



\* All images are for illustrative purposes only.

OUTDOOR LG LED SIGNAGE

## GSCD Ultra Light Series



Lightweight Design



Easy Maintenance



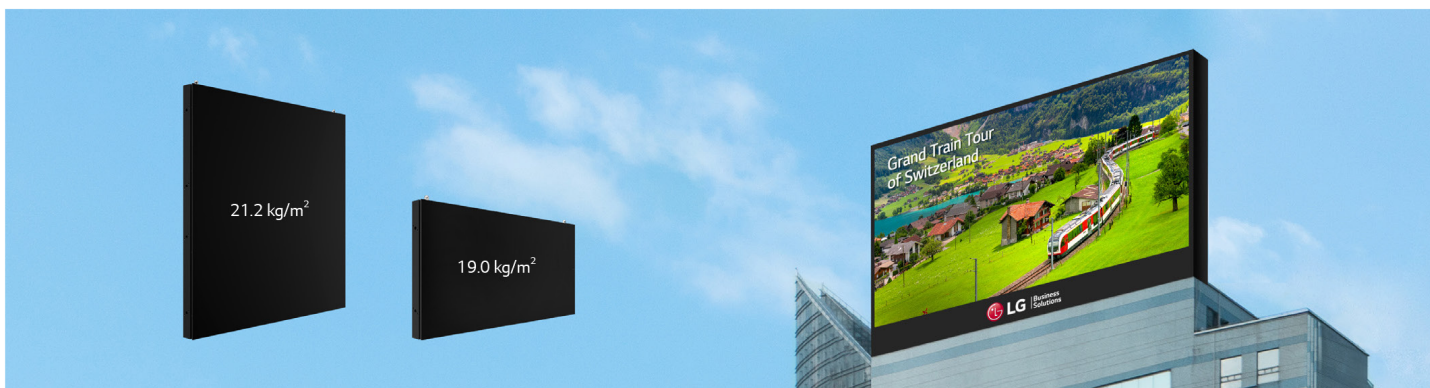
IP Rated  
Weatherproof Design



90° Corner Design  
Available

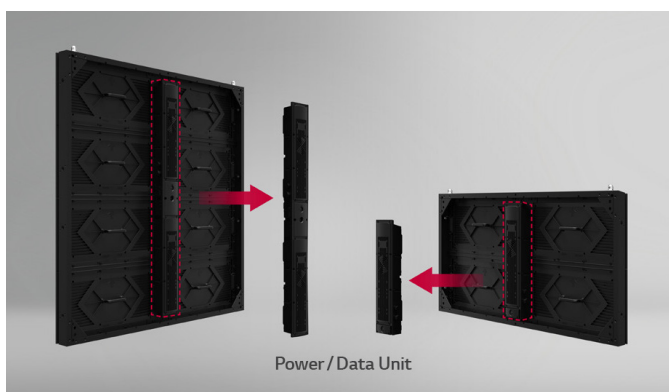


Front or Rear  
Serviceability



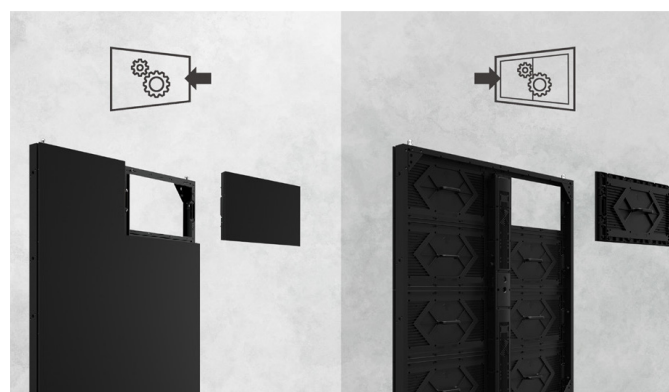
## Lightweight Design

The cabinet of the GSCD series is much lighter than that of other outdoor LED displays, significantly reducing the load of the building when a large LED screen is installed on it.



## Easy Maintenance

Power and control units attached to the cabinets can be removed, making it easy to fix problems that may arise.



## Front or Rear Serviceability

The product offers either front access or rear access, allowing customers to choose installation options according to their environment and minimizes limitations in installation and maintenance.



## 90° Corner Design Available

If you add a 90° corner option, the GSCD series can deliver virtually seamless content even when installed on the corners.



## IP Rated Weatherproof Design

The front and back of the cabinet are IP65 certified, allowing stable operation unaffected by weather and harmful outdoor environments.

# SPECIFICATIONS

|                           | Model Name                                      | GSCD069-KK  | GSCD069-KK2   | GSCD069-KK3   | GSCD069-KK4   |
|---------------------------|---|---|---|---|---|
| Physical Parameters       | Pixel Configuration                             | Single SMD  | Single SMD  | Single SMD  | Single SMD  |
|                           | Pixel Pitch (mm)                                | 6.94  | 6.94  | 6.94  | 6.94  |
|                           | Module Resolution (W x H)                       | 72 x 36   | 72 x 36   | 72 x 36   | 72 x 36   |
|                           | Module Dimensions (W x H)                       | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | "19.7 x 9.8 in.<br>500 x 250 mm"                        | 19.7 x 9.8 in.<br>500 x 250 mm                          |
|                           | Weight per Module                               | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       |
|                           | No. of Modules per Cabinet (W x H)              | 2 x 4   | 2 x 2   | 1 x 4   | 1 x 2   |
|                           | Cabinet Resolution (W x H)                      | 144 x 144   | 144 x 72  | 72 x 144  | 72 x 72   |
|                           | Cabinet Dimensions (W x H x D)                  | 39.4 x 39.4 x 3.4 in.<br>1,000 x 1,000 x 87.4 mm        | 39.4 x 39.4 x 3.4 in.<br>1,000 x 1,000 x 87.4 mm        | 19.7 x 39.4 x 3.4 in.<br>500 x 1,000 x 87.4 mm          | 19.7 x 19.7 x 3.4 in.<br>500 x 500 x 87.4 mm            |
|                           | Cabinet Surface Area                            | 10.8 ft <sup>2</sup> / 1 m <sup>2</sup>                 | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 5.4 ft <sub>2</sub> / 0.5 m <sup>2</sup>                | 2.7 ft <sup>2</sup> / 0.25 m <sup>2</sup>               |
|                           | Weight per Cabinet                              | 40.8 lbs. / 18.5 kg                                     | 22.9 lbs. / 10.4 kg                                     | 24.7 lbs. / 11.2 kg                                     | 13.7 lbs. / 6.2 kg                                      |
|                           | Weight per Unit Area                            | 3.8 lbs/ft <sup>2</sup> / 18.5 kg/m <sup>2</sup>        | 4.3 lbs/ft <sup>2</sup> / 20.8 kg/m <sup>2</sup>        | 4.6 lbs/ft <sup>2</sup> / 22.4 kg/m <sup>2</sup>        | 5.1 lbs/ft <sup>2</sup> / 24.8 kg/m <sup>2</sup>        |
|                           | Physical Pixel Density (pixels/m <sup>2</sup> ) | 20,736  | 20,736  | 20,736  | 20,736  |
|                           | Flatness of Cabinet (mm)                        | ±0.5  | ±0.5  | ±0.5  | ±0.5  |
|                           | Cabinet material                                | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      |
|                           | Service access                                  | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      |
| Optical Specifications    | Max Brightness After Calibration (nits)         | 5,000   | 5,000   | 5,000   | 5,000   |
|                           | Color Temperature (K)                           | 3,200 to 9,000  | 3,200 to 9,000  | 3,200-9,000   | 3,200-9,000   |
|                           | Visual Viewing Angle (Horizontal)               | 160°  | 160°  | 160°  | 160°  |
|                           | Visual Viewing Angle (Vertical)                 | 122°  | 122°  | 122°  | 122°  |
|                           | Brightness Uniformity                           | 0.97  | 0.97  | 0.97  | 0.97  |
|                           | Color Uniformity                                | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   |
|                           | Contrast Ratio                                  | 12,000:1  | 12,000:1  | 12,000:1  | 12,000:1  |
|                           | Processing Depth (bit)                          | 14  | 14  | 14  | 14  |
| Electrical Specifications | Max. Power Consumption per Cabinet (W)          | 660   | 330   | 330   | 165   |
|                           | Avg. Power Consumption per Cabinet (W)          | 220   | 110   | 110   | 55  |
|                           | Max. Power Consumption (W/m <sup>2</sup> )      | 660   | 660   | 660   | 660   |
|                           | Max. Heat Dissipation per Cabinet (BTU/hr)      | 2,252   | 1,126   | 1,126   | 563   |
|                           | Avg. Heat Dissipation per Cabinet (BTU/hr)      | 751   | 375   | 375   | 188   |
|                           | Max. Heat Dissipation (BTU/h/m <sup>2</sup> )   | 2,252   | 2,252   | 2,252   | 2,252   |
|                           | Power Supply (Vac)                              | 100 to 240  | 100 to 240  | 100 to 240  | 100 to 240  |
|                           | Frame Rate (Hz)                                 | 50 / 60   | 50 / 60   | 50 / 60   | 50 / 60   |
|                           | Refresh Rate (Hz)                               | 3,840   | 3,840   | 3,840   | 3,840   |
| Operation Specifications  | LED Lifetime* (Half brightness)                 | 50,000 Hours  | 50,000 Hours  | 50,000 Hours  | 50,000 Hours  |
|                           | Operating Temperature                           | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       |
|                           | Operating Humidity                              | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   |
|                           | IP rating Front                                 | IP65  | IP65  | IP65  | IP65  |
|                           | IP rating Rear                                  | IP65  | IP65  | IP65  | IP65  |
| Regulatory                | Certifications                                  | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               |
|                           | Certifications (Fire Protection)                | -   | -   | -   | -   |
| Warranty & Other          | Warranty  | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) |
|                           | Environmental                                   | RoHS  | RoHS  | RoHS  | RoHS  |
|                           | Controller                                      | CVCA  | CVCA  | CVCA  | CVCA  |
|                           | 90 degree corner cut                            | Yes   | Yes   | Yes   | Yes   |

\* Lifetime spec does not supersede 3 Year Limited Warranty. Specifications are subject to change without notice.

|                           | Model Name                                      | GSCD069-GN  | GSCD069-GN2   | GSCD069-GN3   | GSCD069-GN4   |
|---------------------------|---|---|---|---|---|
| Physical Parameters       | Pixel Configuration                             | Single SMD  | Single SMD  | Single SMD  | Single SMD  |
|                           | Pixel Pitch (mm)                                | 6.94  | 6.94  | 6.94  | 6.94  |
|                           | Module Resolution (W x H)                       | 72 x 36   | 72 x 36   | 72 x 36   | 72 x 36   |
|                           | Module Dimensions (W x H)                       | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          |
|                           | Weight per Module                               | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       |
|                           | No. of Modules per Cabinet (W x H)              | 2 x 4   | 2 x 2   | 1 x 4   | 1 x 2   |
|                           | Cabinet Resolution (W x H)                      | 144 x 144   | 144 x 72  | 72 x 144  | 72 x 72   |
|                           | Cabinet Dimensions (W x H x D)                  | 39.4 x 39.4 x 3.3 in.<br>1,000 x 1,000 x 84.4 mm        | 39.4 x 19.7 x 3.3 in.<br>1,000 x 500 x 84.4 mm          | 19.7 x 39.4 x 3.3 in.<br>500 x 1,000 x 84.4             | 19.7 x 19.7 x 3.3 in.<br>500x500x84.4                   |
|                           | Cabinet Surface Area                            | 10.8 ft <sup>2</sup> / 1 m <sup>2</sup>                 | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 2.7 ft <sup>2</sup> / 0.25 m <sup>2</sup>               |
|                           | Weight per Cabinet                              | 40.8 lbs. / 18.5 kg                                     | 22.9 lbs. / 10.4 kg                                     | 24.7 lbs. / 11.2 kg                                     | 13.7 lbs. / 6.2 kg                                      |
|                           | Weight per Unit Area                            | 3.8 lbs/ft <sup>2</sup> / 18.5 kg/m <sup>2</sup>        | 4.3 lbs/ft <sup>2</sup> / 20.8 kg/m <sup>2</sup>        | 4.6 lbs/ft <sup>2</sup> / 22.4 kg/m <sup>2</sup>        | 5.1 lbs/ft <sup>2</sup> / 24.8 kg/m <sup>2</sup>        |
|                           | Physical Pixel Density (pixels/m <sup>2</sup> ) | 20,736  | 20,736  | 20,736  | 20,736  |
|                           | Flatness of Cabinet (mm)                        | ±0.5  | ±0.5  | ±0.5  | ±0.5  |
|                           | Cabinet material                                | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      |
| Service access            | Front or Rear<br>(select one only)              | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      |   |
| Optical Specifications    | Max Brightness After Calibration (nits)         | 5,000   | 5,000   | 5,000   | 5,000   |
|                           | Color Temperature (K)                           | 3,200 to 9,300  | 3,200 to 9,300  | 3,200 to 9,300  | 3,200 to 9,300  |
|                           | Visual Viewing Angle (Horizontal)               | 160°  | 160°  | 160°  | 160°  |
|                           | Visual Viewing Angle (Vertical)                 | 134   | 134°  | 134°  | 134°  |
|                           | Brightness Uniformity                           | 0.97  | 0.97  | 0.97  | 0.97  |
|                           | Color Uniformity                                | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   |
|                           | Contrast Ratio                                  | 6,000:1   | 6,000:1   | 6,000:1   | 6,000:1   |
|                           | Processing Depth (bit)                          | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   |
| Electrical Specifications | Max. Power Consumption per Cabinet (W)          | 680   | 340   | 340   | 170   |
|                           | Avg. Power Consumption per Cabinet (W)          | 226   | 114   | 114   | 56  |
|                           | Max. Power Consumption (W/m <sup>2</sup> )      | 680   | 680   | 680   | 680   |
|                           | Max. Heat Dissipation per Cabinet (BTU/hr)      | 2,320   | 1,160   | 1,160   | 580   |
|                           | Avg. Heat Dissipation per Cabinet (BTU/hr)      | 771   | 389   | 389   | 191   |
|                           | Max. Heat Dissipation (BTU/h/m <sup>2</sup> )   | 2,320   | 2,320   | 2,320   | 2,320   |
|                           | Power Supply (Vac)                              | 100 to 240  | 100 to 240  | 100 to 240  | 100 to 240  |
|                           | Frame Rate (Hz)                                 | 50 / 60   | 50 / 60   | 50 / 60   | 50 / 60   |
| Refresh Rate (Hz)         | 3,840   | 3,840   | 3,840   | 3,840   |   |
| Operation Specifications  | LED Lifetime* (Half brightness)                 | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   |
|                           | Operating Temperature                           | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       |
|                           | Operating Humidity                              | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   |
|                           | IP rating Front                                 | IP65  | IP65  | IP65  | IP65  |
|                           | IP rating Rear                                  | IP65  | IP65  | IP65  | IP65  |
| Regulatory                | Certifications                                  | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               |
|                           | Certifications (Fire Protection)                | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        |
| Warranty & Other          | Warranty  | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) |
|                           | Environmental                                   | RoHS  | RoHS  | RoHS  | RoHS  |
|                           | Controller                                      | CVCA  | CVCA  | CVCA  | CVCA  |
|                           | 90 degree corner cut                            | Yes   | Yes   | No  | No  |

\* Lifetime spec does not supersede 3 Year Limited Warranty. Specifications are subject to change without notice.

|                           | Model Name                                      | GSCD069-GR  | GSCD069-GR2   | GSCD069-GR3   | GSCD069-GR4   |
|---------------------------|---|---|---|---|---|
| Physical Parameters       | Pixel Configuration                             | Single SMD  | Single SMD  | Single SMD  | Single SMD  |
|                           | Pixel Pitch (mm)                                | 6.94  | 6.94  | 6.94  | 6.94  |
|                           | Module Resolution (W x H)                       | 72 x 36   | 72 x 36   | 72 x 36   | 72 x 36   |
|                           | Module Dimensions (W x H)                       | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          |
|                           | Weight per Module                               | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       |
|                           | No. of Modules per Cabinet (W x H)              | 2 x 4   | 2 x 2   | 1 x 4   | 1 x 2   |
|                           | Cabinet Resolution (W x H)                      | 144 x 144   | 144 x 72  | 72 x 144  | 72 x 72   |
|                           | Cabinet Dimensions (W x H x D)                  | 39.4 x 39.4 x 3.3 in.<br>1,000 x 1,000 x 84.4 mm        | 39.4 x 19.7 x 3.3 in.<br>1,000 x 500 x 84.4 mm          | 19.7 x 39.4 x 3.3 in.<br>500 x 1,000 x 84.4 mm          | 19.7 x 19.7 x 3.3 in.<br>500 x 500 x 84.4 mm            |
|                           | Cabinet Surface Area                            | 10.8 ft <sup>2</sup> / 1 m <sup>2</sup>                 | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 2.7 ft <sup>2</sup> / 0.25 m <sup>2</sup>               |
|                           | Weight per Cabinet                              | 40.8 lbs. / 18.5 kg                                     | 22.9 lbs. / 10.4 kg                                     | 24.7 lbs. / 11.2 kg                                     | 13.7 lbs. / 6.2 kg                                      |
|                           | Weight per Unit Area                            | 3.8 lbs/ft <sup>2</sup> / 18.5 kg/m <sup>2</sup>        | 4.3 lbs/ft <sup>2</sup> / 20.8 kg/m <sup>2</sup>        | 4.6 lbs/ft <sup>2</sup> / 22.4 kg/m <sup>2</sup>        | 5.1 lbs/ft <sup>2</sup> / 24.8 kg/m <sup>2</sup>        |
|                           | Physical Pixel Density (pixels/m <sup>2</sup> ) | 20,736  | 20,736  | 20,736  | 20,736  |
|                           | Flatness of Cabinet (mm)                        | ±0.5  | ±0.5  | ±0.5  | ±0.5  |
|                           | Cabinet material                                | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      |
| Service access            | Front or Rear<br>(select one only)              | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      |   |
| Optical Specifications    | Max Brightness After Calibration (nits)         | 7,000   | 7,000   | 7,000   | 7,000   |
|                           | Color Temperature (K)                           | 3,200 to 9,300  | 3,200 to 9,300  | 3,200 to 9,300  | 3,200 to 9,300  |
|                           | Visual Viewing Angle (Horizontal)               | 160°  | 160°  | 160°  | 160°  |
|                           | Visual Viewing Angle (Vertical)                 | 134°  | 134°  | 134°  | 134°  |
|                           | Brightness Uniformity                           | 0.97  | 0.97  | 0.97  | 0.97  |
|                           | Color Uniformity                                | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   |
|                           | Contrast Ratio                                  | 10,000:1  | 10,000:1  | 10,000:1  | 10,000:1  |
|                           | Processing Depth (bit)                          | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   |
| Electrical Specifications | Max. Power Consumption per Cabinet (W)          | 680   | 340   | 340   | 170   |
|                           | Avg. Power Consumption per Cabinet (W)          | 226   | 114   | 114   | 56  |
|                           | Max. Power Consumption (W/m <sup>2</sup> )      | 680   | 680   | 680   | 680   |
|                           | Max. Heat Dissipation per Cabinet (BTU/hr)      | 2,320   | 1,160   | 1,160   | 580   |
|                           | Avg. Heat Dissipation per Cabinet (BTU/hr)      | 771   | 389   | 389   | 191   |
|                           | Max. Heat Dissipation (BTU/h/m <sup>2</sup> )   | 2,320   | 2,320   | 2,320   | 2,320   |
|                           | Power Supply (Vac)                              | 100 to 240  | 100 to 240  | 100 to 240  | 100 to 240  |
|                           | Frame Rate (Hz)                                 | 50 / 60   | 50 / 60   | 50 / 60   | 50 / 60   |
|                           | Refresh Rate (Hz)                               | 3,840   | 3,840   | 3,840   | 3,840   |
| Operation Specifications  | LED Lifetime* (Half brightness)                 | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   |
|                           | Operating Temperature                           | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       |
|                           | Operating Humidity                              | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   |
|                           | IP rating Front                                 | IP65  | IP65  | IP65  | IP65  |
|                           | IP rating Rear                                  | IP65  | IP65  | IP65  | IP65  |
| Regulatory                | Certifications                                  | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               |
|                           | Certifications (Fire Protection)                | EN13501-1   | EN13501-1   | EN13501-1   | -   |
| Warranty & Other          | Warranty  | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) |
|                           | Environmental                                   | RoHS  | RoHS  | RoHS  | RoHS  |
|                           | Controller                                      | CVCA  | CVCA  | CVCA  | CVCA  |
|                           | 90 degree corner cut                            | Yes   | Yes   | No  | No  |

\* Lifetime spec does not supersede 3 Year Limited Warranty. Specifications are subject to change without notice.

|                           | Model Name                                      | GSCD100-GN  | GSCD100-GN2   | GSCD100-GN3   | GSCD100-GN4   |
|---------------------------|---|---|---|---|---|
| Physical Parameters       | Pixel Configuration                             | Single SMD  | Single SMD  | Single SMD  | Single SMD  |
|                           | Pixel Pitch (mm)                                | 10.41   | 10.41   | 10.41   | 10.41   |
|                           | Module Resolution (W x H)                       | 48 x 24   | 48 x 24   | 48 x 24   | 48 x 24   |
|                           | Module Dimensions (W x H)                       | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          |
|                           | Weight per Module                               | 2.9 lbs. / 1.3 kg                                       | 2.9 lbs. / 1.3 kg                                       | 3.0 lbs. / 1.35 kg                                      | 3.0 lbs. / 1.35 kg                                      |
|                           | No. of Modules per Cabinet (W x H)              | 2 x 4   | 2 x 2   | 1 x 4   | 1 x 2   |
|                           | Cabinet Resolution (W x H)                      | 96 x 96   | 96 x 48   | 48 x 96   | 48 x 48   |
|                           | Cabinet Dimensions (W x H x D)                  | 39.4 x 39.4 x 3.4 in.<br>1,000 x 1,000 x 85.1 mm        | 39.4 x 19.7 x 3.4 in.<br>1,000 x 500 x 85.1 mm          | 19.7 x 39.4 x 3.4 in.<br>500 x 1,000 x 85.1 mm          | 19.7 x 19.7 x 3.4 in.<br>500 x 500 x 85.1 mm            |
|                           | Cabinet Surface Area                            | 10.8 ft <sup>2</sup> / 1 m <sup>2</sup>                 | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 2.7 ft <sup>2</sup> / 0.25 m <sup>2</sup>               |
|                           | Weight per Cabinet                              | 41.9 lbs. / 19 kg                                       | 23.4 lbs. / 10.6 kg                                     | 23.4 lbs. / 10.6 kg                                     | 14.3 lbs. / 6.5 kg                                      |
|                           | Weight per Unit Area                            | 3.9 lbs/ft <sup>2</sup> / 19 kg/m <sup>2</sup>          | 4.3 lbs/ft <sup>2</sup> / 21.2 kg/m <sup>2</sup>        | 4.3 lbs/ft <sup>2</sup> / 21.2 kg/m <sup>2</sup>        | 5.3 lbs/ft <sup>2</sup> / 26 kg/m <sup>2</sup>          |
|                           | Physical Pixel Density (pixels/m <sup>2</sup> ) | 9,216   | 9,216   | 9,216   | 9,216   |
|                           | Flatness of Cabinet (mm)                        | ±0.5  | ±0.5  | ±0.5  | ±0.5  |
|                           | Cabinet material                                | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      |
| Service access            | Front or Rear<br>(select one only)              | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      |   |
| Optical Specifications    | Max Brightness After Calibration (nits)         | 5,000   | 5,000   | 5,000   | 5,000   |
|                           | Color Temperature (K)                           | 3,200-9,300   | 3,200-9,300   | 3,200-9,300   | 3,200-9,300   |
|                           | Visual Viewing Angle (Horizontal)               | 160°  | 160°  | 160°  | 160°  |
|                           | Visual Viewing Angle (Vertical)                 | 136°  | 136°  | 136°  | 136°  |
|                           | Brightness Uniformity                           | 0.97  | 0.97  | 0.97  | 0.97  |
|                           | Color Uniformity                                | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   |
|                           | Contrast Ratio                                  | 10,000:1  | 10,000:1  | 10,000:1  | 10,000:1  |
|                           | Processing Depth (bit)                          | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   |
| Electrical Specifications | Max. Power Consumption per Cabinet (W)          | 650   | 330   | 330   | 165   |
|                           | Avg. Power Consumption per Cabinet (W)          | 216   | 110   | 110   | 55  |
|                           | Max. Power Consumption (W/m <sup>2</sup> )      | 650   | 660   | 660   | 660   |
|                           | Max. Heat Dissipation per Cabinet (BTU/hr)      | 2,218   | 1,126   | 1,126   | 563   |
|                           | Avg. Heat Dissipation per Cabinet (BTU/hr)      | 737   | 375   | 375   | 188   |
|                           | Max. Heat Dissipation (BTU/h/m <sup>2</sup> )   | 2,218   | 2,252   | 2,252   | 2,252   |
|                           | Power Supply (Vac)                              | 100 to 240  | 100 to 240  | 100 to 240  | 100 to 240  |
|                           | Frame Rate (Hz)                                 | 50 / 60   | 50 / 60   | 50 / 60   | 50 / 60   |
| Refresh Rate (Hz)         | 3,840   | 3,840   | 3,840   | 3,840   |   |
| Operation Specifications  | LED Lifetime* (Half brightness)                 | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   |
|                           | Operating Temperature                           | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       |
|                           | Operating Humidity                              | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   |
|                           | IP rating Front                                 | IP65  | IP65  | IP65  | IP65  |
|                           | IP rating Rear                                  | IP65  | IP65  | IP65  | IP65  |
| Regulatory                | Certifications                                  | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               |
|                           | Certifications (Fire Protection)                | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        |
| Warranty & Other          | Warranty  | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) |
|                           | Environmental                                   | RoHS  | RoHS  | RoHS  | RoHS  |
|                           | Controller                                      | CVCA  | CVCA  | CVCA  | CVCA  |
|                           | 90 degree corner cut                            | Yes   | Yes   | No  | No  |

\* Lifetime spec does not supersede 3 Year Limited Warranty. Specifications are subject to change without notice.

|                           | Model Name                                      | GSCD100-GR  | GSCD100-GR2   | GSCD100-GR3   | GSCD100-GR4   |
|---------------------------|---|---|---|---|---|
| Physical Parameters       | Pixel Configuration                             | Single SMD  | Single SMD  | Single SMD  | Single SMD  |
|                           | Pixel Pitch (mm)                                | 10.41   | 10.41   | 10.41   | 10.41   |
|                           | Module Resolution (W x H)                       | 48 x 24   | 48 x 24   | 48 x 24   | 48 x 24   |
|                           | Module Dimensions (W x H)                       | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          |
|                           | Weight per Module                               | 3.0 lbs. / 1.35 kg                                      | 3.0 lbs. / 1.35 kg                                      | 3.0 lbs. / 1.35 kg                                      | 3.0 lbs. / 1.35 kg                                      |
|                           | No. of Modules per Cabinet (W x H)              | 2 x 4   | 2 x 2   | 1 x 4   | 1 x 2   |
|                           | Cabinet Resolution (W x H)                      | 96 x 96   | 96 x 48   | 48 x 96   | 48 x 48   |
|                           | Cabinet Dimensions (W x H x D)                  | 39.4 x 39.4 x 3.4 in.<br>1,000 x 1,000 x 85.1 mm        | 39.4 x 19.7 x 3.4 in.<br>1,000 x 500 x 85.1 mm          | 19.7 x 39.4 x 3.4 in.<br>500 x 1,000 x 85.1 mm          | 19.7 x 19.7 x 3.4 in.<br>500 x 500 x 85.1 mm            |
|                           | Cabinet Surface Area                            | 10.8 ft <sup>2</sup> / 1 m <sup>2</sup>                 | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 2.7 ft <sup>2</sup> / 0.25 m <sup>2</sup>               |
|                           | Weight per Cabinet                              | 41.9 lbs. / 19 kg                                       | 23.4 lbs. / 10.6 kg                                     | 23.4 lbs. / 10.6 kg                                     | 14.3 lbs. / 6.5 kg                                      |
|                           | Weight per Unit Area                            | 3.9 lbs/ft <sup>2</sup> / 19 kg/m <sup>2</sup>          | 4.3 lbs/ft <sup>2</sup> / 21.2 kg/m <sup>2</sup>        | 4.3 lbs/ft <sup>2</sup> / 21.2 kg/m <sup>2</sup>        | 5.3 lbs/ft <sup>2</sup> / 26 kg/m <sup>2</sup>          |
|                           | Physical Pixel Density (pixels/m <sup>2</sup> ) | 9,216   | 9,216   | 9,216   | 9,216   |
|                           | Flatness of Cabinet (mm)                        | ±0.5  | ±0.5  | ±0.5  | ±0.5  |
|                           | Cabinet material                                | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      |
| Service access            | Front or Rear<br>(select one only)              | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      |   |
| Optical Specifications    | Max Brightness After Calibration (nits)         | 7,000   | 7,000   | 7,000   | 7,000   |
|                           | Color Temperature (K)                           | 3,200-9,300   | 3,200-9,300   | 3,200-9,300   | 3,200-9,300   |
|                           | Visual Viewing Angle (Horizontal)               | 160°  | 160°  | 160°  | 160°  |
|                           | Visual Viewing Angle (Vertical)                 | 136°  | 136°  | 136°  | 136°  |
|                           | Brightness Uniformity                           | 0.97  | 0.97  | 0.97  | 0.97  |
|                           | Color Uniformity                                | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   |
|                           | Contrast Ratio                                  | 14,000:1  | 14,000:1  | 14,000:1  | 14,000:1  |
|                           | Processing Depth (bit)                          | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   | 16 (HDR10, HDR10 Pro)                                   |
| Electrical Specifications | Max. Power Consumption per Cabinet (W)          | 650   | 330   | 330   | 165   |
|                           | Avg. Power Consumption per Cabinet (W)          | 216   | 110   | 110   | 55  |
|                           | Max. Power Consumption (W/m <sup>2</sup> )      | 650   | 660   | 660   | 660   |
|                           | Max. Heat Dissipation per Cabinet (BTU/hr)      | 2,218   | 1,126   | 1,126   | 563   |
|                           | Avg. Heat Dissipation per Cabinet (BTU/hr)      | 737   | 375   | 375   | 188   |
|                           | Max. Heat Dissipation (BTU/h/m <sup>2</sup> )   | 2,218   | 2,252   | 2,252   | 2,252   |
|                           | Power Supply (Vac)                              | 100 to 240  | 100 to 240  | 100 to 240  | 100 to 240  |
|                           | Frame Rate (Hz)                                 | 50 / 60   | 50 / 60   | 50 / 60   | 50 / 60   |
|                           | Refresh Rate (Hz)                               | 3,840   | 3,840   | 3,840   | 3,840   |
| Operation Specifications  | LED Lifetime* (Half brightness)                 | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   |
|                           | Operating Temperature                           | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       |
|                           | Operating Humidity                              | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   |
|                           | IP rating Front                                 | IP65  | IP65  | IP65  | IP65  |
|                           | IP rating Rear                                  | IP65  | IP65  | IP65  | IP65  |
| Regulatory                | Certifications                                  | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               |
|                           | Certifications (Fire Protection)                | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        | BS476 Part7 Class1,<br>EN13501-1                        |
| Warranty & Other          | Warranty  | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) |
|                           | Environmental                                   | RoHS  | RoHS  | RoHS  | RoHS  |
|                           | Controller                                      | CVCA  | CVCA  | CVCA  | CVCA  |
|                           | 90 degree corner cut                            | Yes   | Yes   | No  | No  |

\* Lifetime spec does not supersede 3 Year Limited Warranty. Specifications are subject to change without notice.

| Model Name                | GSCD125-GN                                      | GSCD125-GN2   | GSCD125-GN3   | GSCD125-GN4   |   |
|---------------------------|---|---|---|---|---|
| Physical Parameters       | Pixel Configuration                             | Single SMD  | Single SMD  | Single SMD  | Single SMD  |
|                           | Pixel Pitch (mm)                                | 12.5  | 12.5  | 12.5  | 12.5  |
|                           | Module Resolution (W x H)                       | 40 x 20   | 40 x 20   | 40 x 20   | 40 x 20   |
|                           | Module Dimensions (W x H)                       | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          | 19.7 x 9.8 in.<br>500 x 250 mm                          |
|                           | Weight per Module                               | 3.0 lbs. / 1.38 kg                                      | 3.0 lbs. / 1.38 kg                                      | 3.0 lbs. / 1.38 kg                                      | 3.0 lbs. / 1.38 kg                                      |
|                           | No. of Modules per Cabinet (W x H)              | 2 x 4   | 2 x 2   | 1 x 4   | 1 x 2   |
|                           | Cabinet Resolution (W x H)                      | 80 x 80   | 80 x 40   | 40 x 80   | 40 x 40   |
|                           | Cabinet Dimensions (W x H x D)                  | 39.4 x 39.4 x 3.4 in.<br>1,000 x 1,000 x 86.3 mm        | 39.4 x 19.7 x 3.4 in.<br>1,000 x 500 x 86.3 mm          | 19.7 x 39.4 x 3.4 in.<br>500 x 1,000 x 86.3 mm          | 19.7 x 19.7 x 3.4 in.<br>500 x 500 x 86.3 mm            |
|                           | Cabinet Surface Area                            | 10.8 ft <sup>2</sup> / 1 m <sup>2</sup>                 | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 5.4 ft <sup>2</sup> / 0.5 m <sup>2</sup>                | 2.7 ft <sup>2</sup> / 0.25 m <sup>2</sup>               |
|                           | Weight per Cabinet                              | 41.9 lbs. / 19 kg                                       | 23.4 lbs. / 10.6 kg                                     | 23.4 lbs. / 10.6 kg                                     | 14.3 lbs. / 6.5 kg                                      |
|                           | Weight per Unit Area                            | 3.9 lbs/ft <sup>2</sup> / 19 kg/m <sup>2</sup>          | 4.3 lbs/ft <sup>2</sup> / 21.2 kg/m <sup>2</sup>        | 4.3 lbs/ft <sup>2</sup> / 21.2 kg/m <sup>2</sup>        | 5.3 lbs/ft <sup>2</sup> / 26 kg/m <sup>2</sup>          |
|                           | Physical Pixel Density (pixels/m <sup>2</sup> ) | 6,400   | 6,400   | 6,400   | 6,400   |
|                           | Flatness of Cabinet (mm)                        | ±0.5  | ±0.5  | ±0.5  | ±0.5  |
|                           | Cabinet material                                | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      | Extrusion Aluminum                                      |
| Service access            | Front or Rear<br>(select one only)              | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      | Front or Rear<br>(select one only)                      |   |
| Optical Specifications    | Max Brightness After Calibration (nits)         | 5,000   | 5,000   | 5,000   | 5,000   |
|                           | Color Temperature (K)                           | 3,200-9,300   | 3,200-9,300   | 3,200-9,300   | 3,200-9,300   |
|                           | Visual Viewing Angle (Horizontal)               | 160°  | 160°  | 160°  | 160°  |
|                           | Visual Viewing Angle (Vertical)                 | 113°  | 113°  | 113°  | 113°  |
|                           | Brightness Uniformity                           | 0.97  | 0.97  | 0.97  | 0.97  |
|                           | Color Uniformity                                | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   | ±0.003Cx,Cy   |
|                           | Contrast Ratio                                  | 20,000:1  | 20,000:1  | 20,000:1  | 20,000:1  |
|                           | Processing Depth (bit)                          | 14 (HDR10, HDR10 Pro)                                   | 14 (HDR10, HDR10 Pro)                                   | 14 (HDR10, HDR10 Pro)                                   | 14 (HDR10, HDR10 Pro)                                   |
| Electrical Specifications | Max. Power Consumption per Cabinet (W)          | 660   | 330   | 330   | 165   |
|                           | Avg. Power Consumption per Cabinet (W)          | 220   | 110   | 110   | 55  |
|                           | Max. Power Consumption (W/m <sup>2</sup> )      | 660   | 660   | 660   | 660   |
|                           | Max. Heat Dissipation per Cabinet (BTU/hr)      | 2,252   | 1,126   | 1,126   | 563   |
|                           | Avg. Heat Dissipation per Cabinet (BTU/hr)      | 751   | 375   | 375   | 188   |
|                           | Max. Heat Dissipation (BTU/h/m <sup>2</sup> )   | 2,252   | 2,252   | 2,252   | 2,252   |
|                           | Power Supply (Vac)                              | 100 to 240  | 100 to 240  | 100 to 240  | 100 to 240  |
|                           | Frame Rate (Hz)                                 | 50 / 60   | 50 / 60   | 50 / 60   | 50 / 60   |
| Refresh Rate (Hz)         | 3,840   | 3,840   | 3,840   | 3,840   |   |
| Operation Specifications  | LED Lifetime* (Half brightness)                 | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   | 100,000 Hours   |
|                           | Operating Temperature                           | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       | -22°F to +122°F<br>-30°C to +50°C                       |
|                           | Operating Humidity                              | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   | 10% to 99% RH   |
|                           | IP rating Front                                 | IP65  | IP65  | IP65  | IP65  |
|                           | IP rating Rear                                  | IP65  | IP65  | IP65  | IP65  |
| Regulatory                | Certifications                                  | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               | CE, FCC, ETL, EMC Class A                               |
|                           | Certifications (Fire Protection)                | -   | -   | -   | -   |
| Warranty & Other          | Warranty  | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) | 3 Year Limited<br>Up to 5 w/ ExtendedCare<br>(Optional) |
|                           | Environmental                                   | RoHS  | RoHS  | RoHS  | RoHS  |
|                           | Controller                                      | CVCA  | CVCA  | CVCA  | CVCA  |
|                           | 90 degree corner cut                            | Yes   | Yes   | No  | No  |

\* Lifetime spec does not supersede 3 Year Limited Warranty. Specifications are subject to change without notice.