

# Connect 2.0

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## Product Data Sheet



Created in collaboration with Designworks, a BMW Group Company, Connect 2.0 shelter's visual simplicity lets its beauty and sophistication shine while quietly complementing surrounding architecture and landscaping. Its timeless expression elevates an individual's transportation experience in a wide array of public and private spaces, including municipalities and corporate, healthcare, and university campuses.

Connect 2.0 utilizes an innovative center support system to easily expand and contract based on a client's and site's needs. Modular bays create shelters in 8', 12', 16', 24', and custom widths. The ADA-compliant shelter is available in multiple tempered glass side panel and open configurations that address site requirements and climate conditions.

### Shelter

- Connect 2.0 shelter is available in 8 ft, 12 ft, 16 ft, 24 ft, and in custom widths.
- Shelters can be configured with or without wall glass.
- Glass wall panels are always tempered safety glass.
- Shelters can be hardwired or solar to power lighting elements.
- Shelters always have lighting elements.
- Lighting elements include wayfinding lights, up lights, and down lights.
- Connect 2.0 is Buy America Compliant.

### Roof Options

- There are three roof options available:
  - Tempered laminated safety glass (glass)
  - Aluminum honeycomb panels (solid metal)
  - Capped end aluminum extrusions (louvered metal)
- All roof types may be specified with a solar panel.
- Solar panels are positioned on the roof of the shelters. Roof type and size of shelter affect location and installation of solar panel (please refer to product drawings for solar panel location).

### Lighting Elements

- Lighting elements include:
  - Wayfinding lights
  - Up lights
  - Down lights
- Down lights run the full length of the roof rafter.
- The lighting temperature of all lit elements is 3500k.
- The output power will be set to comply with RP8 guidelines for roadway lighting with heavy traffic.

Glass Roof				
8-Foot Shelter				
8-Foot	Glass roof	Glass roof with solar	Glass roof (back + side glass)	Glass roof with solar (back + side glass)
depth x width x height	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)
Weight	861 lbs	1,118 lbs	1,296 lbs	1,534 lbs
8-Foot	Glass roof (back, side + right front)	Glass roof with solar (back, side + right front)	Glass roof (back, side + left front)	Glass roof with solar (back, side + left front)
depth x width x height	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)
Weight	1,413 lbs	1,670 lbs	1,413 lbs	1,670 lbs
12-Foot Shelter				
12-Foot	Glass roof	Glass roof with solar	Glass roof (back + side glass)	Glass roof with solar (back + side glass)
depth x width x height	76" (d) x 144" (w) x 99" (h)	76" (d) x 144" (w) x 99" (h)	76" (d) x 144" (w) x 99" (h)	76" (d) x 144" (w) x 99" (h)
Weight	1,134 lbs	1,153 lbs	1,677 lbs	1,697 lbs
12-Foot	Glass roof (back, side + center front glass)	Glass roof with solar (back, side + center)		
depth x width x height	76" (d) x 144" (w) x 99" (h)	76" (d) x 144" (w) x 99" (h)		
Weight	1,809 lbs	1,829 lbs		

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### Glass Wall Panel Configurations

#### 8 ft Shelter

- No wall panels.
- All back and side panels.
- All back and side panels, and one front right panel.
- All back and side panels, and one front left panel.

#### 12 ft Shelter

- No wall panels.
- All back and side panels.
- All back and side panels, and one front right panel.

#### 16 ft Shelter

- No wall panels.
- All back and side panels.

#### 24 ft Shelter

- No wall panels.
- All back and side panels.

#### Custom Width Shelters

- No wall panel.
- All back and side panels.

### Glass Wall Panels

Tempered safety glass is heat treated so that it is four times stronger than regular glass and it does not leave sharp edges when broken.

Glass Roof (cont.)				
16-Foot Shelter				
16-Foot	Glass roof	Glass roof with solar	Glass roof (back + side glass)	Glass roof with solar (back + side glass)
depth x width x height	76" (d) x 217" (w) x 99" (h)	76" (d) x 217" (w) x 99" (h)	76" (d) x 217" (w) x 99" (h)	76" (d) x 217" (w) x 99" (h)
Weight	2,175 lbs	2,236 lbs	3,007 lbs	3,068 lbs
24-Foot Shelter				
24-Foot	Glass roof	Glass roof with solar	Glass roof (back + side glass)	Glass roof with solar (back + side glass)
depth x width x height	76" (d) x 311" (w) x 99" (h)	76" (d) x 311" (w) x 99" (h)	76" (d) x 311" (w) x 99" (h)	76" (d) x 311" (w) x 99" (h)
Weight	2,215 lbs	2,306 lbs	3,260 lbs	3,394 lbs
Custom Width Shelters				
Custom Width Shelters	Glass roof	Glass roof (back + side glass)		

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### Installation

- Connect 2.0 shelter does not ship fully assembled.
- Glass panels ship separately from unit and will include glass safety decals in hardware pack for installer to apply.
- Please refer to installation guide for more information regarding the glass safety decals.
- Shelter is always embedded.
- Installation hardware will include threaded anchors with 2-3/8" of adjustability.
- Max slope (8 ft Shelter)
  - front to back - 4.21%
  - side to side - 2.22%
- Max slope (12 ft Shelter)
  - front to back - 4.21%
  - side to side - 1.52%
- Max slope (16 ft Shelter)
  - front to back - 4.21%
  - side to side - 1.96%
- Max slope (24 ft Shelter)
  - front to back - 4.21%
  - side to side - 1.31%

Metal Roof				
8-Foot Shelter				
8-Foot	Solid metal roof	Solid metal roof with solar	Solid metal roof (back + side glass)	Solid metal roof with solar (back + side glass)
depth x width x height	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)
Weight	583 lbs	840 lbs	1,019 lbs	1,257 lbs
12-Foot Shelter				
8-Foot	Solid metal roof (back, side + left front)	Solid metal roof with solar (back, side + left front)	Solid metal roof (back, side + right front)	Solid metal roof with solar (back, side + right front)
depth x width x height	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)	76" (d) x 114" (w) x 99" (h)
Weight	1,135 lbs	1,392 lbs	1,135 lbs	1,392 lbs
12-Foot Shelter				
12-Foot	Solid metal roof	Solid metal roof with solar	Solid metal roof (back + side glass)	Solid metal roof with solar (back + side glass)
depth x width x height	76" (d) x 162" (w) x 99" (h)	76" (d) x 162" (w) x 99" (h)	76" (d) x 162" (w) x 99" (h)	76" (d) x 162" (w) x 99" (h)
Weight	739 lbs	996 lbs	1,282 lbs	1,540 lbs
12-Foot Shelter				
12-Foot	Solid metal roof (back, side + center front)	Solid metal roof with solar (back, side + center front)		
depth x width x height	76" (d) x 162" (w) x 99" (h)	76" (d) x 162" (w) x 99" (h)		
Weight	1,414 lbs	1,671 lbs		

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### To Specify

- Specify shelter length and width (custom widths available), roof style (glass, louvered metal, or solid metal), and select wall panel configuration. All Connect 2.0 shelters come equipped with LED lighting (select hardwire power or solar).
- Select standard powdercoat color.
- Connect 2.0 is always embedded.

### Finishes

- Metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling, and fading.
- Visit [landscapeforms.com](https://landscapeforms.com) for the standard color chart.

**Designed by Designworks, a BMW Group Company**

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Metal Roof (cont.)				
16-Foot Shelter				
16-Foot	Metal roof	Metal roof with solar	Metal roof (back + side glass)	Metal roof with solar (back + side glass)
depth x width x height	76" (d) x 217" (w) x 99" (h)	76" (d) x 217" (w) x 99" (h)	76" (d) x 217" (w) x 99" (h)	76" (d) x 217" (w) x 99" (h)
Weight	1,166 lbs	1,680 lbs	2,038 lbs	2,514 lbs
24-Foot Shelter				
24-Foot	Metal roof	Metal roof with solar	Metal roof (back + side glass)	Metal roof with solar (back + side glass)
depth x width x height	76" (d) x 311" (w) x 99" (h)	76" (d) x 311" (w) x 99" (h)	76" (d) x 311" (w) x 99" (h)	76" (d) x 311" (w) x 99" (h)
Weight	1,478 lbs	1,992 lbs	2,564 lbs	3,080 lbs