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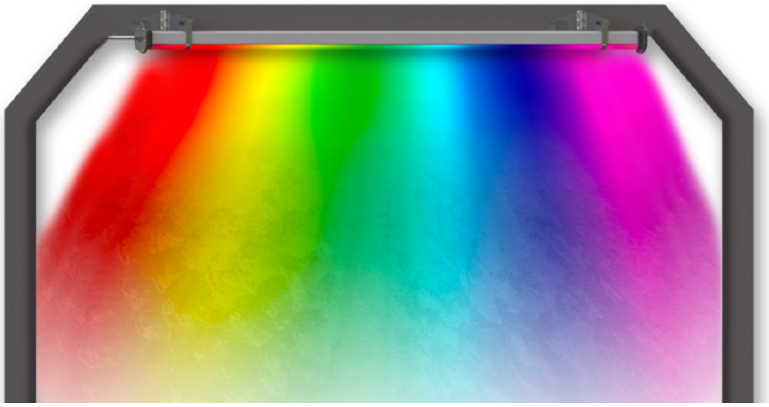

RAINBOW MAXX INSTALLATION MANUAL PAGE 1

WARNING

• Luminaires must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations. Please read through this document entirely before beginning the installation.

• Risk of electric shock- turn power off before inspection, installation or removal.

Electrical Requirements

• Suitable for wet locations.
• Follow all National Electric Codes (NEC) and local codes.

Notes

• If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or his service agent.

Customer Service

• For technical assistance please call 800-285-6780 x2 or email support@ggled.net

Supplied Materials

1 Rainbow Maxx Series Luminaire(s)
2 50' Leader Cable(s)
3 240W 24VDC LED Power Supply
4 Arch Mount Brackets & Hardware

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RAINBOW MAXX INSTALLATION MANUAL PAGE 2

Mounting

- Mount the Maxx series luminaire using the supplied arch mounting brackets & hardware.
- The brackets are universal (no left or right) and are designed to sit on top of the arch with the U-bolts around the bottom (see images below).
- There are 3 position holes for mounting and aiming the luminaire in the most desireable location/angle for your setup.
- IMPORTANT: Maxx series luminaires use directional optics techology. The luminaire must be mounted with the correct side facing the foam for the desired outcome. There is a large label on the foam side indicating "THIS SIDE FACING FOAM".

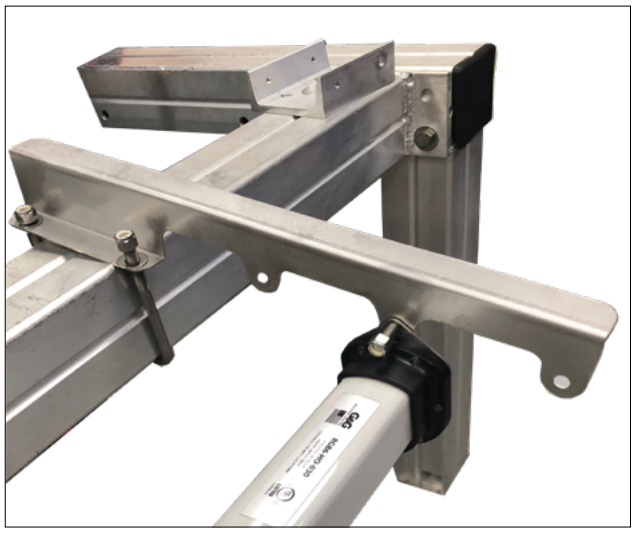
Arch Mounting Bracket & Hardware Kits Include the Following:

1. (2) U-Bolts - 3/8" - 16 SS
2. (4) Nylon Lock Nuts - 3/8" - 16 SS
3. (4) Flat Washers - 3/8" SS

For Mounting Bracket to Arch

1. (2) Bolts - 5/16 - 18 x 1" SS
2. (2) Nylon Lock Nuts - 5/16" - 18 SS
3. (4) Flat Washers - 5/16" SS

For Mounting Luminaire to Bracket



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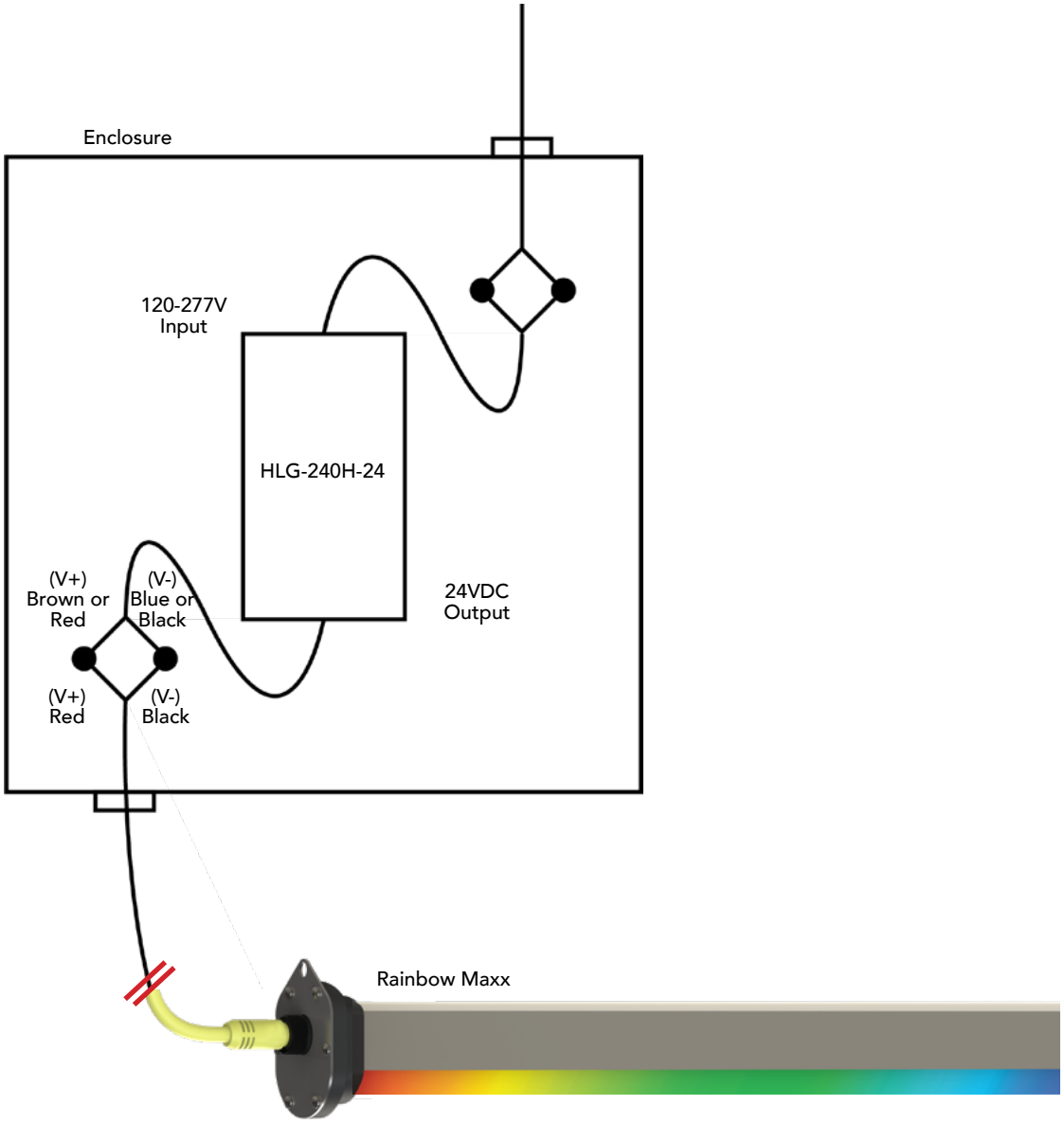
RAINBOW MAXX INSTALLATION MANUAL PAGE 3

Electrical Connection Diagrams

- DO NOT plug LED fixture directly into AC voltage.
- Fixtures require and are supplied with a 24VDC LED power supply.
- LED power supply must be placed in a UL approved enclosure.



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RAINBOW MAXX INSTALLATION MANUAL PAGE 4

Controlling The Fixture

Controlling the Rainbow Maxx is simple. There is a single control button on the end of the luminaire opposite the power input underneath a waterproof cap. The button has three functions and allows the user to change the mode, cycle through various effects and adjust the speed of the effect. There are two modes: **animated** or **static color**. Static color mode includes the ability to flash the color.

• **Single Short Press** - A single short press of the control button will cycle through the shows available in the current mode (animated or static color).

• **Single Long Press (2-3 Seconds)** - Pressing and holding the control button for 2-3 seconds will change the mode of the fixture from Animated to Static Color or Static Color to Animated. Hold the button down until the fixture briefly flashes off to confirm that the mode has changed.

• **Double Short Press** - A double short press (2 clicks) of the control button allows you to change the speed of the animation or flash a single color. The speed of the animations are set from the factory at the ideal speed for a given effect. There are 4 animation speeds and 3 flashing speeds available.

• **Power Off Behavior** - The luminaire stores the last programmed show into memory so that if it is powered down, it will start back up to the last show that was active. From the factory, the luminaire is set to default to the rainbow show when it is first powered on.

Animated Show Effects

#1: **Rainbow** - Continuous scrolling 7-color change
#2: **Solid Color Change** - Rotating solid 9-color change
#3: **Blue & Red Scrolling**- Blue background with Red scrolling back and forth
#4: **Blue & Green Scrolling**- Blue background with Green scrolling back and forth
#5: **Orange & Blue Scrolling**- Orange background with Blue scrolling back and forth
#6: **Lime & Pink Scrolling**- Lime background with Pink scrolling back and forth
#7: **Green & Red Twitch**- Green and Red altering sections
#8: **Pink & Lime Twitch**- Pink and Lime altering sections
#9: **Blue & Red Twitch**- Blue & Red altering sections

Solid Colors (Includes Flashing Effect)

#1:Rainbow
#2: Blue
#3: Red
#4: Green
#5: Purple (Violet)
#6: Lime
#7: Orange
#8: Cyan
#9: Yellow
#10: Pink