

# NewHome Bath and Mirror

ShowerLite



CLEARMIRROR

## 12 x 12 ShowerLite Specifications

### Operation

The ShowerLite is a patented, low-voltage back-lit bathroom mirror defogger and mirror for a shower or steam room. The ultra thin heater adheres to the back of the mirror and connects to the same circuit as the bathroom light fixture, fan or separate switch. When powered, the mirror heats up, preventing condensation from forming on the middle of the mirror and the LED lights turn on. Allow 5 to 10 minutes for the heater to warm up. While approved for use in a steam showers, it may fog up under intense steam.

The ShowerLite installs flush with the bathroom shower surround. A low-voltage power supply provides safe electrical current and is typically plugged into a switched outlet located in the soffit, attic space, adjoining closet, or below the vanity. The power supply must be accessible.

Wiring must be performed by a licensed electrician. Follow local / national electrical codes. Place the transformer in a dry location outside the shower. The transformer must be switched and only use Class 2 wire from the transformer to the defogger location in the shower.

### Wattage

Heater is 8" x 10" size and covers the area between the LED panels. Uses only 20 Watts (heater and LEDs combined).

### Power Supply

All standard sizes use a plug-in 120 volt primary and a 24-volt DC power supply (UL 1310 Class 2).

### Maximum Operating Temperature

102° Fahrenheit.

### Approvals

UL and C-UL listed.

### Connections

Standard (2) 24-inch, 18 gauge wire leads that exit the ClearMirror from the heating pad and (2) 12-inch 18 gauge wire leads that exit from each LED pads. All leads are run to snap connectors and low voltage wires are run from the supplied power supply to the leads. The wires are connected and placed in a junction box behind the mirror.

### Mirror

High quality ¼-inch glass with polished edges. Mirrors are **sized 1/8" smaller** than the listed size to allow for grout.

### Adhesion to Mirror and Wall Board

Pad and LED panels are applied with an acrylic PSA. Use mirror mastic (Gunther Premier recommended) to adhere mirror to wall board. Any other adhesive may damage the silvering of the mirror.

### Pad, LED Panel and Mirror Thickness

The heater and the mirror are a little over a ¼". The LED panels are an additional ¼". In most applications the areas directly behind the LED panels must be notched out to accommodate for the extra depth.

### Warranty and Expected Lifespan

5-year replacement warranty against product defects. The Toyota-brand LEDs are rated 70,000 hours (LM70).

### Caution

Do not attempt to remove the LED panels or the heating pad from the mirror. This will damage the unit.

### Notes

- Do not install on exterior walls in extremely cold climates unless the wall is well insulated.
- Mirror and pad must be grouted or caulked into tile completely and must be flush with the tile surface.

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## Connections

