



Cordless 'Wheat' Gen II Cap Lamp

The next-generation "WHEAT" Gen II cordless cap lamp sets a new standard for enhancing vision underground. It improves miners' safety and visual acuity in low-light conditions. Plus, its best-in-class performance contributes to low cost of ownership.

The Koehler Gen II cap lamp offers key performance benefits that exceed current cordless cap lamps. The Gen II cap lamp:

- Illuminates 200% more work area than any other cap lamp
- Maximizes central and peripheral vision
- Improves ability to identify hazards and recognize objects while reducing fatigue
- Provides the assurance of global safety approvals: MSHA, ATEX and IECex
- Offers three to five years of operation, a class-leading service life which significantly reduces the cost of ownership

Durable, impact- and vibration-resistant, the Gen II cap lamp is manufactured in the US, as are all Koehler Lighting products. It has all necessary safety approvals, including Mine Safety and Health Administration (MSHA; Approval #19-A11001-0), ATEX and IECex.

The Gen II cap lamp is equipped with a host of product features that further increase miner safety, confidence and ease of use. These include:

- Multiple recharging options, for charging both single cap lamps and as many as 50 of them simultaneously
- High and low settings accessible at the push of a button
- Regulated light output
- An easy-to-view charge status indicator and automatic low-power indication
- A swivel adapter accessory

Koehler's innovative lighting solutions are the best-in-class in sight, reliability and long product life cycles, which are directly linked to safety and lowest cost of ownership.



Safety in Sight!

Product Features

- Multiple options for recharging. Unit can be used with all Koehler chargers, including:
 - Legacy Koehler rack (10, 30 & 40 station) and single-unit chargers
 - Dedicated 50-unit and single-unit cordless chargers
- Regulated, consistent light output; unit maintains optimum brightness for entire run time.
- Multiple lighting modes, at the press of a button
 - 1st press – Low setting, 25% brightness
 - 2nd press – High setting, 100% brightness
 - 3rd press – Off
- Easy-to-view LED charge status indication
 - Red – Charging
 - Green – Fully Charged
- Automatic low power detection and Indication
 - Switches to 25% brightness setting upon low cell charge
 - Blinks once each minute to remind the user of low charge



Specifications

Total Light Output		65 Lumens
Peak Beam Intensity		6000 Candelas
Beam Distance		140 Meters
Run Time		15 Hours*
Impact Resistance		1 Meter
Ingress Protection		IP68
Power Source		Single Lithium Ion 18650 (2600 mAh Capacity)
Light Source		LED
Charge Time		< 6 Hours
Weight		5.0 oz.
Size		3.4" x 2.4" x 2.7"
Operating Temperature		-20 °C to + 60 °C
Lux		6000 Typ.

* Runtime shown is for 'High' mode. 'Low' mode runtime is > 60 hrs



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Koehler Lighting Products, a Marmon Group/Berkshire Hathaway Company, is as committed to mine safety as it was when Ernest Koehler founded the company in 1912. This continuing commitment is why Koehler has remained strong for 100 years, and why it remains the leader in underground lighting solutions. For more information, visit www.koehlerlighting.com

MSHA Part 18 certified • MSHA Part 19 certified • ATEX Ex I M2 ExI certified • IP-68 certified • IECEx IM2 Ex



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