case

## Mechanical Specifications

<b>Pixel Pitch:</b>	20 mm
<b>Pixel Composition:</b>	2 Red, 1 Green and 1 Blue LED's
<b>Operating Voltage:</b>	AC110V 60 Hz or AC220V 50 Hz
<b>Power Consumption:</b>	Max 1,100 w/M <sup>2</sup> average 550 w/M <sup>2</sup>
<b>Power Connector:</b>	Neutrik Power Con in/out
<b>Signal Connector:</b>	Neutrik Ether Con in/out
<b>IP Rating:</b>	IP 65 Front IP 54 Rear
<b>Mounting System:</b>	1 58 mm x 22 mm suspension pole and socket
<b>Fastening System:</b>	3 Butt-joint fastening latches & 4 treated plate sockets



Fixture	2 Unit road case
Size: 25.2"L x 9.84"W x 37.8"H	Size: 29"L x 22"W x 50"H
Weight: 90 lbs	Weight: 270 lbs

## LED Specifications

<b>LED Manufacture:</b>	USA Cree A1
<b>Panel Brightness:</b>	>7000cd/M <sup>2</sup>
<b>Brightness Adjuster:</b>	256 level via software
<b>LED life:</b>	60,000 - 100,000 hours

LED Data:	Color	Wavelength	Brightness
	Red tube core	620-625 nm	400-600 mcd
	Green tube core	520-525 nm	1,100-1,600 mcd
	Blue tube core	465-470 nm	300-600 mcd

## Screen Parameters

<b>Panel Resolution:</b>	Real Pixel 32 dots wide 48 dots high Virtual Pixel 64 Dots wide 96 dots high
<b>Scanning Method:</b>	Static
<b>Drive Method:</b>	Constant current drive / Static Latching
<b>Data In:</b>	Each Panel includes digital receiving card
<b>Horizontal View Angle:</b>	110°

<b>Module Display Brightness Uniformity:</b>	<5%
<b>Grey Scale:</b>	Homochromy 12bit
<b>Display Colors:</b>	36 bit color
<b>Refresh Frame Frequency:</b>	360hz
<b>System Operating Platform:</b>	Windows XP & Windows 2000 (Inclusive in the Enigma Matrix Drive System)

