240-3115 STACK LIGHT
INSTALLATION INSTRUCTIONS
Read the following warnings before using this equipment.

**WARNING**
- **READ THE MANUAL**
  Before operating finishing equipment, read and understand all safety, operation and maintenance information provided in the operation manual.
- **OPERATOR TRAINING**
  All personnel must be trained before operating finishing equipment.
- **EQUIPMENT MISUSE HAZARD**
  Equipment misuse can cause the equipment to rupture, malfunction, or start unexpectedly and result in serious injury.
- **LOCK OUT / TAG-OUT**
  Failure to de-energize, disconnect, lock out and tag-out all power sources before performing equipment maintenance could cause serious injury or death.
- **AUTOMATIC EQUIPMENT**
  Automatic equipment may start suddenly without warning.
- **PRESSURE RELIEF PROCEDURE**
  Always follow the pressure relief procedure in the equipment instruction manual.
- **KEEP EQUIPMENT GUARDS IN PLACE**
  Do not operate the equipment if the safety devices have been removed.
- **KNOW WHERE AND HOW TO SHUT OFF THE EQUIPMENT IN CASE OF AN EMERGENCY**
- **WEAR SAFETY GLASSES**
  Failure to wear safety glasses with side shields could result in serious eye injury or blindness.
- **INSPECT THE EQUIPMENT DAILY**
  Inspect the equipment for worn or broken parts on a daily basis. Do not operate the equipment if you are uncertain about its condition.
- **NEVER MODIFY THE EQUIPMENT**
  Do not modify the equipment unless the manufacturer provides written approval.
- **NOISE HAZARD**
  You may be injured by loud noise. Hearing protection may be required when using this equipment.

**CAUTION**
- **PROJECTILE HAZARD**
  You may be injured by venting liquids or gases that are released under pressure, or flying debris.
- **STATIC CHARGE**
  Fluid may develop a static charge that must be dissipated through proper grounding of the equipment, objects to be sprayed and all other electrically conductive objects in the dispensing area. Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.
- **ELECTRIC SHOCK / GROUNDING**
  Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.
- **PINCH POINT HAZARD**
  Moving parts can crush and cut. Pinch points are basically any areas where there are moving parts.
- **HIGH PRESSURE CONSIDERATION**
  High pressure can cause serious injury. Relieve all pressure before servicing. Spray from the spray gun, hose leaks, or ruptured components can inject fluid into your body and cause extremely serious injury.
- **WEAR RESPIRATOR**
  Toxic fumes can cause serious injury or death if inhaled. Wear a respirator as recommended by the fluid and solvent manufacturer’s Material Safety Data Sheet.
- **TOXIC FLUID & FUMES**
  Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, injected or swallowed. LEARN and KNOW the specific hazards or the fluids you are using.
- **PLURAL COMPONENT MATERIALS HAZARD**
  Because of the vast number of chemicals that could be used and their varying chemical reactions, the buyer and user of this equipment must determine all facts relating to the materials used, including any of the potential hazards involved.
- **EXPLOSION HAZARD**
  Halogenated hydrocarbon solvents can cause an explosion when in contact with aluminum components of a pressurized or closed fluid system.
- **FIRE AND EXPLOSION HAZARD**
  Improper equipment grounding, poor ventilation, open flame or sparks can cause a hazardous condition and result in fire or explosion and serious injury.
- **PROP 65 WARNING**
  WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

IT IS THE RESPONSIBILITY OF THE EMPLOYER TO PROVIDE THIS INFORMATION TO THE OPERATOR OF THE EQUIPMENT. FOR FURTHER SAFETY INFORMATION REGARDING THIS EQUIPMENT, SEE THE GENERAL EQUIPMENT SAFETY BOOKLET (77-5300).

Binks reserves the right to modify equipment specification without prior notice.
The stack light is used for 360 degree indication of the state of the GEMS system. A steady green light indicates “spraying” or “not spraying”, and a blinking amber light indicates an alarm condition. This visibility is useful in facilities where noisy environments exist.

**Installation**

**⚠️ CAUTION**

Before installing the stack light be sure to shut down and disconnect electric power from the system. *Never* attempt to touch any electrical components when power is supplied. Follow lockout/ tagout procedures.

Open the enclosure door. Remove the plug on top of the enclosure (next to the warning buzzer), exposing the mounting hole for the stack light.

Remove the hex nut and lock washer from the base of the light assembly. Feed the wires through the enclosure mounting hole, lock washer, and nut. Mount the light assembly to the enclosure using the lock washer and nut.
Connect the blue/white wire number 264 to location C23 as shown. Tighten the terminal screw to securely anchor the wire. See the GEMS wiring diagram for additional detail.

Connect blue wire number 351 into the buzzer terminal labeled X1 (and already containing wire number 341).

Find blue wire number 346 at location B05 (visible on the double height terminal blocks just below the control board). Loosen the terminal screw to remove the wire.

Install the new blue wire number 346 (part of the stack light assembly) into the board where the previous wire 346 was removed. Install connected wires 346/356 into the double height terminal block location B05 where single wire 346 was removed from.
Remove the vertical wire tray cover to expose the wiring inside. Route the stack light wires through this tray then replace the cover.

Close the enclosure door. Connect electrical power and power on the GEMS system.

- The green light is on whenever the AE valve is open. This indicates the system is spraying or ready to spray.
- The yellow flashing light will be on whenever there is an alarm. Silencing the alarm will also turn off the yellow light but will not reset the alarm. The HMI main screen will continue to flash yellow until the alarm has been reset.
**WARRANTY POLICY**

Binks products are covered by Finishing Brands one year materials and workmanship limited warranty. The use of any parts or accessories, from a source other than Finishing Brands, will void all warranties. For specific warranty information please contact the closest Finishing Brands location listed below.

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