

**Koehler-Bright Star**  
**Cordless Wheat XL Model LI-8000-XL**  
**PERMISSIBLE CAP LAMP ASSEMBLY**

**WARNINGS:**

- The batteries are not to be replaced by the user.
- The cap lamp is to be charged on the surface or underground in fresh air only in accordance with the applicable regulations pertaining to battery-charging stations (reference 30 CFR 75.340) with a Koehler Cordless Wheat XL Charger (Item 10K-2273) supply a maximum charger voltage of 5V and a maximum charge current of 2A



APPROVAL NO. 19-A230001-0

TESTED FOR INTRINSIC SAFETY IN METHANE-AIR MIXTURES ONLY  
COMMONWEALTH OF PENNSYLVANIA APPROVAL NO. BFE 11-23



- Read all warnings and instructions thoroughly before first use.
- Charge before first use. Per regulation, unit ships with < 30 % battery power

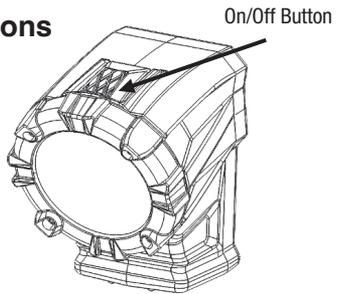
## Operating Instructions

### LED Functions

#### Modes

High Mode – 185 Lumens, 16 Hours  
Low Mode – 95 Lumens, 24 Hours  
Survival Mode – 15 Lumens, 120 Hours  
Operating Temperature Range: -4°F to 120°F

- Press On/Off Button once to turn unit on, in high mode.
- Press On/Off Button a 2nd time within 3 seconds of first button press to switch to low mode.
- Hold On/Off Button for 5 seconds to activate “survival mode”. This mode will set LED to lowest possible output setting to maximize runtime in event of emergency.
- With “survival mode active” the next button press will turn off the light. The following press will resume normal operation.

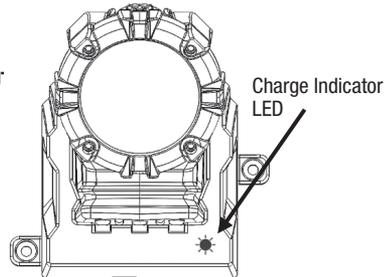


### Charging

**SINGLE STATION CHARGER USER WARNING: USE ONLY 5V USB-C INPU**

#### Charge Status Indication

Flashing Red – Charging, < 30% full  
Flashing Green – Charging 30% < 90% Full  
Solid Green – Fully Charged  
Solid Red – FAULT/ERROR  
Charging Temperature Range: 32°F to 104°F



### Care and Maintenance

- Keep charge contacts clean and free of dirt & debris. If charge contacts are wet, dry before attaching to a charger.
- The unit can be cleaned with mild soap and a damp towel. Avoid harsh detergents, abrasives, solvents and high pressure / high temperature sprays that could damage the plastic.
- Battery replacement – The Li cell in this unit is not field-installable. If the battery needs to be replaced, the unit should be returned to an authorized Koehler facility for repair.
- Do not use with cracked/damaged lens, as watertight seal may be affected. Contact local representative for replacement kit options.

### Warranty

Koehler and Bright Star warrants its products to be free of manufacturing defects for a lifetime of use except for batteries, bulbs, abuse, misuse, accidents, improper installation and normal wear\*. In our discretion, we will repair, replace or refund the purchase price of this product should we determine it to be defective. This limited lifetime warranty also excludes rechargeable batteries, chargers, switches and electronics which have a 2-year warranty with proof of purchase. See Website for complete warranty.