CS-SHADE-ROLLER-BATT

Crestron® Battery Powered Shades

Crestron® battery-powered shades (CS-SHADE-ROLLER-BATT) add beauty, convenience, and comfort to any interior space.[1] Install battery-powered shades in locations where power and control wires cannot be run. A battery pack powers the shade motor while the SG radio provides control and status of the shade.

Long-life Battery Operation

Power is supplied to the QMT® shade motor via 8 D cell batteries[2] (not supplied). The batteries are stored in an external battery compartment that is mounted in the fascia of QMT3 Series Architectural shade hardware. When mounting with QMT3 Series Décor shade hardware, the battery compartment can be hidden behind the roller shade fabric, valence, or drapes, and can be color-matched to the bracket hardware.

QMT®3 Series Architectural or Décor Mounting Hardware

Designed for use with Crestron® QMT®3 Series Architectural (CSS-ARCH3) or QMT3 Series Décor (CSS-DECOR3) mounting hardware.[1] QMT3 series mounting hardware is a compact mounting system that allows a Crestron shade to be mounted on a wall, ceiling, or window jamb.

The CSA-ARCH3 fascia for battery-operated shades includes an integrated battery holder that neatly stores the battery compartment. The battery holder swings open to provide easy access for battery replacement.

Natural and Artificial Daylight Control

Protect fine furnishings and floor coverings from harmful UV rays with intelligent shading solutions. For added energy efficiency, shades can also reduce solar-heat gain in the summer and utilize its warmth in the winter.

Security and Privacy

Shades provide privacy and security. Use semi-translucent shade fabrics to allow natural light into the space, or blackout shade fabric to completely block views.

Quiet Shade Motors

Crestron automated shades feature low-voltage Digital QMT® shade motors for quiet operation. Crestron shades help manage daylight without audible disruptions to the space.

Brushless Motor Technology

The Crestron Digital QMT shade motor is a brushless design, which translates into exceptional reliability, smoother operation, and ultra-quiet performance.

Easy Installation

Crestron shades are easy to install. Brackets are easily mounted, and the shade components are secured with no special tools required.

Crestron Design Tool Shades (CDTS) Software

The Crestron Design Tool Shades (CDTS) is a web-based tool used for quoting and ordering Crestron roller shades and

- *Easy installation in post-construction or retrofit applications*
- *3 year (average) battery life*
- *Install shades where power and control cabling cannot be run*
- *Designed for use with Crestron® QMT®3 Series Architectural or QMT3 Series Décor shade hardware*
- *For roller shades 22 to 96 in. (559 to 2,439 mm) wide using Décor shade hardware*
- *For roller shades 24 to 96 in. (610 to 2,439 mm) wide using Architectural shade hardware*
- *Digital Quiet Motor Technology™ provides silent operation and precise positioning*
- *Patented automatic torque calibration technology detects obstructions to prevent damage*
- *Programmable stop points afford customizable scene presets*
- *Real-time remote activity monitoring and status feedback*
- *Local pushbutton interface for setup and testing*
- *Onboard multicolor diagnostic LED*
- *Quick and easy installation*
- *Dependable, brushless motor design provides reliable, long-life operation*
- *Fully integrated antenna— no external antenna or dongle required*
- *Control system integration using SG wireless communications*
- *Powered using 8 D cell batteries in an external battery pack*
- *Limited Lifetime Warranty*

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drapery tracks. The software may be used to easily create proposals for customers and place orders directly to Crestron.

Specifications

Shade Motor

CSM-QMTDC-163-1-SG	For details, refer to the CSM-QMTDC-163-1-SG product page.
CSMI-QMTDC-163-1-SG	For details, refer to the CSMI-QMTDC-163-1-SG product page.

Shade Brackets

CSS-ARCH3	For details, refer to the CSS-ARCH3 product page.
CSS-DECOR3	For details, refer to the CSS-DECOR3 product page.

Environmental

Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% RH (noncondensing)

Dimensions

System Width	**Décor shade hardware:** 22 to 96 in. (559 to 2,439 mm); **Architectural shade hardware:** 24 to 96 in. (610 to 2,439 mm); **Architectural shade hardware with blackout channels:** 29 to 96 in. (737 to 2,439 mm); Depending upon shade height and fabric selection

Compliance

Regulatory Model: M202034001
UL, cUL, FCC, IC, CE, RCM

Model

CS-SHADE-ROLLER-BATT
Crestron® Battery Powered Shades

Available Accessories

For a list of available accessories, visit the CS-SHADE-ROLLER-BATT product page.

Notes:

1. Battery-powered shade motors cannot be used with roman shades, horizontal sheers, dual-roll brackets, couplers, and pockets.

2. Estimated battery life is based on two open/close cycles per day. High environmental temperatures and shades taller than 60 in. (1524 mm) can reduce the battery life.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

Crestron® Battery Powered Shades

CSS-DECOR3 Bracket

CSS-DECOR3 Bracket (Left and Right)

2.9 in.
(75 mm)

2.4 in.
(62 mm)

0.7 in.
(17 mm)

2.4 in.
(62 mm)

2.9 in.
(75 mm)

2.4 in.
(62 mm)
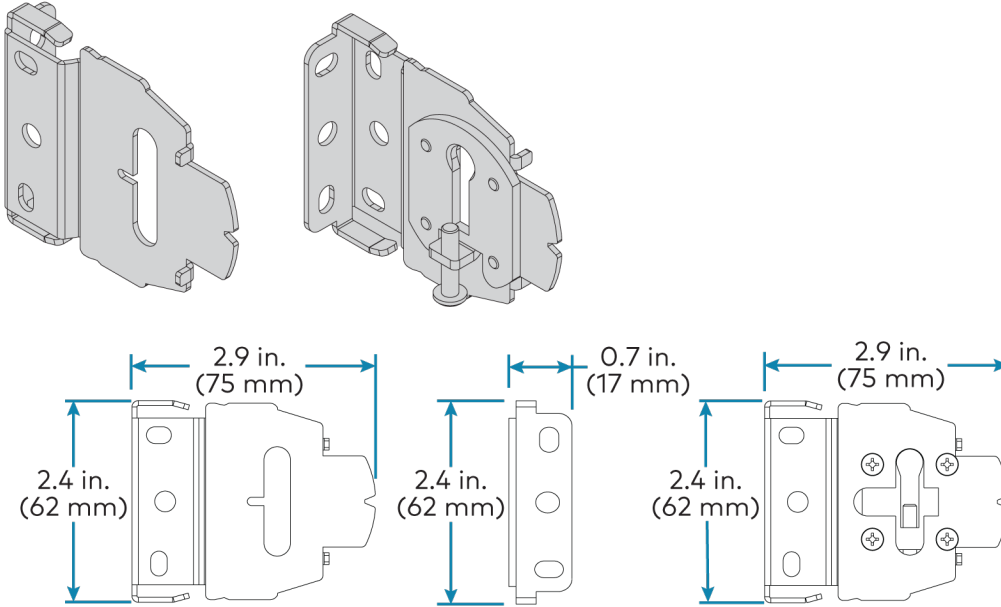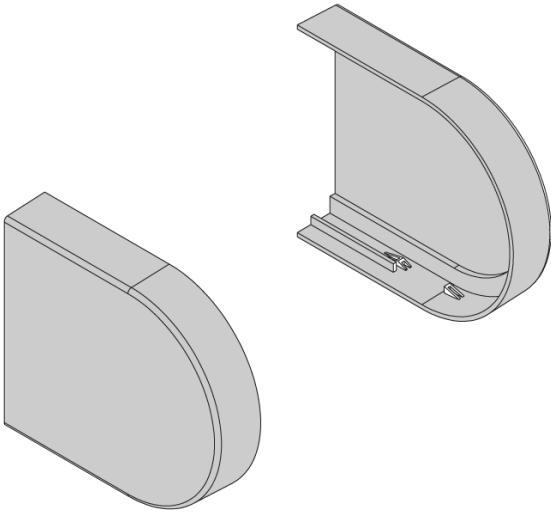
CSS-DECOR3 End Caps

CSS-ARCH3 Bracket

CSS-ARCH3 Bracket (Left and Right)
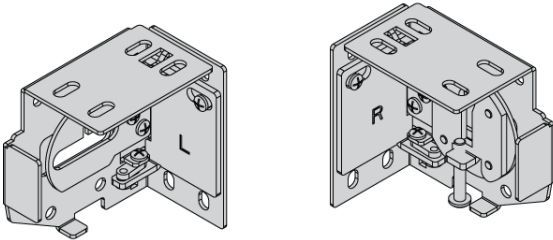
CSS-ARCH3 Dimensions (Left Bracket)

0.72 in.
(19 mm)

1.25 in.
(32 mm)

0.45 in.
(12 mm)

0.90 in.
(23 mm)

0.56 in.
(15 mm)

1.75 in.
(45 mm)

2.94 in.
(75 mm)

0.88 in.
(23 mm)

0.45 in.
(12 mm)

2.94 in.
(75 mm)

2.22 in.
(57 mm)
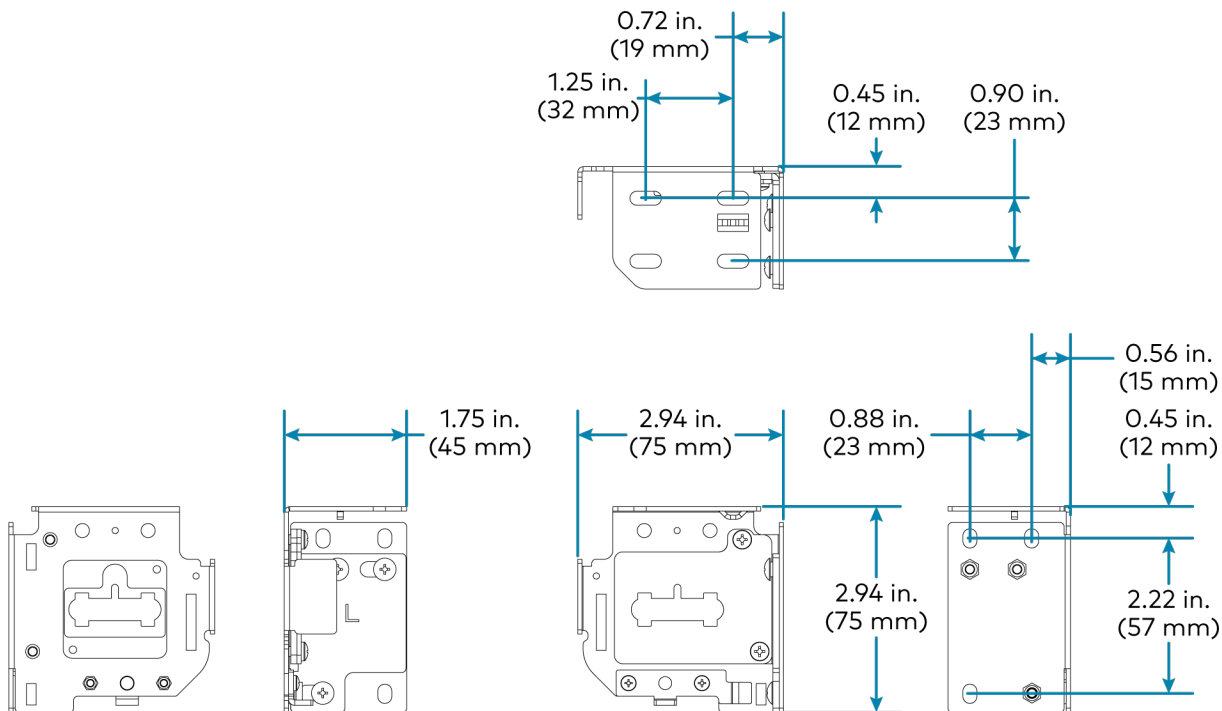
CSS-ARCH3 Dimensions (Right Bracket)

0.72 in.
(19 mm)

0.90 in.
(23 mm)

0.45 in.
(12 mm)

1.25 in.
(32 mm)

0.56 in.
(15 mm)

1.75 in.
(45 mm)

2.94 in.
(75 mm)

0.45 in.
(12 mm)

0.88 in.
(23 mm)

2.94 in.
(75 mm)

2.22 in.
(57 mm)

R
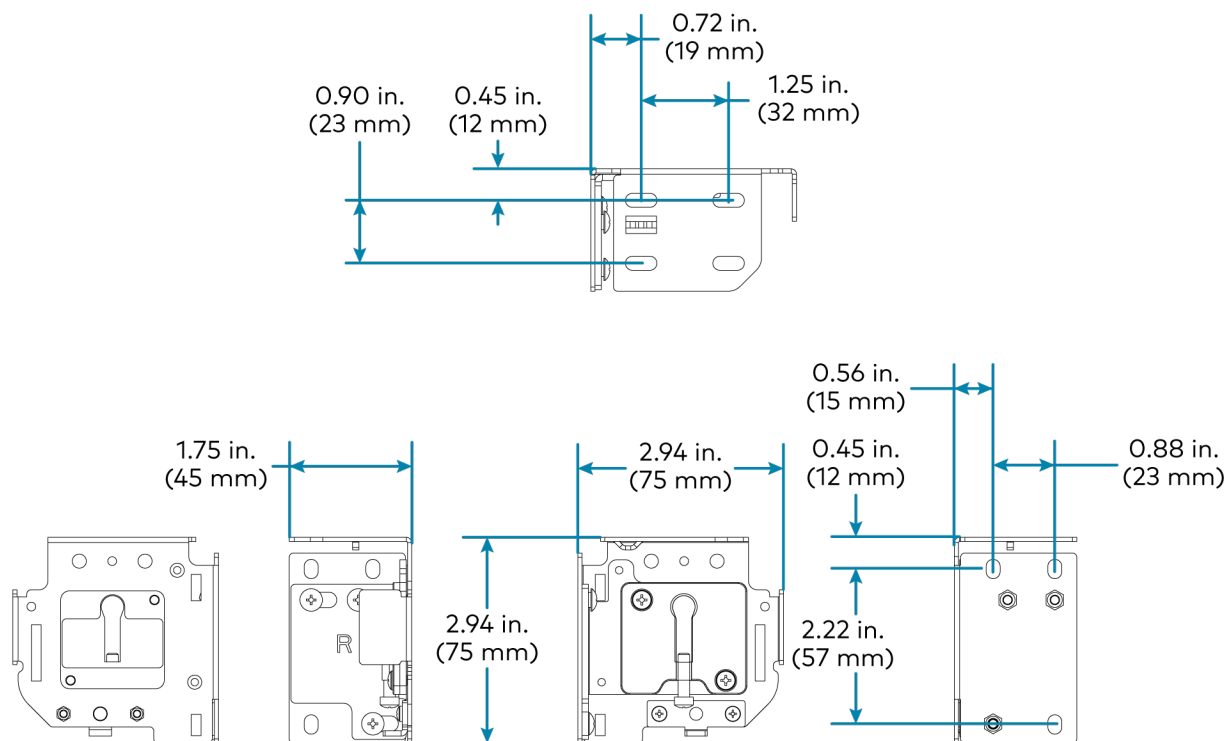
CSS-ARCH3 Dimensions with Fascia (Curved and Square)

3.19 in.
(81 mm)

3.19 in.
(81 mm)

5.25 in.
(134 mm)

5.25 in.
(134 mm)

3.19 in.
(81 mm)

6.92 in.
(176 mm)
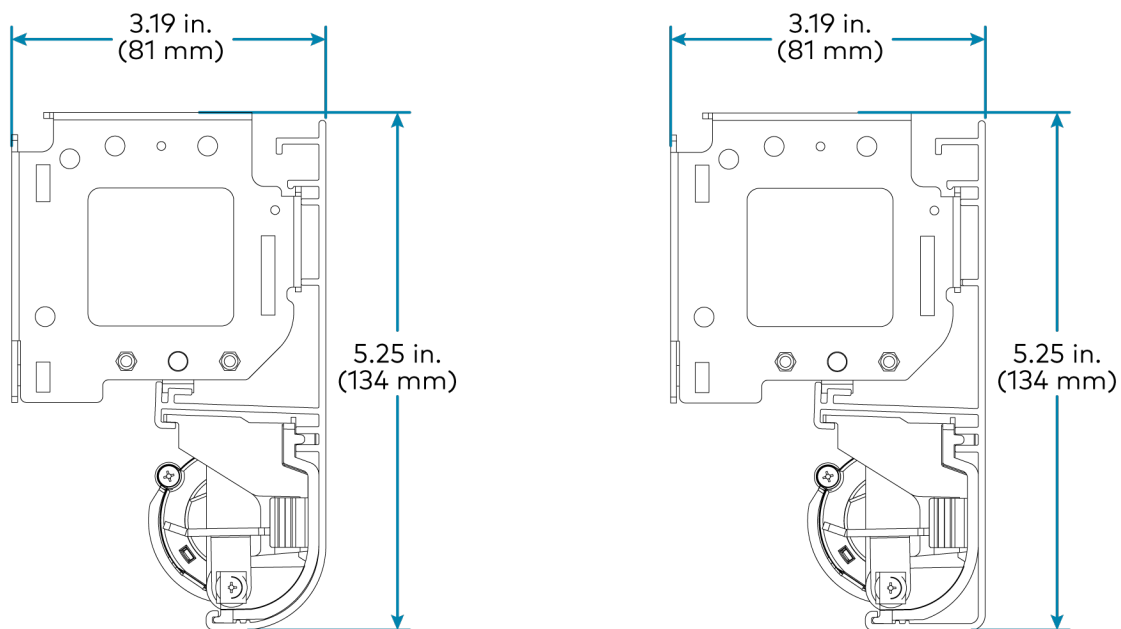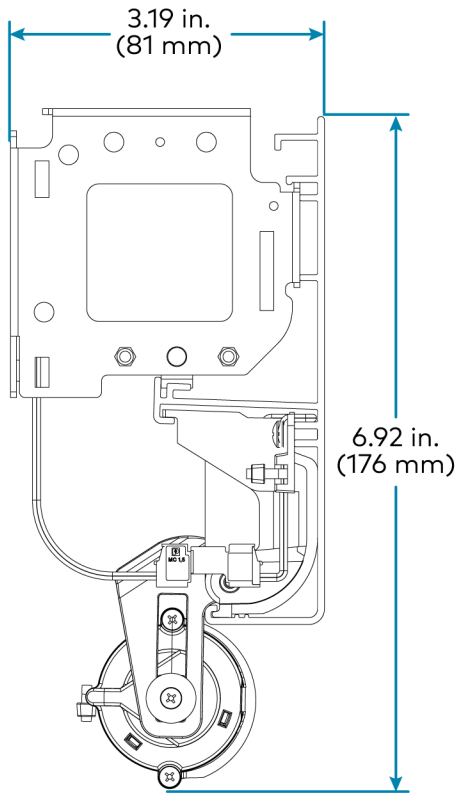
CSS-ARCH3 Fascia (Curved and Square)
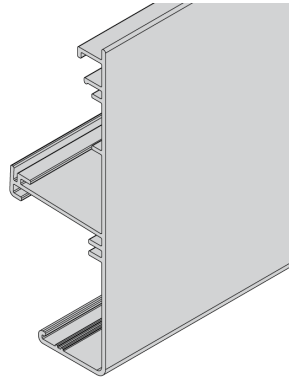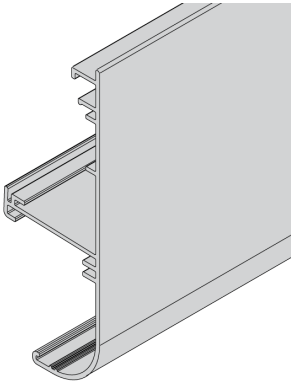
1.74 in.
(44 mm)

5.17 in.
(132 mm)

1.74 in.
(44 mm)

5.17 in.
(132 mm)
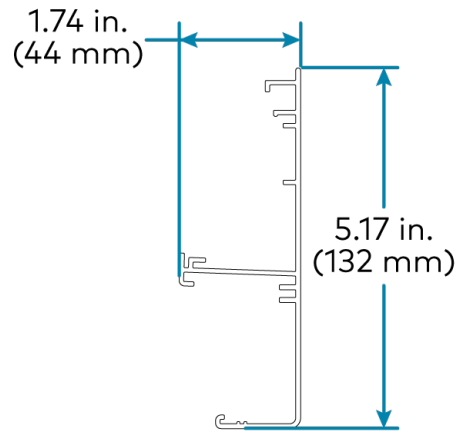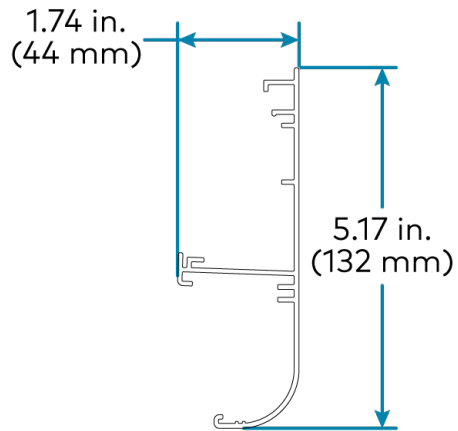
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CSS-ARCH3 End Caps (Curved and Square)

3.26 in.
(83 mm)

TOP

LEFT

5.31 in.
(135 mm)

3.26 in.
(83 mm)

TOP

LEFT

5.31 in.
(135 mm)
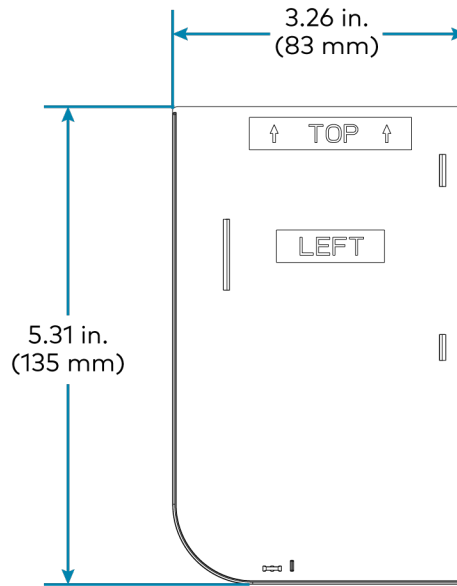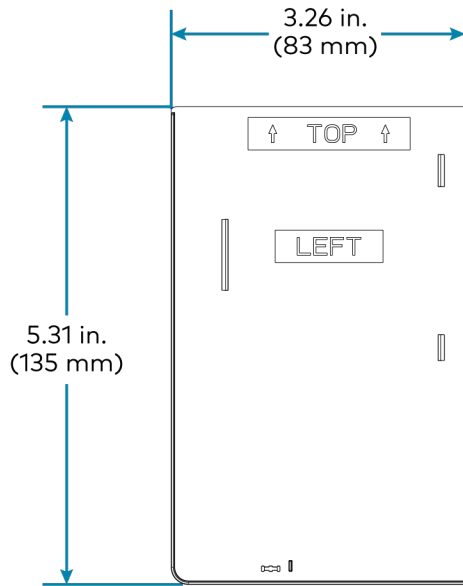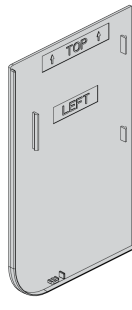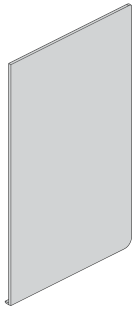
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Battery Pack

Battery Pack Dimensions

1.81 in.
(46 mm)

21.90 in.
(557 mm)

2.16 in.
(55 mm)
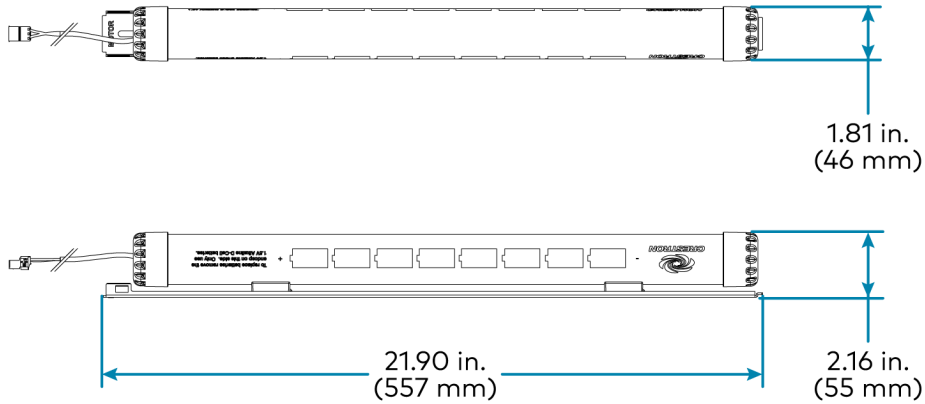
Battery Pack Cover Dimensions

2.06 in.
(53 mm)

21.99 in.
(559 mm)

2.25 in.
(58 mm)
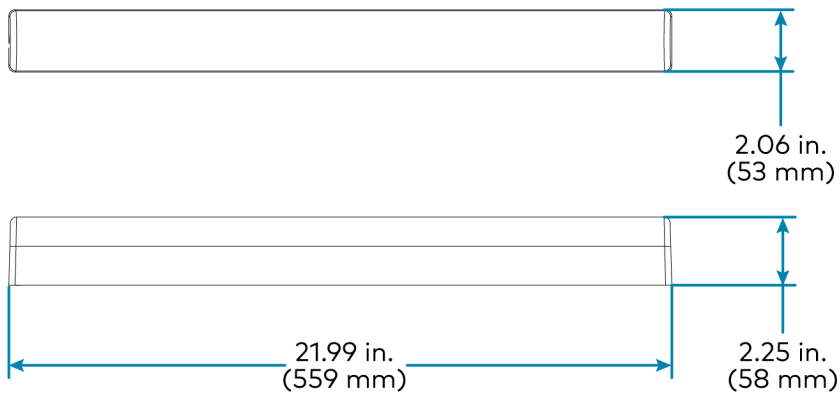
Blackout Accessories

H-Channel

5 in.
(127 mm)

1 in.
(26 mm)

Side Channel

2-1/2 in.
(64 mm)

1 in.
(26 mm)

1-1/2 in.
(38 mm)

1 in.
(26 mm)

Sill Angle

1-3/4 in.
(45 mm)

1-1/16 in.
(28 mm)

Channel Cap

1 in.
(26 mm)

2-1/2 in.
(64 mm)

1-1/2 in.
(38 mm)