

BATHOLOGY

rediscover bathing



Spectrum 220

Ice White Lighting System

Installation and Operation Manual

Package Includes

- (1) Soft-Touch light switch
- (1) Power supply module
- (4) Brilliance 310 light fixture
- (2) 25' Light / switch extension cable
- (4) 8' Light cable
- (2) Plastic wall anchor
- (2) Stainless steel screw, #6
- (8) 'O' ring
- (1) RTV silicone sealant, 1 oz tube
- Installation and operation manual

CAUTION For safety purposes, use safety goggles at all times.

WARNING Before wiring to power supply, turn off electricity at the fuse or circuit breaker box.

WARNING Check for piping/electrical before cutting or drilling.

WARNING Some electrical components are not waterproof.

WARNING If there is any risk of uninsulated electrical connections in your wall/ceiling area, use insulating gloves.

Installation Considerations

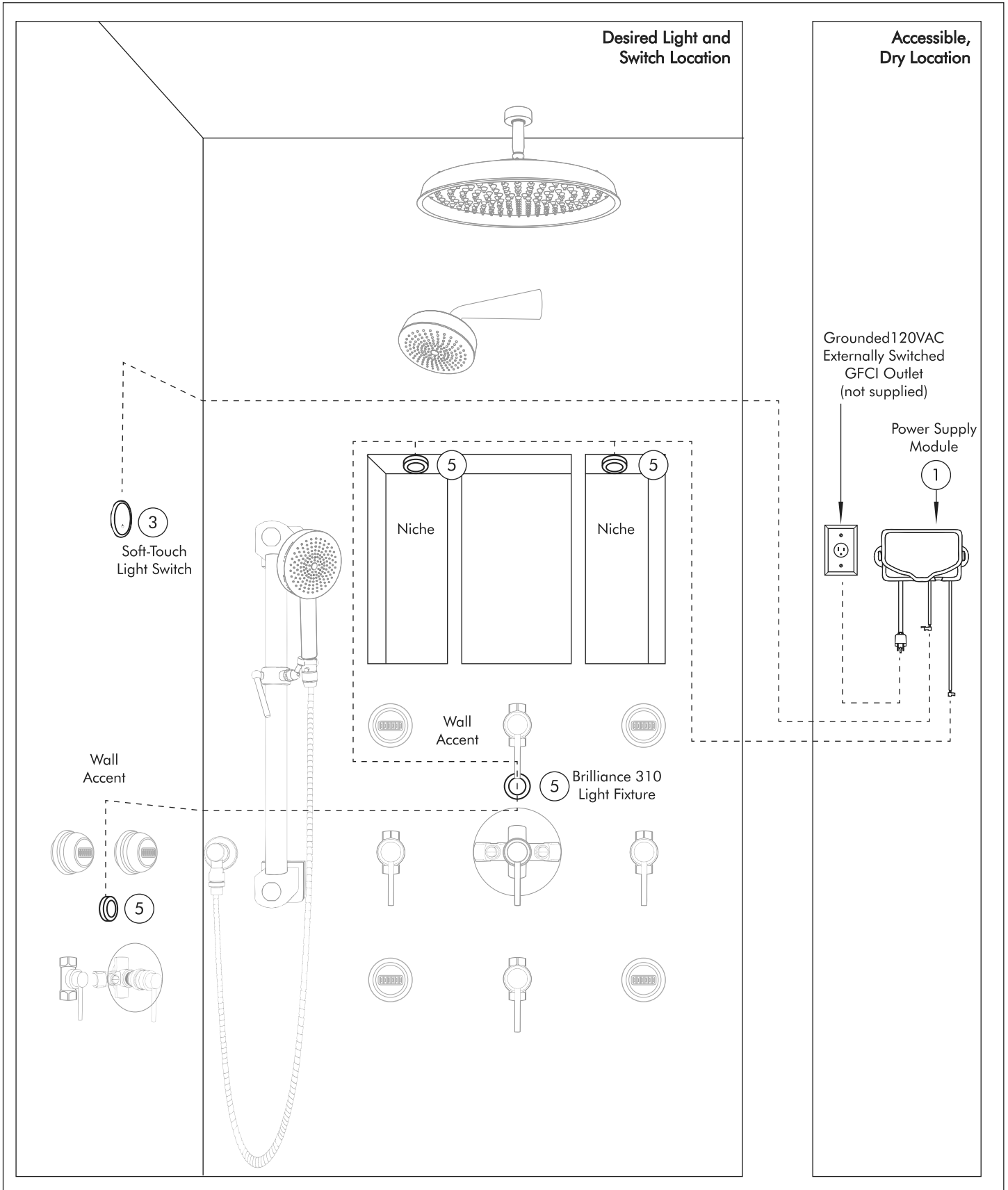
Please read this manual in its entirety prior to installation.

This system is built to automatically shut down after 20 minutes of use.

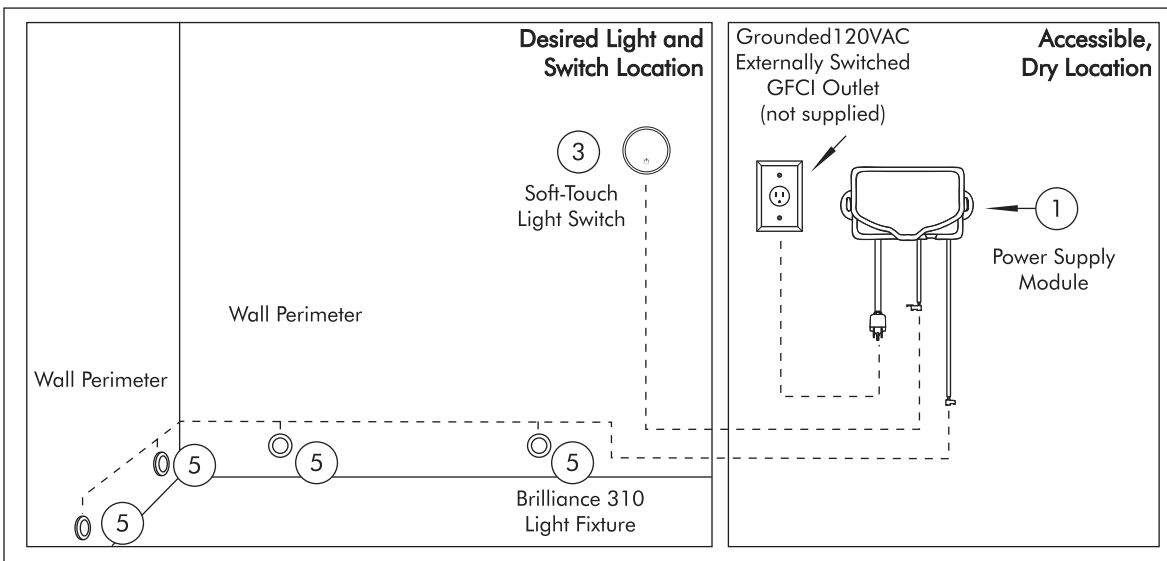
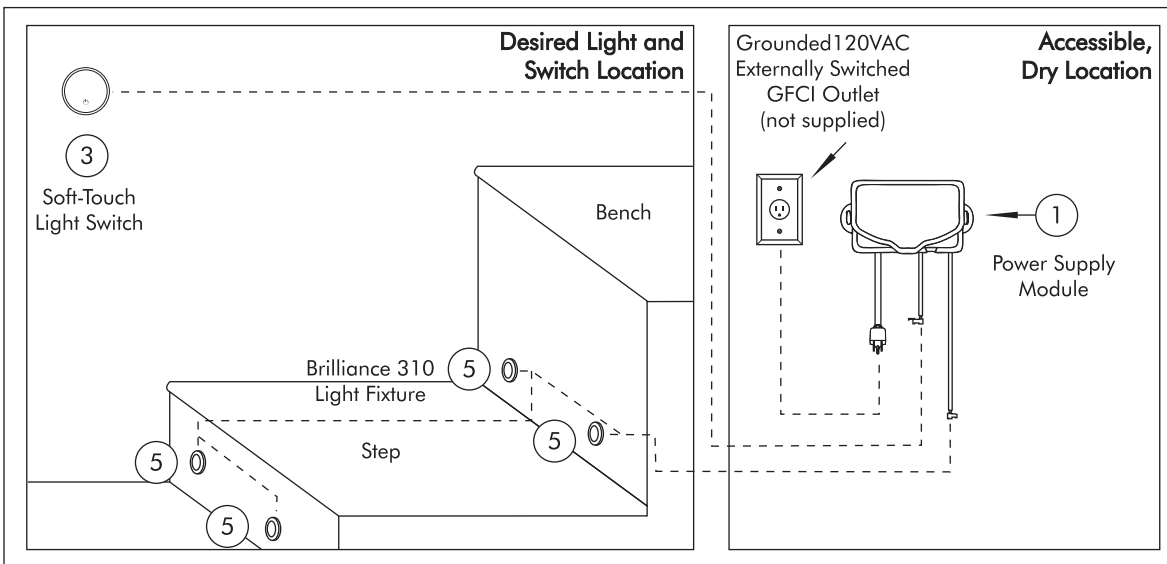
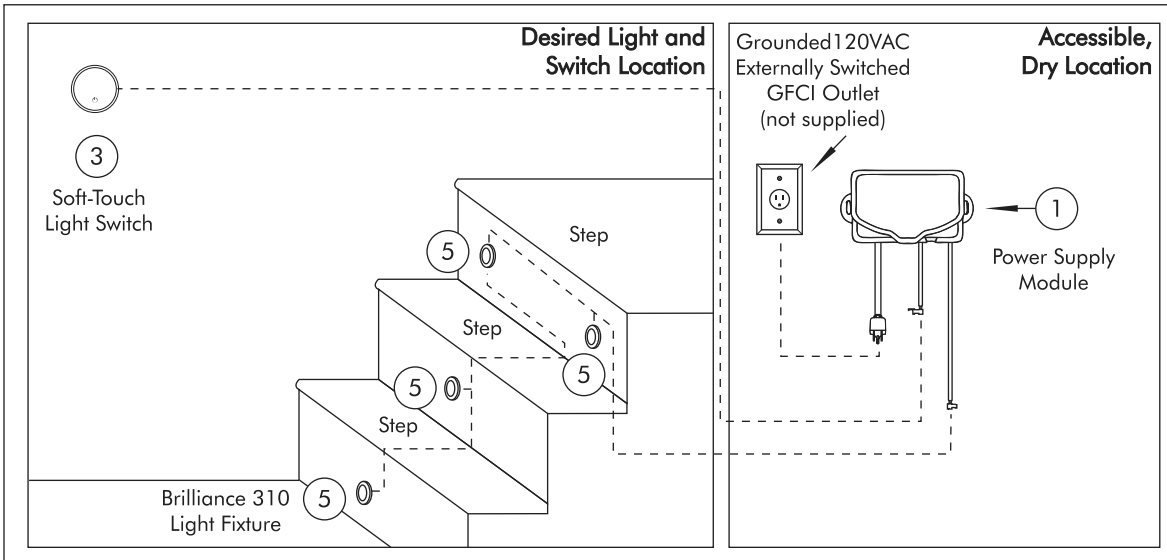
- **Note:** Prior to installation, consider the placement of the Soft-Touch light switch carefully, taking into account the location of electrical, plumbing, and other fixtures.
- **Note:** All wiring must be done in accordance with National Electrical Code and local building code.
- **Note:** The Soft-Touch light switch is designed to be installed inside or outside the bathing environment dependant on personal preference.
- **Note:** It is recommended that the Brilliance light fixtures have 2" of clearance from any insulation.
- **Warning:** If the Soft-Touch light switch is installed inside the bathing environment, it must be located approximately 48" above the floor, on a vertical wall, convenient for user operation. It must also avoid hazardous elements such as steam emissions.

Typical Installation

Important: It is recommended that all electrical equipment be tested prior to installation. This system is built to automatically shut down after 20 minutes of use.



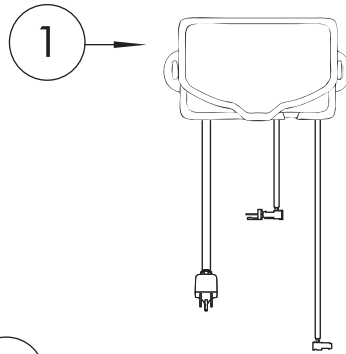
Typical Installations



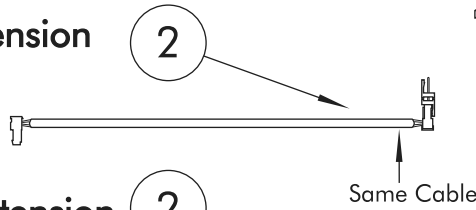
Specifications

Power Supply Module

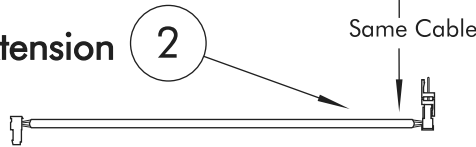
Power Supply: 120VAC, 15 AMPS
 (.155A @ 120VAC)
Power Supply Length: 6-1/8"
Power Supply Width: 4-1/4"
Power Supply Height: 2-1/8"
Power Supply Testing: CSA, Type 2



25' Light Extension Cable



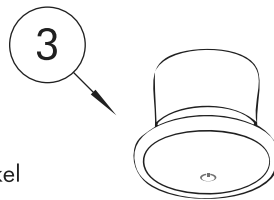
25' Switch Extension Cable



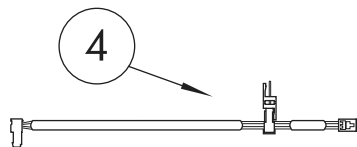
Soft-Touch Light Switch

Switch Time Circuit: 20-Minute Off Delay

Switch Type: Flush-Mounted
Switch Voltage: 5VDC
Switch Diameter: 2-1/32"
Switch Trim Depth: 3/16"
Switch Trim Finish: Chrome or Brushed Nickel
Switch Body Diameter: 1-17/32"
Switch Body Depth: 1-5/16"
Switch Rough-in Cut-out: 1-1/2" Diameter
Maximum Wall Thickness: 2-1/2"

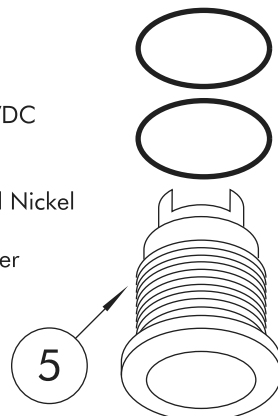


8' Light Cable

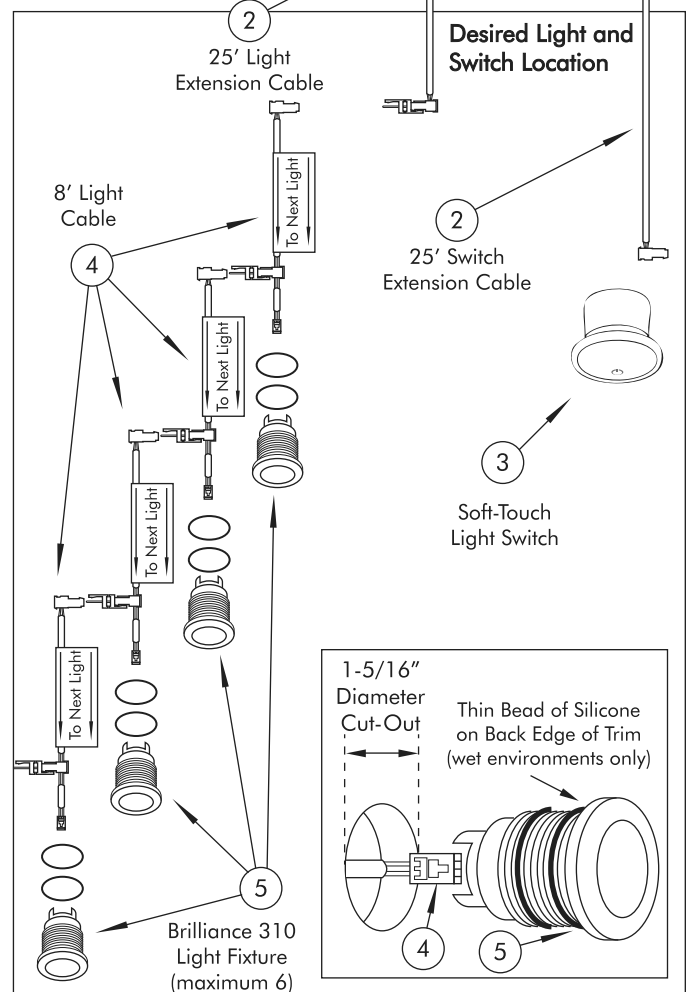
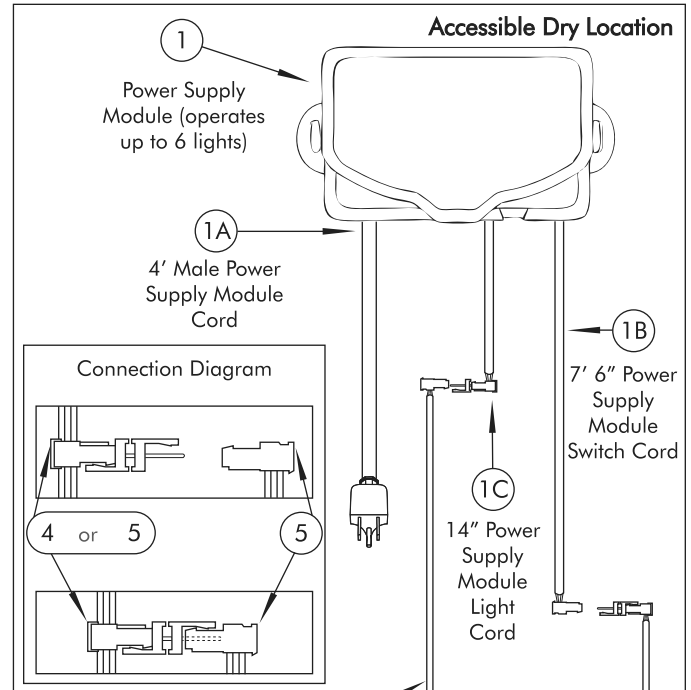


Brilliance 310 Light Fixture with 'O' Rings

Type: LED White
Operating Voltage: 12 VDC
Maximum Input Current: 75 mA @ 12 VDC
LED: 9 LED Lights
Beam Angle: Wide Angle
Trim Finish: Polished Chrome or Brushed Nickel
Housing Plastic: ABS Plastic
Lens: Clear or Frosted 1-11/64" Diameter
Lens Composition: Optical Grade ABS
Rough-in Cutout: 1-5/16"
Trim Dimension: 1-11/64" Diameter, 7/32" Profile
Body Dimension: 1-1/4" Diameter, 1-29/32" Deep
Certifications: CSA / US



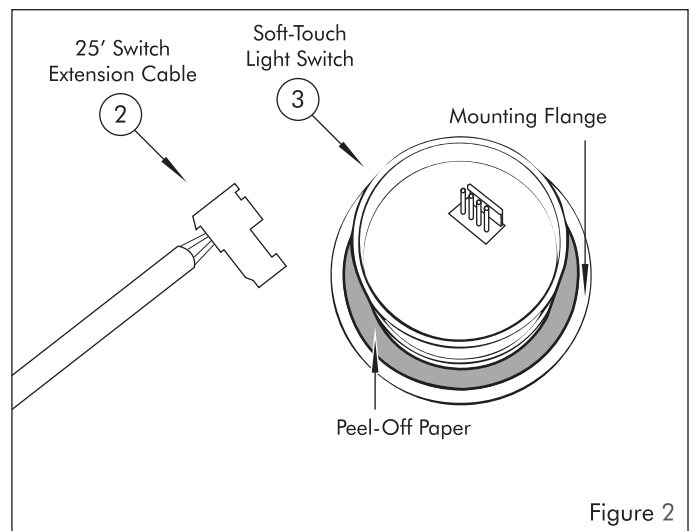
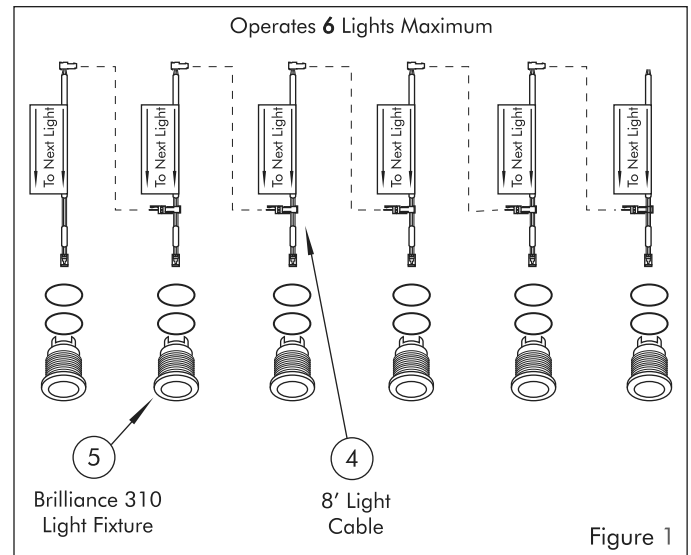
Installation



Important: It is recommended that all electrical equipment be tested prior to installation.
This system is built to automatically shut down after 20 minutes of use.

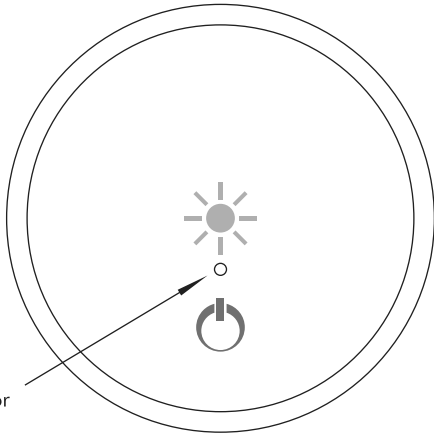
Installation

1. Mount the power supply module (1) in an accessible dry location, within the 25' run of the switch extension cable (2) length, and the 33' run of the 25' light extension cable (2) with 8' light cable (4) cable lengths.
2. Install electrical box within 3' of the power supply module (1).
3. Run a 120VAC externally switched GFCI outlet to electrical box (not supplied).
4. Connect 25' light extension cable (2) to 14" power supply module light cord (1C).
5. Connect 8' light cable (4) to 25' light extension cable (2).
6. Make a 1-5/16" diameter hole at the desired light location. **Note:** It is recommended that the Brilliance fixture have 2" of clearance from insulation
7. Place 'O' rings on Brilliance 310 Light Fixture (6). Leave some space between them.
8. Snap in 8' light cable (4) to Brilliance 310 light fixture (5).
9. For wet environments, apply a thin bead of silicone around the back edge of the Brilliance 310 light fixture (5).
10. Route 8' light cable (4) to previous 8' light cable (4) (see figure 1). The Spectrum 220 can operate up to 6 lights.
11. Mount Brilliance 310 light fixture (5) to wall.
12. Repeat steps 6 - 11 for up to 6 lights.
13. Make a 1-1/2" diameter hole at the desired Soft-Touch light switch (3) location.
14. Route remaining 25' switch extension cable (2) from the Soft-Touch switch (3) to the 7' 6" power supply module switch cord (1B).



15. With a clean and dry mounting surface, remove the peel-off paper from the back of the Soft-Touch light switch (3) (see figure 2). For wet environments, run a thin bead of silicone completely around the mounting flange. Press the Soft-Touch light switch (3) against the wall until the adhesive sticks.
16. Plug in the 4' male power supply module cord (1A) into the grounded 120VAC externally switched GFCI outlet (not supplied).
17. Allow silicone to cure for 24 hours before exposing Soft-Touch light (3) switch to any source of moisture.

Operation



White Indicator
Light

On / Off Button



1st Press - Turns lights on. White indicator light will light up while powered.

2nd Press - Turns lights off.

Product Care

For routine cleaning, simply use a soft damp cloth and common household soap. Use a damp cloth to wipe clean, then dry. Clean product frequently to avoid calcium deposits on surfaces. Use only mild soap. **Never use abrasive cleaners, bleach, disinfectants or cleaning products containing alcohol, ammonia, hydrochloric or phosphoric acids** as they may damage the product's finish. To clean electrical components, gently wipe down using a dry cloth or duster. **Never use a wet duster, water, or any other liquid to clean the device.**

Replacement Parts

Contact your Bathology representative for Spectrum 220 Ice White Lighting System replacement parts.

Description

Soft-Touch light switch, polished chrome
Soft-Touch light switch, brushed nickel
Power supply module
25' Light extension cable
25' Switch extension cable
8' Light cable

Part Number

Spectrum045
Spectrum044
Spectrum043
K0062
K0062
Spectrum056

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