BrightLink™ Wall Mount Installation Worksheets

Select a mounting option below to view the worksheet

Projecting on a Plain Wall

Projecting on a Pre-installed Wall-mounted Board

Installation Worksheet for Projecting on a Plain Wall

Use this worksheet to determine where to position the wall mount for a BrightLink™ installation on a plain wall.

(1) Measure the ceiling height (distance from the floor to the ceiling). _____

(2) Determine the desired aspect ratio of the image. For new computers or laptops, this will most likely be WXGA (16:10). For older equipment, this will most likely be XGA (4:3). You may need to consult your IT director for this information.

    4:3 XGA   16:10 WXGA   16:9 Widescreen

(3) Using the tables in the *Installation Guide* for your aspect ratio, select the largest image size available for your ceiling height.

    Image height (h)   _____ (h)
    Image width (w)   _____ (w)

(4) Determine the desired distance from the floor to the bottom of the image area (f).   _____ (f)

    The recommended minimum distance is 30 inches. Images appearing less than 28 inches from the floor may be obstructed for some viewers.

(5) Find the top of the projected image area by adding distances (f) and (h).   _____

(6) Use the tables in the *Installation Guide* to determine the required distance from the top of the image area to the bottom of the wall plate (b).   _____ (b)
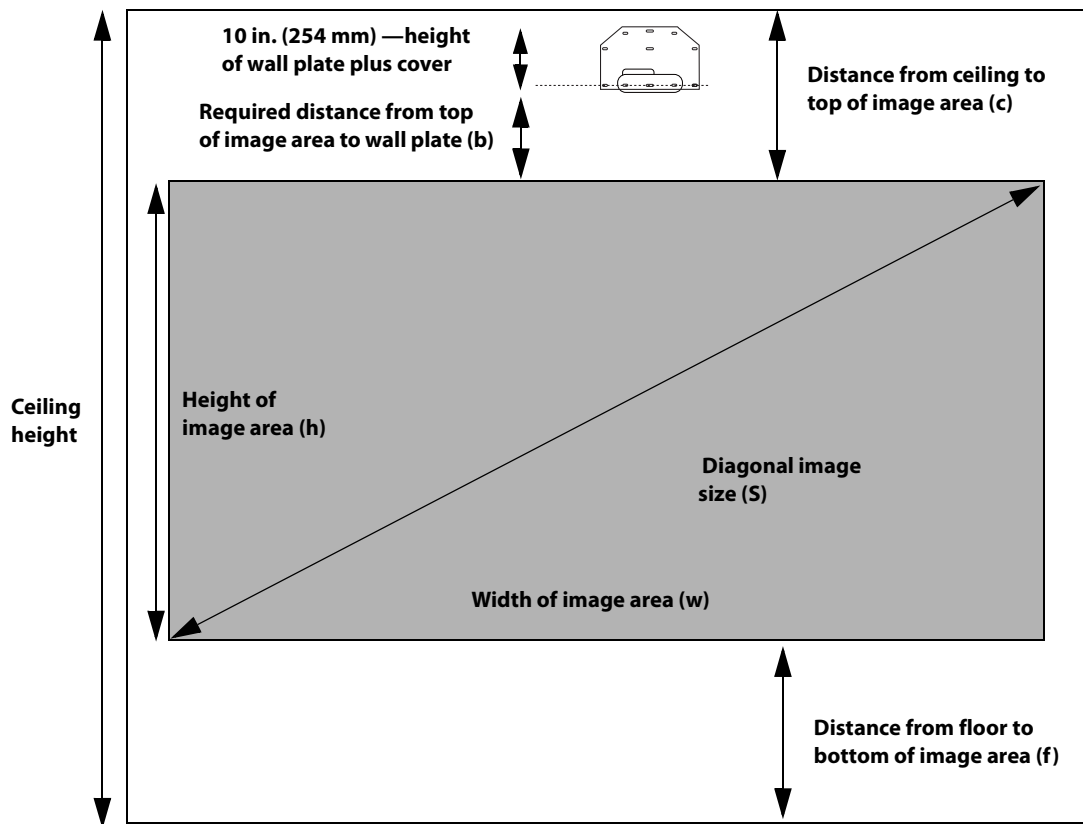
(7) Add:
    Required distance from top of image area to wall plate (b)   _____ (b)
    Height of image area (h)   _____ (h)
    Distance from floor to bottom of image area (f)   _____ (f)
    Height of wall plate plus cover   +10 inches

    If the total exceeds the ceiling height, you will need to reduce the image size or reduce the distance from the floor to the bottom of the image area.   _____ total

10 in. (254 mm) —height of wall plate plus cover

Required distance from top of image area to wall plate (b)

Distance from ceiling to top of image area (c)

Ceiling height

Height of image area (h)

Diagonal image size (S)

Width of image area (w)

Distance from floor to bottom of image area (f)

(8) After confirming your image size, use tape or a pencil to mark the distance (b) from the top of the image area on the board to the bottom of the wall plate.
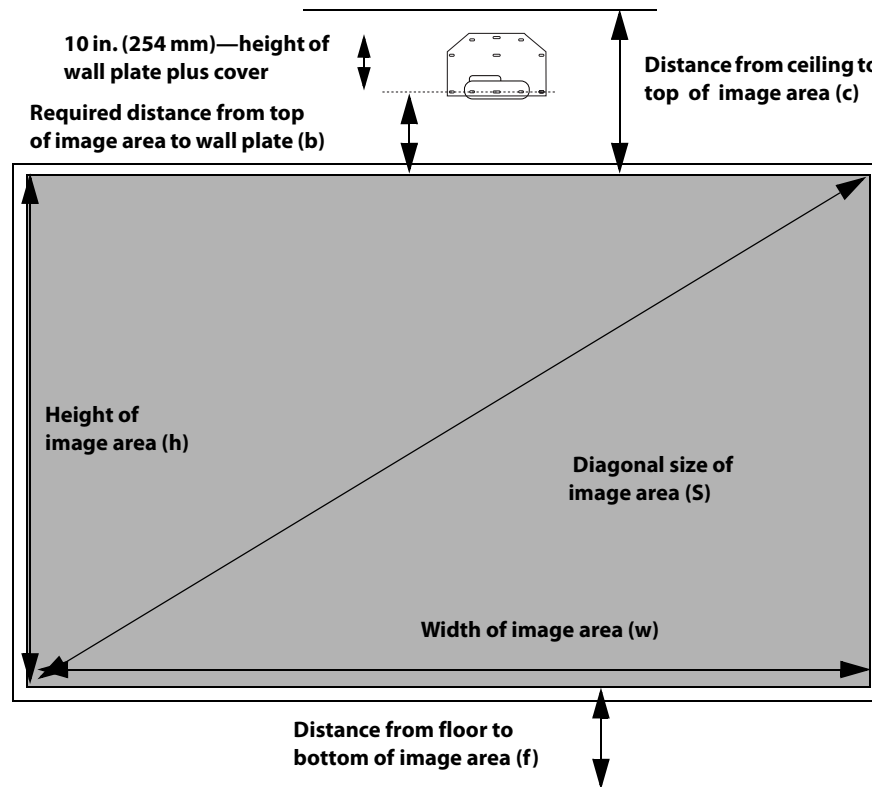
Align the ★ line (horizontal) on the template sheet with the (b) mark, then align the center line on the template sheet with the center of the image area. Follow the instructions in the *Installation Guide* to install the projector.

Installation Worksheet
for Projecting on a Pre-installed Wall-mounted Board

Use this worksheet to determine where to position the wall mount for a BrightLink™ installation with a pre-existing whiteboard.

(1) Measure the ceiling height (distance from the floor to the ceiling).   _____

(2) Measure the height of the board's image area (h).   _____ (h)

(3) Measure the width of the board's image area (w).   _____ (w)

(4) Measure the distance from the floor to the bottom of the board's image area (f).   _____ (f)

(5) Measure the distance from the ceiling to the top of the board's image area (c).   _____ (c)

(6) Measure the thickness of the board (x).   _____ (x)

10 in. (254 mm)—height of wall plate plus cover

Required distance from top of image area to wall plate (b)

Distance from ceiling to top of image area (c)

Height of image area (h)

Diagonal size of image area (S)

Width of image area (w)

Distance from floor to bottom of image area (f)

(7) Determine the aspect ratio of the board or of the images that will be projected. For new computers or laptops, this will most likely be WXGA (16:10). For older equipment, this will most likely be XGA (4:3). You may need to consult your IT director for this information.

4:3 XGA   16:10 WXGA   16:9 Widescreen

(8) Using the tables in the *Installation Guide* for your aspect ratio and desired image height (h), find the required distance between the top of the image area and the wall plate (b).

_____ (b)

(9) Determine the position for your projector installation by adding the values for (f), (h), and (b), plus an additional 10 inches for the height of the wall plate plus the cover.

_____ (f)

_____ (h)

_____ (b)

+10 inches

If the ceiling height of your room (as noted in step 1) does not meet the minimum ceiling height required for your board, you may need to select a smaller image size or move the board to a lower position on the wall.

_____ total

(10) After confirming your image size, use tape or a pencil to mark the distance (b) from the top of the image area on the board to the bottom of the wall plate.

(11) Align the ★ line (horizontal) on the template sheet with the (b) mark, then align the center line on the template sheet with the center of the image area. Follow the instructions in the *Installation Guide* to install the projector.