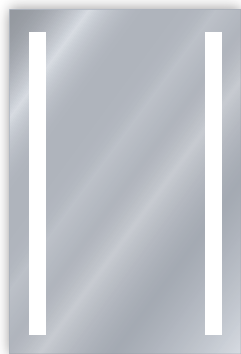




## Technical Data

# LED SIDELIT MIRROR

# B-169



STANDARD B-169 MIRRORS

### OVERALL SIZE

MODEL NO.	W	H	Lumens
B-169 2436	24" (610mm)	36" (914mm)	1,250
B-169 2448	24" (610mm)	47-7/12" (1209mm)	1,500
B-169 3040	30" (762mm)	40" (1016mm)	1,450



### Installation Guidance

**Maximum mounting height bottom edge of reflective surface above lavatories and countertops:**

ADA, ICC A117.1 and CBC: 40" (1015mm) above finished floor (AFF)

\*For more information regarding mirror mounting heights, please refer to Bobrick Planning Guide for Accessible Restrooms, page 9 and 15.

### Designer's Notes:

1. Mirrors are manufactured to a  $\pm 0.04"$  (1mm).
2. For sufficient space to lift mirror onto key hole slots allow 1".
3. ADA, ICC A117.1, and CBC require mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface no higher than 40" (1015mm) maximum above the finished floor. ICC A117.1, and CBC require mirrors not located above lavatories or countertops shall be installed with bottom edge of reflecting surface 35" (890mm) maximum above the finished floor.
4. A single full length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of the mirror should be 74" (1880mm) minimum from the finish face of floor.

### MATERIALS:

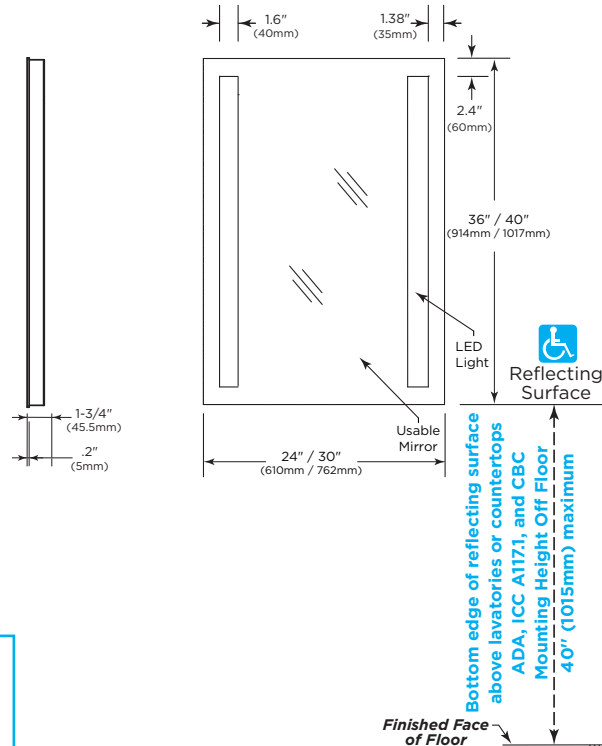
**Glass** — 3/16" (5mm) thick safety mirror with 0.14mm PVC film backer with frosted sandblasting.

**Extruded Back** — Aluminum channel with mounting holes.

**Optional 6V AC Adapter with U.S. Plug** — Available. Order Part No. 164-57.

### TOOLS NEEDED (Customer Supplied):

Toggle Bolts (optional)	Tape Measure	Electric Drill



continued . . .

### Safety Instructions:

- Disconnect power before installing, adding or changing any component.
- To avoid a hazard to children, account for all parts and destroy all packing materials.
- Do not install any luminaire assembly closer than 6" from any combustible materials.
- This power supply must be installed according to the National Electrical Code and local building codes.

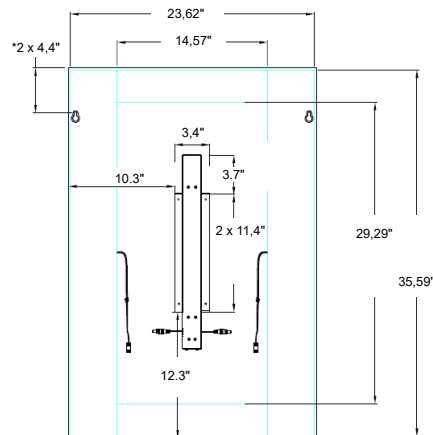
### INSTALLATION:

Mark the location of the wire exit and mounting holes. See individual product specifications for mounting hole locations. Install a duplex receptacle (not provided).

Bobrick offers a 90-degree plug (order 164-57); a straight plug would not fit unless using a recessed outlet, so the outlet should be installed a few inches away from the wire exit. Locating it too close to the wire exit may interfere with the power supply housing and prevent the mirror from being plugged in properly.

Install mounting screws into pre-marked holes. It is highly recommended that all mirrors be installed in contractor supplied blocking, however, drywall anchors may be used if no blocking is available.

For added safety, Bobrick recommends the 55-1/8" x 25-5/8" (1400 x 650mm) or larger edge lit mirror only be installed in blocking. If blocking is not available, drywall toggle bolts (not provided) should be used.



### IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

Read all instructions before using this mirror.

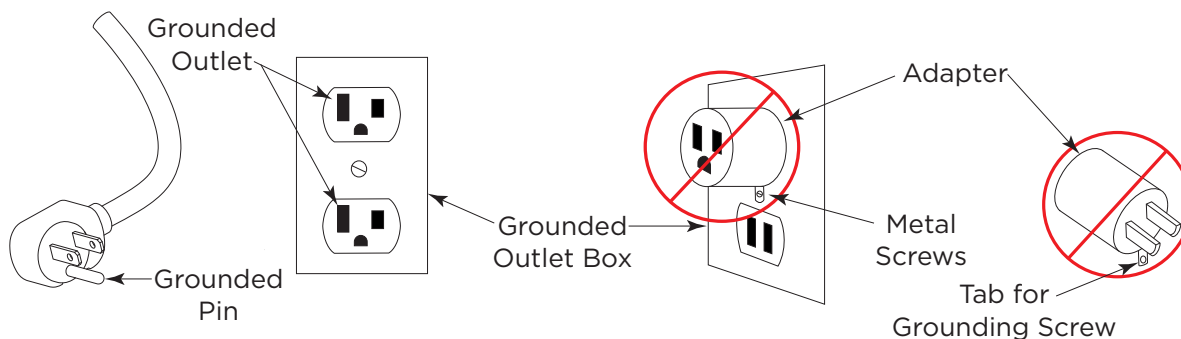
**DANGER** - To reduce the risk of electric shock; Always unplug this mirror from the electrical outlet before cleaning.

**WARNING** - To reduce the risk of burns, fire, electric shock, or injury to persons:

- Unplug from outlet before putting on or taking off parts.
- Close supervision is necessary when this mirror is used by, or near children, invalids, or disabled persons.
- Use this mirror only for its intended use as described in these instructions.
- Never operate this mirror if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.
- Keep the cord away from heated surfaces.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- **WARNING:** Risk of electric shock - Connect this mirror to a properly grounded outlet only. See grounding instructions.

### GROUNDING INSTRUCTIONS

This mirror is for use on a nominal 120V circuit and has an optional three prong grounding plug that looks like the plug illustrated in sketch below. Make sure that the mirror is connected to an outlet having the same configuration as the plug. No adapter should be used with this mirror.



### SPECIFICATION:

Mirrors shall have a 1mm thick anodized AL6061 frame. Integral cULus recognized power supply must have 24V output and 110 - 277V input along with 0-10V dimming option. Reflective surface shall be 3/16" (5mm) thick and covered with a 0.14mm PVC film backer with frosted sandblasting. Lead free silver backing shall exceed ISO 9227:2012 and exceed 120-hour corrosion testing. Aluminum mounting panel shall contain key hole slots both top and bottom to provide easy installation and prevent the mirror from pulling away from the wall.

**LED Sidelit Mirror shall be Model B-169 \_\_\_\_\_ (insert width and height) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.**