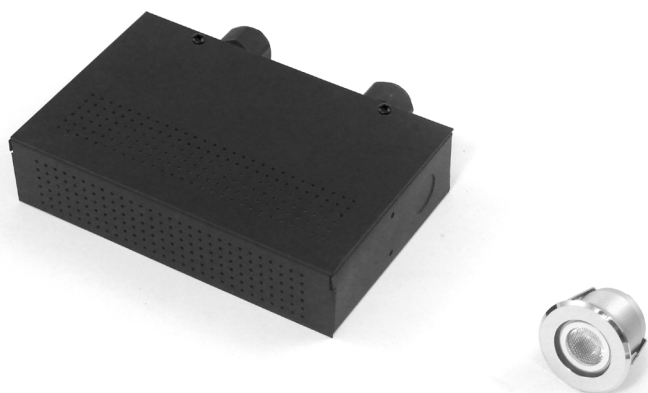


BATHOLOGY

rediscover bathing



Spectrum 440

Steam White Light System

Installation and Operation Manual

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Installation Considerations

Please read this manual in its entirety prior to installation

IMPORTANT: DO NOT HOT SWAP ANY ELECTRICAL COMPONENTS. This will void the warranty, and likely cause the product to fail.

CAUTION Carefully review all installation options and instructions before proceeding.

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

WARNING Do not hot swap any electrical components. This will void the warranty, and likely cause the product to fail. **Fully disconnect the system from its power source before swapping any electrical components.**

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.

WARNING The splitters should be kept in an accessible location when installed. Only use the splitters provided when assembling the Brilliance light fixtures and components of this kit.

WARNING The Spectrum 440 Steam White Light System can be controlled by the use of a light switch provided by others. NEVER place a switch where it can be reached from a tub or shower.

! IMPORTANT All wiring must be done in accordance with National Electric Code and local building code.

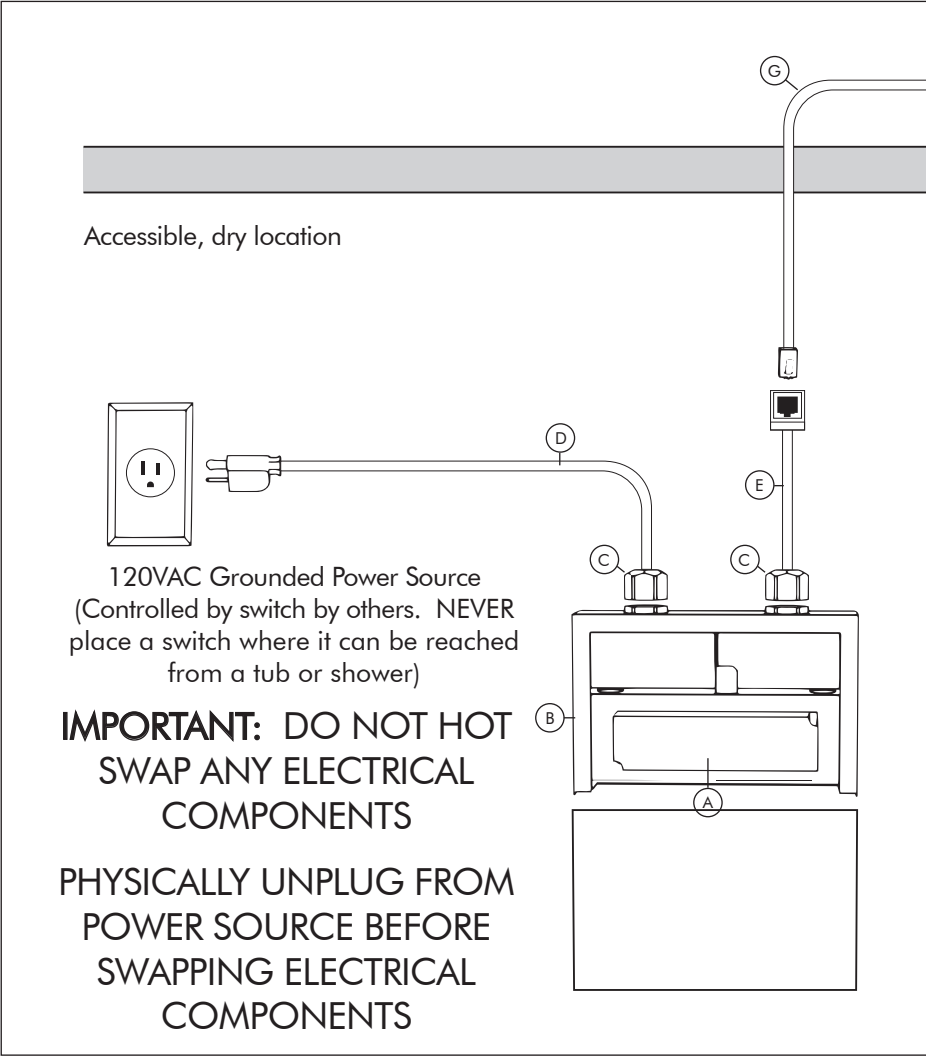
! IMPORTANT The Spectrum 440 Steam White Light System should be installed by a licensed, qualified electrician.

! IMPORTANT Consider light placement carefully. The fixture(s) for this system should be placed to avoid direct contact with the bather's eyes.

! IMPORTANT Splitters should be kept in a dry accessible location when installed. Only use the splitters provided when assembly brilliance light fixtures and components of this kit.

! IMPORTANT Both "OUT" ports of a splitter must be used. An open splitter connection will prevent the lights from turning on. Fully disconnect the power supply of this system from its power source before changing any lights.

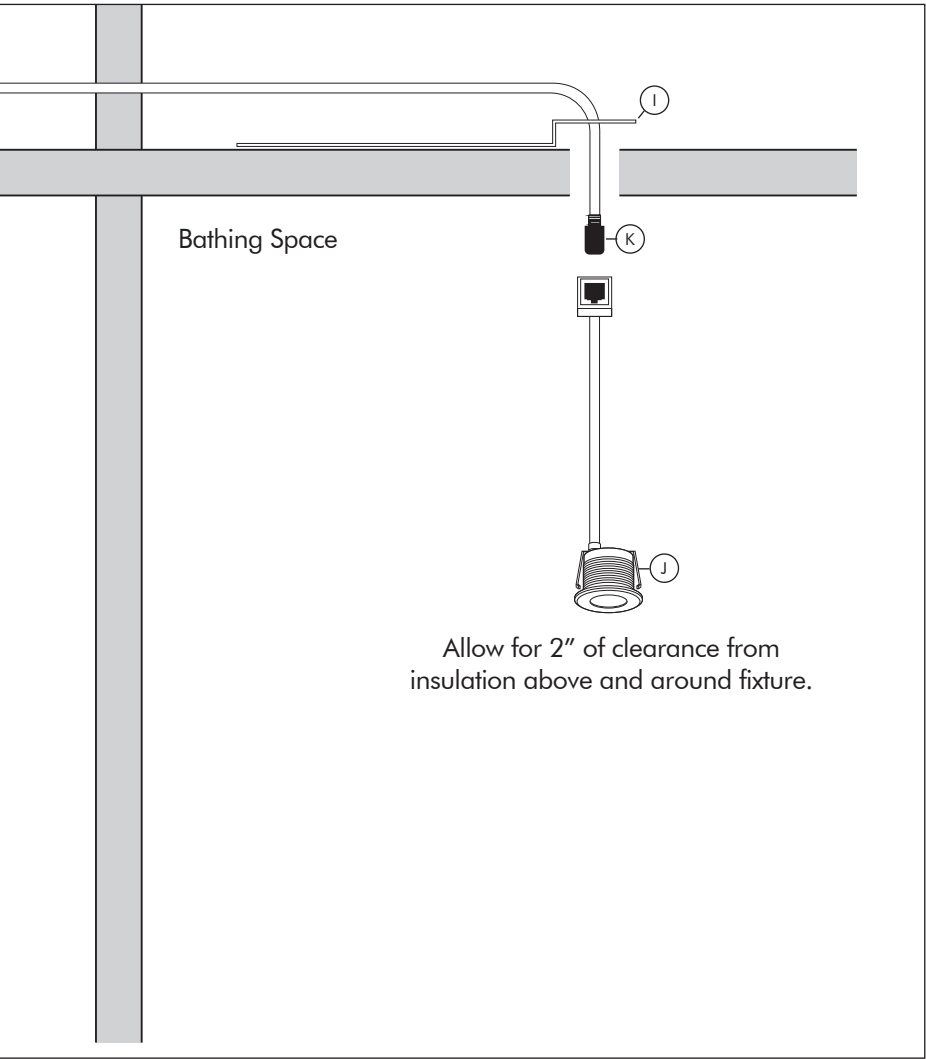
Installation



Package Includes

Item	Quantity	Description
A	1	Driver
	1	Screw
	1	Locknut
B	1	Enclosure
	1	Enclosure Top

Item	Quantity	Description
	2	Enclosure Top Screws
	4	Screws / Anchors
	4	Wire Nuts
	1	Ground Connector
	1	Strain Relief Bushings



Package Includes

Item	Quantity	Description
D	1	Male NEMA Cable
E	1	Light Cable
F	0*	Cat6 Cable, 1'
G	1*	Cat6 Cable, 25'

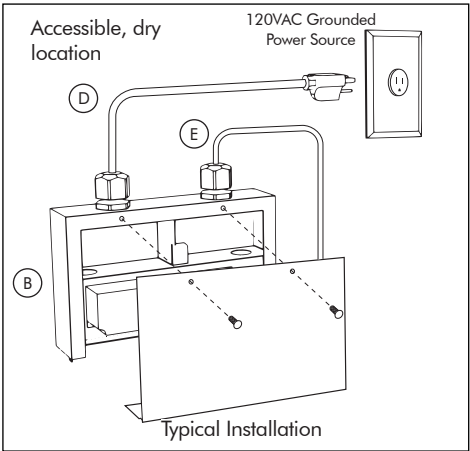
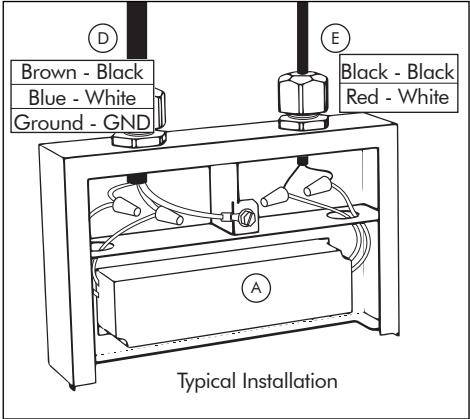
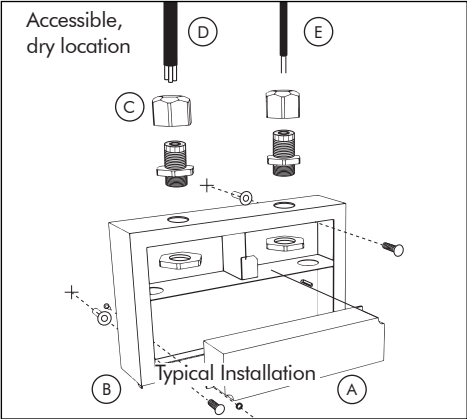
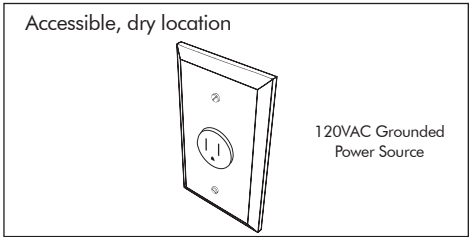
Item	Quantity	Description
H	0*	Splitter
I	1*	Mounting Template
J	1*	Brilliance Light Fixture
K	1*	Wire Fit Cap
	1	Silicone Sealant, 1 ounce

NOTE: Quantity with an * increases by one per each additional light purchased. Quantities shown assume no additional lights purchased with Spectrum 440 system.

Installation (Continued)

IMPORTANT: DO NOT HOT SWAP ANY ELECTRICAL COMPONENTS. This will void the warranty, and likely cause the product to fail.

- 1. Install a standard single gang electrical box in an accessible, dry location.
- 2. Run a grounded 120VAC from the power supply to the accessible, dry location's electrical box.
- 3. Secure enclosure (B) to wall in an accessible, dry location using provided screws / anchors.

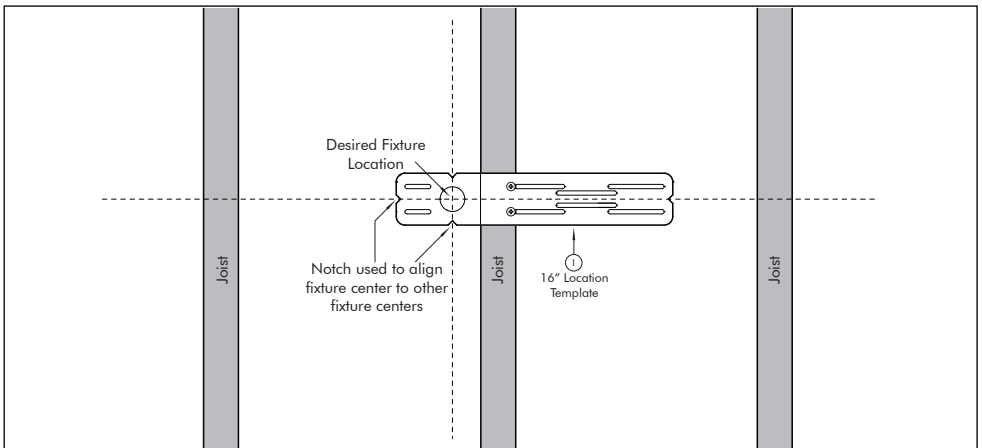
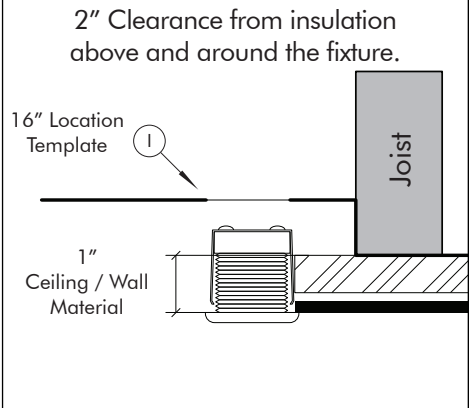


Installation (Continued)

4. Arrange lights per separate light sheet. Both "OUT" ports of a splitter (H) must be used if a splitter is used.
5. Determine desired brilliance light fixture (J) location. **Note:** Fixture should be placed to avoid direct contact with the bather's eyes. Allow for 2" clearance from insulation above and around the fixture.

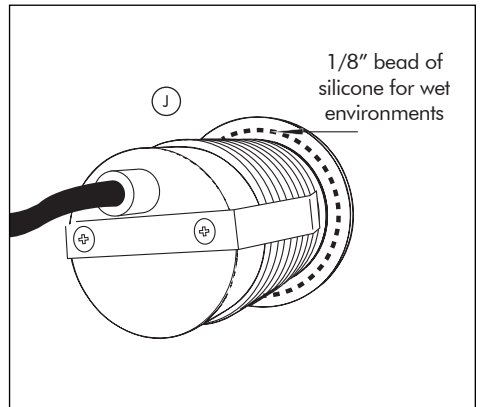
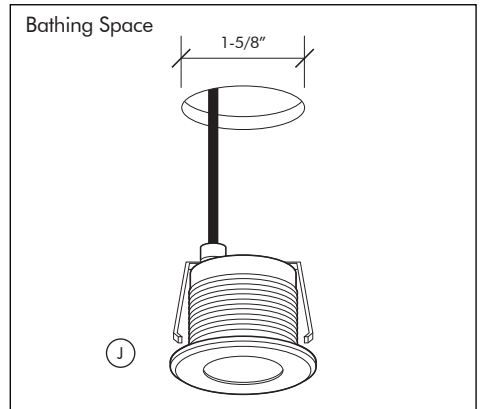
SEE SEPARATE LIGHT SHEET

6. Optional: Mount 16" location template (I) to ceiling / wall framework. Use notches to quickly align desired location to other fixtures in the room.



Installation (Continued)

7. Make a 1-5/8" hole in desired location.
8. For Wet environments, apply a 1/8" bead of silicone around the edge of the light as required to form a water tight seal.
9. Mount brilliance light fixture (J) to ceiling through 1-5/8" cut-out. Allow for 2" clearance from insulation above and around the fixture.
10. Repeat steps 6 - 9 for each light.
11. Allow silicone to cure for 24 hours before exposing product to any source of moisture.



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.**

Specifications

Driver

Operating Voltage: 120 VAC
Output Voltage: 700mA
Power Consumption: 35W
Nominal Amperage: 1.1 Amps
Dimensions: 5-7/8" W x 1-1/8" H x 1-5/8" D

Brilliance Fixture

Type: LED Cool White (5650-6300K)
Operating Voltage: 12VDC
Maximum Input Current: 700mA
LED: 1 x 3 Watt
Beam Angle: 35°
Trim Finish: Polished Stainless Steel
Housing Composition: Stainless Steel
Lens: Clear or Frosted, 1-7/32" Diameter
Lens Composition: Tempered Glass
Rough-in Cutout: 1-5/8" to 1-11/16"
Trim Dimension: 2-3/64" Diameter, 1/8" Profile
Body Dimensions: 1-15/32" Diameter x 1-7/8" Deep
Rating: IP68
Certifications: CE / RoHS / WEEE
Max Operating Temperature: 130°F when installed per instructions

Enclosure

Housing Composition: Steel, black powder coated finish
Dimensions: 7-3/4" W x 1-7/8" H x 4-7/8" D
Standards: NEMA 1
Listing: ETL, UL

Construction Template

Composition: Steel, Galvanized, Gauge 22
Dimensions: 15-1/8" L x 1/32" H x 3" D

Replacement Parts

Contact your Bathology representative for Spectrum 440 Steam White Light System replacement parts.
800-957-2862
www.Bathology.com

Description	Part Number
Driver	Spectrum078
Enclosure	Spectrum079
Strain Relief Bushings	Spectrum077
Male NEMA Cable	Spectrum038
Cat6 Cable, 1'	Spectrum030
Cat6 Cable, 25'	Spectrum031
Splitter	Spectrum071
Mounting Template	Spectrum-68-Temp
Clear LED White Light	Spectrum065
Frosted LED White Light	Spectrum066

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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