




ETG-HLS150-RGBW-120 INSTALLATION & QUICK START GUIDE



1. INTRODUCTION

Optimizing unique color outputs to benefit an array of inspectable materials, the ETG-HLS150-RGBW houses red, green, blue and white LEDs in one efficient, practical unit. A high-power color-mixing floodlight, this fixture is designed for use in paint inspection. The tightly-coupled LEDs are mixed behind an optical lens cover to provide even coverage, variable amounts of light, and illuminating precision. Great for materials such as stainless steel, different types of wood, various paints, and stonework, the ETG-HLS150-RGBW's unique color patterns help you detect most product flaws or imperfections.

Precautions

	WARNING Risk of electrical shock. Disconnect power before servicing or installing product. <i>Risque de choc électrique. Coupez l'alimentation avant l'entretien ou l'installation du produit.</i>
	WARNING Risk of injury or damage. Unit will fall if not installed properly. Follow installation instructions. <i>Risque de blessures ou de dommages. Unité va tomber s'il n'est pas installé correctement. Suivez les instructions d'installation.</i>
	CAUTION Risk of injury. Wear safety glasses and gloves during installation and servicing. <i>Risque de blessure. Porter des lunettes de sécurité et des gants lors de l'installation et de l'entretien.</i>

This luminaire is designed to be used in ambient temperatures of -40C to +50C (-40F to +122F) and to be mounted in various positions. This fixture should be installed indoors. It should not be mounted in wet locations in which water can drip, splash, or flow into the fixture.

2. GETTING STARTED

2.1 Shipping Weight

ETG-HLS150-RGBW-120 - 14.625 lbs

2.2 Unboxing

Our packaging is designed to protect the luminaire during shipping. Please inspect to confirm it was not damaged in during the process.

2.3 Handling

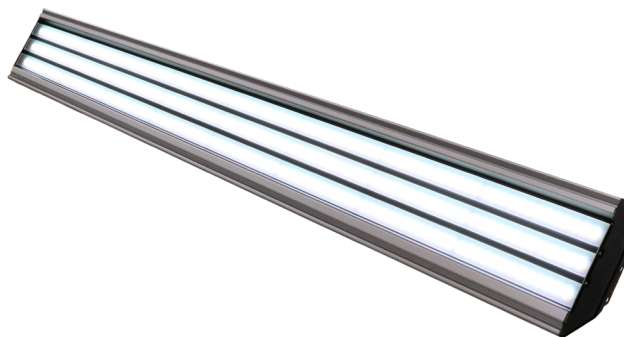
Once unpacked, the luminaire can become damaged if mishandled. Do not stack luminaires after unpacking.

2.4 Package Contents

- Light fixture
- Installation Instructions

2.5 Recommended Accessory (Mounting) - Mounting Clips

- ETG-BKT-B40: Mounting clips
- ETG-YSM-05: Y Mounting cables



3. INSTALLATION

The ETG-HLS150-RGBW-120 can be mounted using mounting clips or Y mounting cables.

Mounting Clips

- 1) Mounting Clips are available and secure directly onto the fixture to provide additional means of mounting
- 2) Two clips must be used and spaced accordingly to properly secure the fixture
- 3) To install the first clip, slide one side of the clip onto the mating top side of the fixture, then snap the other side of the clip over the top of the fixture and snap into place on the opposite side of the fixture.
- 4) Repeat step #3 for the second clip
- 5) The fixture is now ready to be secured into place using the holes on the top side of the mounting clips with customer supply supports
- 6) After mounting to vertical support, slide light to desired height and use supplied screws on clips to secure the light from sliding down.
- 7) Tighten screws with a torque of 8 in-lbs.



Y Mounting Cable

- 1) Install cable to the desired fixture height using proper hardware, based on the application (follow local code if necessary).
- 2) Loop cable around mounting point or hardware and slide through locking mechanism.

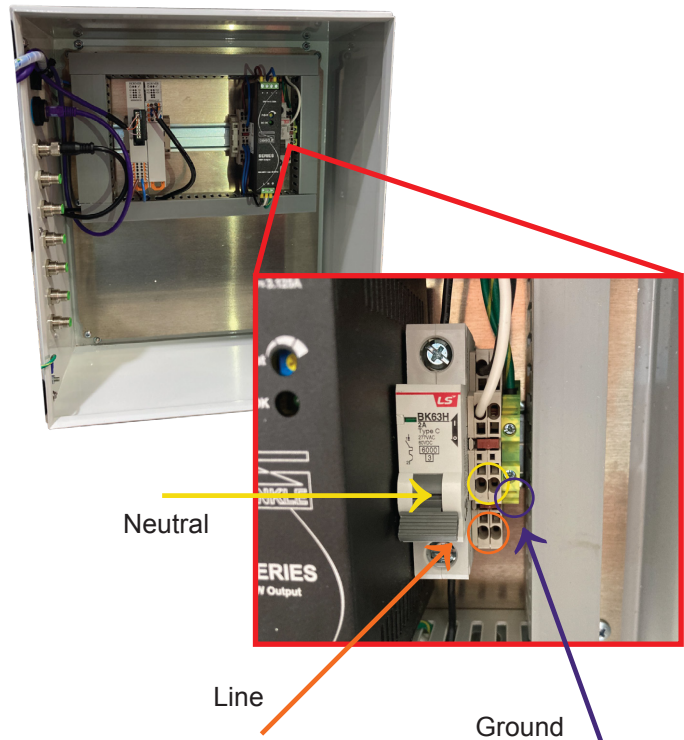
- 3) Locate mounting holes in bracket (shown in Figure 1)
- 4) Loop hooks from mounted cable through set of holes on each end of the fixture - 4 hooks total.
- 5) Adjust the cable length at the Locking Mechanism to level the fixture horizontally.



Figure 1

4. SET UP ETG-HLS150-RGBW-120 LIGHT

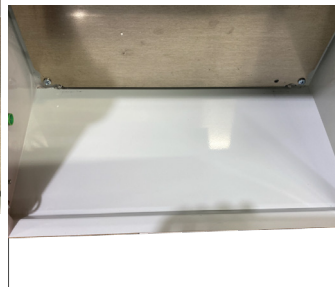
- 1) Plug RGBW light cord into a normal 120 VAC outlet
- 2) Wire the RGBW controller into a normal 120 VAC outlet (customer provides AC power)



2a) Options for drilling hole in panel for power cord.



left side panel



bottom panel



right side panel



top panel

3) Connect cable from controller to RGBW light input



The standard power supply will have the following connections:

Wire Color	Function
Green	Ground
Black	A/C Live
White	A/C Neutral
Purple	DIM +
Pink	DIM -

ETG-HLS150-RGBW-120 LIGHTING QUICK START GUIDE

1. Main View



The main view allows seeing the status of the lights and selecting administrator setup setpoints. Pressing the Recall button will recall administrator defined setpoints. The Light status for RGBW units will change to reflect the light output.

- Administrators can press the <Setup> button to adjust system settings.

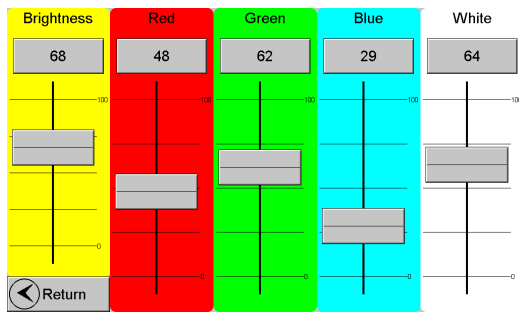
2. Setup



The Main Setup screen allows setting up to 5 RGBW setpoints that can be named and recalled later. The default password to enter this setup is “0”.

- The recall button will adjust the list to the previous setting.
- Press the Set RGBW level to adjust the brightness and color setting of the RGBW lights.
- Each setpoint name can be changed by pressing the name and entering a new name. Pressing Save will save the name as well as the brightness and color settings for the RGBW lights.
- The small check box next to the name indicates that the setpoint has been assigned.
- Press the password button to set a new administrator password.
- Press the RGBW Calibration button to calibrate the RGBW lighting levels.

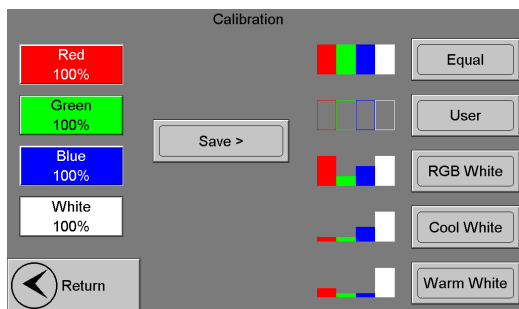
3. Adjust Color/Brightness



This screen allows adjusting the RGBW light brightness and color. The lights will immediately adjust to reflect the change in settings.

- Move the sliders or press the value to change each setting.
- Press the Return button to return to the main setup screen.

4. Calibration



This screen allows changing the RGBW lighting calibration.

- Normally the RGBW lights will not create even amounts of light. Typically the red and blue levels are too high.
 - **Equal** – this calibration sets the light output based on raw lighting power.
 - **User** – Allows the user to set a calibration.
 - **White** – This calibration sets the light output to a 5000K CCT color balance. There are 3 options - RGB White (typically used), Cool White and Warm White

7. TECHNICAL SUPPORT

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