

## DS-D4419RI-CBF LED Display



- Cabinet is die-casting aluminum integrated.
- Modularized design: LED cabinet consists of frame, power box and modules. For different pixel pitches, they can share same power box and frame.
- Seamless connection: There are four locks totally on each cabinet. They can lock cabinets well for seamless splicing.
- One end of the power cables between two cabinets is fixed. Such design can help to realize fast installation and disassembly.
- Labor saving: One single person can manage installation easily, which can save labor cost.
- Screen can be both inward and outward curve. (optional)
- 90° connection is available. (needs customization)
- Anti-collision design: There are protectors at the four corners of the cabinets, which can help to protect lamps effectively during transportation. (needs customization)
- Multi-application scenarios: It is widely used in concerts, events, opera houses, theaters, hotels, auditorium, multi-function hall, lecture hall, high-end entertainment venues, and so forth.

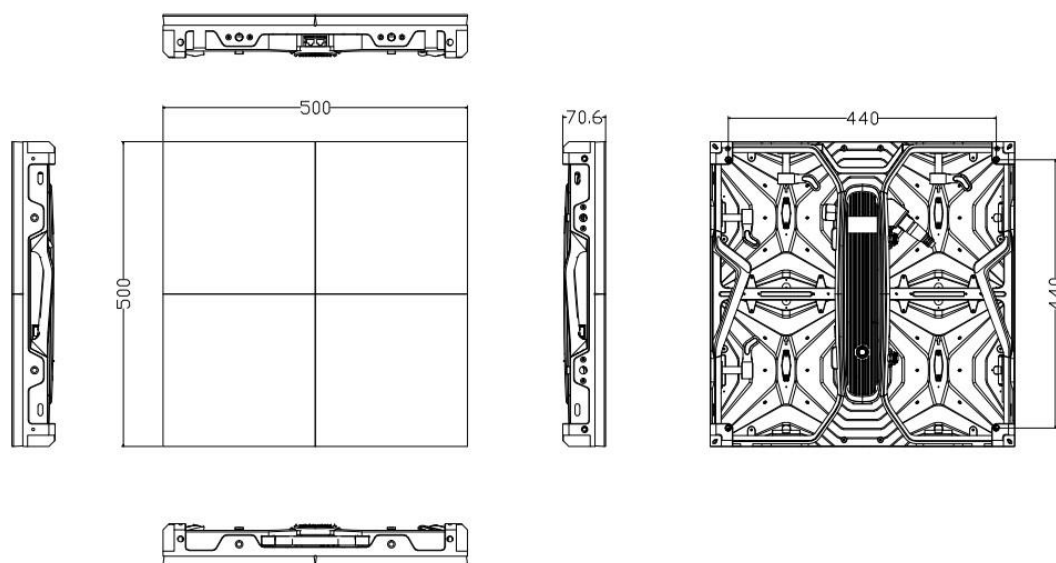
## ▪ Specification

|                           | Model                             | DS-D4419RI-CBF                                                                                                                                                        |
|---------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cabinet                   | Pixel Configuration               | SMD 3-in-1                                                                                                                                                            |
|                           | Pixel Pitch Category              | P1.95                                                                                                                                                                 |
|                           | Pixel Pitch                       | 1.95 mm                                                                                                                                                               |
|                           | Modules Component                 | 2 × 2                                                                                                                                                                 |
|                           | Dimensions<br>(W × H × D)         | 500 (H) × 500 (W) × 53 (D) mm (19.685" × 19.685" × 2.087") (not including modules)<br>500 (H) × 500 (W) × 70.6 (D) mm (19.685" × 19.685" × 2.78") (including modules) |
|                           | Resolution                        | 256 × 256                                                                                                                                                             |
|                           | Area                              | 0.25 m <sup>2</sup>                                                                                                                                                   |
|                           | Weight                            | 6.8 Kg (14.99 lb)                                                                                                                                                     |
|                           | Pixel Density                     | 262144 dots/m <sup>2</sup>                                                                                                                                            |
|                           | Lamp Board Housing                | No housing                                                                                                                                                            |
|                           | Cabinet Material                  | Die-casting aluminum                                                                                                                                                  |
|                           | Maintenance Method                | Front and rear maintenance                                                                                                                                            |
|                           | Cabinet Flatness                  | 0.1 mm                                                                                                                                                                |
|                           | Protection Level                  | Front protection level IP40                                                                                                                                           |
| Display                   | White Balance<br>Brightness       | ≥ 800 cd/m <sup>2</sup>                                                                                                                                               |
|                           | Color Temperature                 | 6500 K to 10000 K adjustable                                                                                                                                          |
|                           | Viewing Angle                     | Horizontal 160°, vertical 140°                                                                                                                                        |
|                           | Contrast Ratio                    | ≥ 3000:1                                                                                                                                                              |
|                           | Color Uniformity                  | ≤ ± 0.003 Cx, Cy                                                                                                                                                      |
|                           | Brightness Uniformity             | ≥ 97%                                                                                                                                                                 |
| Processing<br>Performance | Driving Method                    | Constant current driving                                                                                                                                              |
|                           | Frame Frequency                   | 60 Hz                                                                                                                                                                 |
|                           | Refresh Rate                      | Up to 3840 Hz                                                                                                                                                         |
|                           | Grey Level                        | Up to 16 bit                                                                                                                                                          |
|                           | Display Color                     | 281 trillion                                                                                                                                                          |
| Power                     | Power Supply                      | 110 V/220 V                                                                                                                                                           |
|                           | Max. Consumption                  | ≤ 600 W/m <sup>2</sup>                                                                                                                                                |
|                           | Average<br>Consumption            | ≤ 200 W/m <sup>2</sup>                                                                                                                                                |
| Working<br>Environment    | Working<br>Temperature            | -10~40 °C                                                                                                                                                             |
|                           | Working Humidity                  | 10%~80% RH                                                                                                                                                            |
|                           | Storage Humidity                  | 10%~85% RH                                                                                                                                                            |
|                           | Storage Temperature               | -20~60 °C                                                                                                                                                             |
| General                   | Gross Weight                      | 90 Kg (198.42 lb) ± 10%                                                                                                                                               |
|                           | Package Dimensions<br>(W × H × D) | 840 (L) × 700 (W) × 570 (H) mm (33.07" × 27.56" × 22.44") (8-in-1 flight case)                                                                                        |
|                           | Lifespan                          | Lamp 100,000 hours                                                                                                                                                    |

## ▪ Available Model

DS-D4419RI-CBF

## ▪ Dimension



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