

### BOF-B Series

Robust, Back Service,  
Outdoor Billboard Display

Energy-saving Ready  
Conventional Back Service  
Stable and Durable  
Concave, Convex with Curvilinear Available



### Durable and Qualified Components

- › The most durable and qualified components are selected
- › Deliberate designs on waterproof and ventilation system



### Outdoor Rated

- › IP65 rating
- › Brightness adjustable for day and night
- › Selected LED for 7/24 work mode

### Energy-Saving Technology

- › Cutting edge "cold display" technology
- › 60% power lower than normal
- › 50% temperature less than normal

### Fast Installation and Easy Maintenance

- › Fast lock system guarantees a quick and easy installation
- › Conventional Rear access



# BOF-B

## BOF-B/ Specifications

|                                       | BOF-B-3                      | BOF-B-4                      | BOF-B-5                      | BOF-B-6                      |
|---------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Physical Pitch                        | 3 mm                         | 4 mm                         | 5 mm                         | 6.67 mm                      |
| Pixel Configuration                   | SMD 1921                     | SMD 1818                     | SMD 2727                     | SMD 2727                     |
| Pixel Density                         | 97,656 pixels/m <sup>2</sup> | 62,500 pixels/m <sup>2</sup> | 40,000 pixels/m <sup>2</sup> | 22,376 pixels/m <sup>2</sup> |
| Module Dimensions (W × H) (mm)        | 192 × 192                    | 320 × 160                    | 320 × 160                    | 320 × 160                    |
| Panel Dimensions (mm)                 | 960 × 960 × 150              | 960 × 960 × 150              | 960 × 960 × 150              | 960 × 960 × 150              |
| NO.of Modules Per Panel (W × H)       | 5 × 5                        | 3 × 6                        | 3 × 6                        | 3 × 6                        |
| Physical Resolution of Module (W × H) | 64 × 64                      | 80 × 40                      | 64 × 32                      | 48 × 24                      |
| Physical Resolution of Panel (W × H)  | 320 × 320                    | 240 × 240                    | 192 × 192                    | 144 × 144                    |
| Panel Material                        | Steel / Aluminum             | Steel / Aluminum             | Steel / Aluminum             | Steel / Aluminum             |
| Weight (m <sup>2</sup> )              | 65 / 45                      | 65 / 45                      | 65 / 45                      | 65 / 45                      |
| Gray Scale                            | 16 bit                       | 16 bit                       | 16 bit                       | 16 bit                       |
| Colours                               | 281 trillion                 | 281 trillion                 | 281 trillion                 | 281 trillion                 |
| Contrast Ratio                        | 2,000 : 1                    | 2,000 : 1                    | 2,000 : 1                    | 2,000 : 1                    |
| Avg Power Consumption                 | 360 W/m <sup>2</sup>         | 360 W/m <sup>2</sup>         | 360 W /m <sup>2</sup>        | 360 W /m <sup>2</sup>        |
| Max Power Consumption                 | 900 W/m <sup>2</sup>         | 900 W/m <sup>2</sup>         | 900 W/m <sup>2</sup>         | 900 W/m <sup>2</sup>         |
| Average Power After Energy Saving     | -                            | -                            | -                            | -                            |
| Max Power After Energy Saving         | -                            | -                            | -                            | -                            |
| Brightness                            | >6,500 nits                  | >6,500 nits                  | >6,500 nits                  | >6,500 nits                  |
| Refresh Rate                          | >1,920 Hz                    | >1,920 Hz                    | >1,920 Hz                    | >1,920 Hz                    |
| Vertical Viewing Angle                | 160°                         | 160°                         | 160°                         | 160°                         |
| Horizontal Viewing Angle              | 140°                         | 140°                         | 140°                         | 140°                         |
| Expected Lifetime                     | 100,000 Hrs                  | 100,000 Hrs                  | 100,000 Hrs                  | 100,000 Hrs                  |
| Servicing                             | Rear                         | Rear                         | Rear                         | Rear                         |
| IP Rating                             | IP65                         | IP65                         | IP65                         | IP65                         |
| Operating Temp/Humidity               | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%     |
| Storage Temp/Humidity                 | -20 C-50 C / 10% - 90%       | -20 C-50 C / 10% - 90%       | -20 C-50 C / 10% - 90%       | -20 C-50 C / 10% - 90%       |
| Scan Method                           | 1/16 Scan                    | 1/8 Scan                     | 1/8 Scan                     | 1/10 Scan                    |

## Typical Applications:

- Stage Rental
- Car Show
- Reception Hall
- Railway Station
- Shopping Mall
- Fashion Show
- Airport
- Theme Resort
- Wedding
- DOOH
- House of Worship
- Opera House

# BOF-B

## BOF-B/ Specifications

|                                       | BOF-B-8                      | BOF-B-10                     | BOF-B-10                     | BOF-B-16                    |
|---------------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|
| Physical Pitch                        | 8 mm                         | 10 mm                        | 10 mm                        | 16 mm                       |
| Pixel Configuration                   | SMD 3535                     | SMD 3535                     | DIP 346                      | DIP 346                     |
| Pixel Density                         | 15,625 pixels/m <sup>2</sup> | 10,000 pixels/m <sup>2</sup> | 10,000 pixels/m <sup>2</sup> | 3,906 pixels/m <sup>2</sup> |
| Module Dimensions (W × H) (mm)        | 320 × 160                    | 320 × 160                    | 320 × 160                    | 256 × 256                   |
| Panel Dimensions (mm)                 | 960 × 960 × 150              | 960 × 960 × 150              | 960 × 960 × 150              | 1024 × 1024 × 150           |
| NO.of Modules Per Panel (W × H)       | 3 × 6                        | 3 × 6                        | 3 × 6                        | 4 × 4                       |
| Physical Resolution of Module (W × H) | 40 × 20                      | 32 × 16                      | 32 × 16                      | 16 × 16                     |
| Physical Resolution of Panel (W × H)  | 120 × 120                    | 96 × 96                      | 96 × 96                      | 64 × 64                     |
| Panel Material                        | Steel / Aluminum             | Steel / Aluminum             | Steel / Aluminum             | Steel / Aluminum            |
| Weight (m <sup>2</sup> )              | 65 / 45                      | 65 / 45                      | 65 / 45                      | 65 / 45                     |
| Gray Scale                            | 16 bit                       | 16 bit                       | 16 bit                       | 16 bit                      |
| Colours                               | 281 trillion                 | 281 trillion                 | 281 trillion                 | 281 trillion                |
| Contrast Ratio                        | 2,000 : 1                    | 2,000 : 1                    | 2,000 : 1                    | 2,000 : 1                   |
| Avg Power Consumption                 | 360 W/m <sup>2</sup>         | 360 W/m <sup>2</sup>         | 360 W /m <sup>2</sup>        | 360 W /m <sup>2</sup>       |
| Max Power Consumption                 | 900 W/m <sup>2</sup>         | 900 W/m <sup>2</sup>         | 900 W/m <sup>2</sup>         | 900 W/m <sup>2</sup>        |
| Average Power After Energy Saving     | 90 W/m <sup>2</sup>          | 90 W/m <sup>2</sup>          | -                            | -                           |
| Max Power After Energy Saving         | 230 W/m <sup>2</sup>         | 230 W/m <sup>2</sup>         | -                            | -                           |
| Brightness                            | >6,500 nits                  | >6,500 nits                  | >6,500 nits                  | >6,500 nits                 |
| Refresh Rate                          | >1,920 Hz                    | >1,920 Hz                    | >1,920 Hz                    | >1,920 Hz                   |
| Vertical Viewing Angle                | 160°                         | 160°                         | 120°                         | 120°                        |
| Horizontal Viewing Angle              | 140°                         | 140°                         | 60°                          | 60°                         |
| Expected Lifetime                     | 100,000 Hrs                  | 100,000 Hrs                  | 100,000 Hrs                  | 100,000 Hrs                 |
| Servicing                             | Rear                         | Rear                         | Rear                         | Rear                        |
| IP Rating                             | IP65                         | IP65                         | IP65                         | IP65                        |
| Operating Temp/Humidity               | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%    |
| Storage Temp/Humidity                 | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%     | -20 C - 50 C / 10% - 90%    |
| Scan Method                           | 1/4 Scan                     | 1/2 Scan                     | 1/2 Scan                     | Static Scan                 |

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