

## Part Numbers

### Fixture

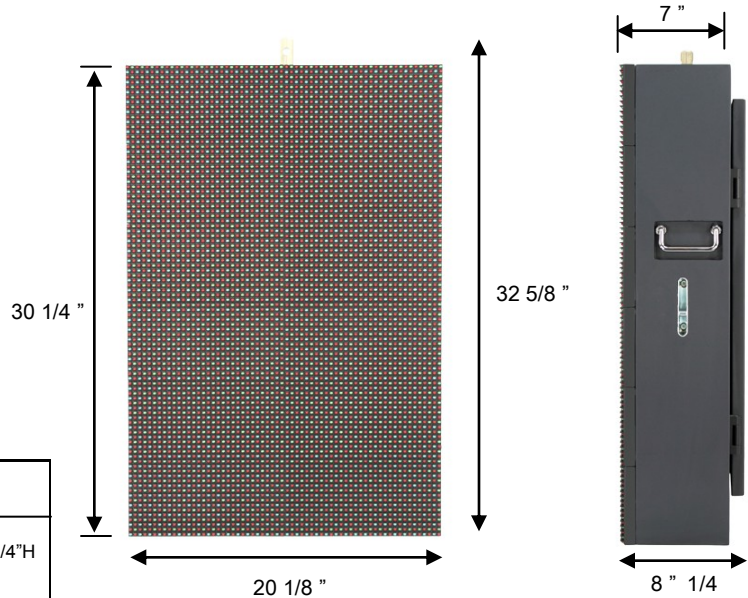
6060 - Enigma Matrix 16 mm

### Flight Case

P-6060CASE -Triple Road Case

## Mechanical Specifications

|                           |  |
|---------------------------|--|
| <b>Pixel Pitch:</b>       | 16 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<br>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                             | 3 Unit road case                 |
|-------------------------------------|----------------------------------|
| Size: 20 1/8"L x 8 1/4"W x 32 5/8"H | Size: 33 3/4"L x 23"W x 39 3/4"H |
| Weight: 74 lbs                      | Weight: 302 lbs                  |

## LED Specifications

|                             |                        |                  |                 |                   |                   |
|-----------------------------|------------------------|------------------|-----------------|-------------------|-------------------|
| <b>LED Manufacture:</b>     | USA Cree A1            | <b>LED Data:</b> | <b>Color</b>    | <b>Wavelength</b> | <b>Brightness</b> |
| <b>Panel Brightness:</b>    | >7000cd/M <sup>2</sup> |                  | Red tube core   | 620-625 nm        | 400-600 mcd       |
| <b>Brightness Adjuster:</b> | 256 level via software |                  | Green tube core | 520-525 nm        | 1,100-1,600 mcd   |
| <b>LED life:</b>            | 60,000 - 100,000 hours |                  | Blue tube core  | 465-470 nm        | 300-600 mcd       |

## Screen Parameters

|                               |   |
|-------------------------------|---|
| <b>Panel Resolution:</b>      | Real Pixel 32 dots wide 48 dots high<br>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<br>(Inclusive in the Enigma Matrix Drive System) |

