



SEE IT ALL.



GLOBAL LEADER

Innovative safety products that erase darkness.

Koehler BrightStar was founded in 1909 as a battery manufacturer. In the 1930's the company developed and produced the first plastic safety-certified flashlight for use in hazardous locations. For over a century we have developed lighting products that can operate in extreme and hazardous environments.

We continue to focus on markets that require durable, safety-approved lighting products and to pioneer high performance lights that show the future of portable lighting.

Koehler BrightStar products are offered through our global distributor network found on Flashlight.com. Koehler BrightStar is located in Hanover Township, Pennsylvania, USA and is a member of Marmon Holdings Inc, a Berkshire Hathaway Company. Marmon Holdings Inc comprises more than 100 autonomous businesses serving diverse industries worldwide.



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Manufacturer of the SAFEST FLASHLIGHTS IN THE WORLD

UNDERSTANDING INTRINSIC SAFETY RATINGS

Intrinsic safety is a protection technique for the safe operation of electrical equipment by limiting electrical and thermal energy available for ignition in hazardous areas.

UNDERSTANDING CLASSES:

The National Electric Code (NEC) defines hazardous locations by “Class” & “Division.” There are 3 classes:

CLASS 1 locations are made hazardous by the presence of flammable gases, liquids, or vapors.	CLASS 2 locations are made hazardous because combustible dusts are present.	CLASS 3 locations contain easily ignitable fibers or flyings.
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UNDERSTANDING GROUPS:

Hazardous classes are further defined by “groups” based on the physical properties of their combustible materials. There groups include:

Group A Acetylene	Group E Metals including aluminum, and magnesium (Div. 1 only)
Group B Hydrogen	Group F Carbonaceous dusts including coal, carbon black, and coke
Group C Ethylene, and carbon monoxide	Group G Dusts not included in E and F including wood, plastics, flour, starch, and grain dusts
Group D Propane, gasoline, naphtha, benzene, butane, ethyl alcohol, acetone, and methane	

UNDERSTANDING DIVISIONS:

The “division” designation refers to the likelihood that ignitable concentrations of flammable materials are present. There are two divisions:

DIVISION 1 designates an environment where ignitable concentrations of flammable gases, liquids, vapors, or dust can exist some of the time or all of the time under normal operating conditions, or where easily ignitable fibers and flyings are manufactured, handled, or used.	DIVISION 2 locations are where ignitable concentrations are not likely to exist under normal operating conditions or where Class 3 materials are stored or handled.
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What’s in a RATING?

DEFINITION OF ZONE OR DIVISION

- ZONE 0:**
An area in which an explosive mixture is continuously present or present for long periods
- ZONE I / DIVISION I:**
An area in which an explosive mixture is likely to occur in normal operation.
- ZONE II / DIVISION II:**
An area in which an explosive mixture is not likely to occur in normal operation and if it occurs it will exist only for a short time.

North American Classifications	European & IEC Classifications
Class I Division I (gases)	Zone 0 (gases)
Class II Division I (dusts)	Zone 20 (dusts)
Class I Division I (gases)	Zone 1 (gases)
Class II Division I (dusts)	Zone 21 (dusts)
Class I Division II (gases)	Zone 2 (gases)
Class II Division II (dusts)	Zone 22 (dusts)

If you may be working in a hazardous location, choose a flashlight designed to meet global protection methods, both UL and ATEX/IECEx for use under the type of conditions you could encounter there.

Understanding FL1 STANDARDS:



Light Output is the total luminous flux. It is the overall quantity of emitted overall light energy as measured by integrating the entire angular output of the portable light source. Light output in this standard is expressed in units of lumens.



Waterproof up to at least an IPX7 rating which means the sample is submerged to a minimum of 1 meter depth for 30 minutes. If this test is performed it must be done after impact resistance is completed to ensure water resistance under real-life conditions.



Run Time is defined as the duration of time from the initial light output value - defined as 30 seconds after the point the device is first turned on - using fresh batteries, until the light output reaches 10% of the initial value.



Impact Resistance is the height, measured in meters, from which the light can be dropped onto cured concrete and still work properly. Dropped samples cannot have any visible cracks or breaks and must remain fully functional to receive rating.



Beam Distance is defined as the distance from the device to which the light beam is 0.25 lux (0.25 lux is approximately the equivalent of the light emitted from the full moon “on a clear night in an open field”).



Peak Beam Intensity is the brightest point in the beam measured in candela. Candela is the modern unit of measurement for light intensity replacing the now obsolete unit know as candlepower.

The All-New *Razor*

Runs Longer, Shines Brighter, Now Hands-Free.

This Class I, Div 1 flashlight has a brighter, longer-running beam that also shines further. The two magnets make it easy to attach to steel surfaces; and it's so lightweight, you can carry it everywhere.

FEATURES:

- High and Low modes
- Two Magnets: one on belt clip and one at base of flashlight
- Tail Cap Slot for Lanyard

SPECIFICATIONS:

- Powered by 3 AA-cell alkaline batteries
- Advanced LED Technology
- 325 Lumens (high), 125 Lumens (low)
- 14,000 Candela (high), 7,000 (low)
- Runs 7 hrs. on high, 24 hrs. on low
- Beam Distance reaches 236 Meters (high), 167 meters (low)
- Waterproof 1 Meter IPX7
- Limited Lifetime Warranty

SAFETY RATINGS:

- UL 913
- Class I Div 1 & 2 A-D
- Class II Div 1 & 2 E-G
- Class III Div 1 & 2
- T2

ATEX/IECEx/UKCA APPROVALS:

- II 1G Ex ia op is IIC T2 Ga

ACCESSORIES:

- #23863 6 1/2" Red Slip Over Wand

HIGH MODE

FL1 STANDARDS	
 325 LUMENS	 7 h
 14,000 cd	 2m
 236m	 1m

LOW MODE

FL1 STANDARDS	
 125 LUMENS	 24 h
 7,000 cd	 2m
 167m	 1m

MODEL #60160

DIMENSIONS: 7.125" X 2" X 2"
WEIGHT: 8 oz. (with batteries)
COLOR: HIGH VIS YELLOW

NEW!



RUNS UP TO
24 HOURS!



WORKSAFE
INTRINSIC *Razor FSL*

See Ahead. See Below. See It All.

This Class I, Div 1 Dual Light illuminates what's ahead and helps reduce trips, slips and falls by lighting what's below. You can also attach it to any steel surface with either of two integrated magnets.

FEATURES:

- 2 Lights: Forward & Downward, each can be used independently or in combo
- 3 Light Modes: High, Low and Combo
- Two Magnets: one on belt clip and one at base of flashlight
- Tail Cap Slot for Lanyard

SPECIFICATIONS:

- Powered by 3 AA-Cell Alkaline Batteries
- Advanced LED Technology
- 325 Lumens (high), 125 Lumens (low), 150 Lumens (downlight), 300 Lumens (dual mode).
- 14,000 Candela (high), 7,000 Candela (low), 1,000 Candela (downlight)
- Runs 7 hrs. on high, 24 hrs. on low; Downlight runs 20 hrs.
- Dual Mode runs 10 hrs.
- Beam Distance reaches 236 Meters (high), 167 Meters (low)
- Waterproof 1 Meter IPX7

SAFETY RATINGS:

- UL 913
- Class I Div 1 & 2 A-D
- Class II Div 1 & 2 E-G
- Class III Div 1 & 2
- T2

ATEX/IECEx/UKCA APPROVALS:

- II 1G Ex ia op is IIC T2 Ga

ACCESSORIES:

#23863 6 1/2" Red Slip Over Wand



NEW!



MODEL #60170

DIMENSIONS: 7.125" X 2" X 2"
WEIGHT: 8 oz. (with batteries)
COLOR: HIGH VIS YELLOW

HIGH MODE		LOW MODE	
FL1 STANDARDS		FL1 STANDARDS	
DOWNLIGHT		COMBO	
FL1 STANDARDS		FL1 STANDARDS	

HIGH BEAM
325 LUMENS!

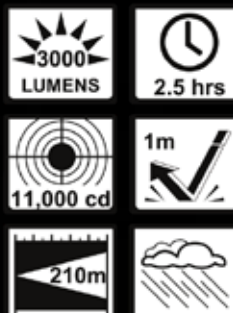


BRIGHTNESS UP TO 3,000 LUMENS!



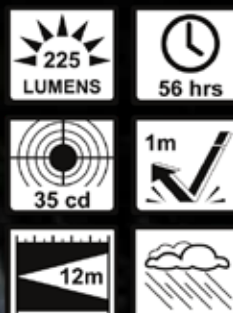
HIGH MODE

FL1 STANDARDS



LOW MODE

FL1 STANDARDS



BFL Area Light

Rechargeable and Lightweight, Yet It Lights Up
An Entire Area With 3000 Lumens.

Dial in the intensity and the color. Illuminate small details, or turn it up for a beam that reaches farther than two football fields. Take it anywhere; it weighs just 3.5lbs.

FEATURES:

- Rechargeable with USB Port
- Adjustable light output can be set anywhere from 225 lumens to 3000 lumens
- Color adjusts from warm yellow to cool white
- Swivel Base – pivots 200°
- Battery Gauge displays state of charge
- Magnet in base attaches to any steel surface
- Runs up to 56 hrs.

BFL AREA LIGHT SPECIFICATIONS:

- Powered by Lithium Ion Rechargeable Battery Pack
- Advanced COB LED Technology
- 3000 Lumens (high), 225 Lumens (low),
- 11,000 Candela (high)
- Runs 2.5 hrs. on high, 56 hrs. on low
- Beam Distance reaches 210 Meters (high)
- Weatherproof IPX4
- Polycarbonate Lens

BFL AREA
LIGHT TRIPOD
(TRIPOD ONLY)
PART#: 10B-2210

TRIPOD SPECIFICATIONS:

- Weight: 11 lb. (5 kg)
- Size: (Stand Height): 9 ft (2.7 m) fully extended
- (Horizontal Bar Length): 39.5" (1.0 m)
- Load Capacity: 50 lb. (22 kg)
- Horizontal Bar Length: 39.5" (1.0 m)
- Stand Height: 9 ft (2.7 m) fully extended
- Bar Diameter: 0.86" (22 mm)
- Material: Aluminum & Steel



NEW!



MODEL#: 89000





VISIBILITY FROM UP TO
1000 FEET!

Freakin' Beacon

Palm-Size Flasher. Shines Like A Freakin' Beacon.

This Class I, Div 1 flasher can be seen from over 1000 feet away. It can be programmed to a steady flash mode, random flashing, or a steady beam.

This palm-sized, lightweight, **Class I, Div 1** personal safety beacon can be programmed to a steady flash mode, random flashing mode or steady mode and seen from over 1000 feet away! Powered by 2AAA alkaline batteries it is drop-rated to 2 meters and waterproof IP67.

FEATURES:

- **5 COLORS:** Red, Blue, Amber, White, Green
- **Green** runs 36 hrs. on steady, 144 hrs. on flash
- **Blue** runs 48 hrs. on steady, 192 hrs. on flash
- **Red, Amber, White** run 65 hrs. on steady, 200 hrs. on flash
- **Powered by 2 AAA alkaline batteries**
- **Waterproof IP67**
- **3M Dual Lock Included**
- **Light visible from 1000+ feet**
- **Drop rated to 2 meters**
- **Optional helmet band for metal, plastic and spring clips**
- **Limited Lifetime Warranty**
- **WEIGHT:** 3.4 oz. with batteries
- **LENGTH:** 2.7" **WIDTH:** 2.6" **HEIGHT:** 1.5"



**Metal
Clip**

**Spring
Clip**

**Plastic
Clasp**

Magnet

71000A- Amber	71010A- Amber	71020A- Amber	71030A- Amber
71000B- Blue	71010B- Blue	71020B- Blue	71030B- Blue
71000G- Green	71010G- Green	71020G- Green	71030G- Green
71000R- Red	71010R- Red	71020R- Red	71030R- Red
71000W- White	71010W- White	71020W- White	71030W- White

ACCESSORIES:

9K-2228- Helmet Band for use with metal, plastic and spring clip



Green, Blue, White, Amber (Red shown on page 12)

* DESIGNED FOR THE NEEDS OF THE FIRE SERVICE, UTILITY, AND TRANSIT MARKETS.

Call us at 800-788-1696
to ask about how we can
custom imprint your next
Koehler BrightStar order

WORKSAFE INTRINSIC *LightHawk Gen II*

An Extraordinary Light That's Exceptionally Lightweight

It's long-range, long-running, rechargeable, intrinsically safe; and it weighs just 1.9 lbs.

FEATURES:

- Fast Recharge
- Smoke-Piercing Beam
- Dual Mode Spot Beam: High/Low
- Steady On/Flashing Modes and Rear Signaling Tail Light
- Low Battery Indicator
- Articulating Head
- Quick-Release Shoulder Strap
- Wall and Vehicle Mountable
- Magnet Option Available

SPECIFICATIONS:

- Powered by 4-Cell Lithium Ion Rechargeable Battery
- Advanced LED Technology
- 300 Lumens (high), 125 Lumens (low)
- 70,000 Candela (high)
- Runs 7 hrs. on high, 14 hrs. on low
- Beam Distance reaches 447 Meters
- Waterproof and Submersible
- Operating Temp: -20°C to 50°C
- Tough Nylon with Non-Slip Rubber Bottom & Handle

SAFETY RATINGS:

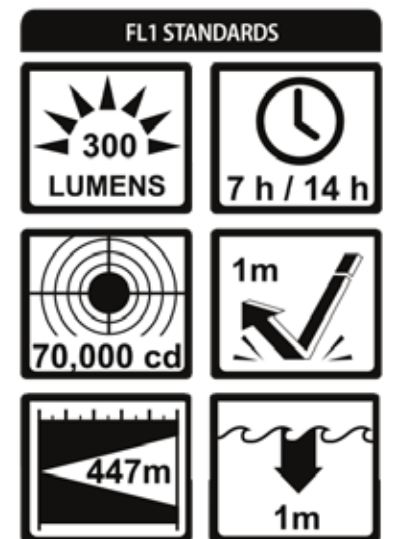
- Intrinsically Safe
- UL Protection Methods
- UL 913 CSA C22.2 No 157
- Class I, II, III, Division 1, Groups C – G, T1
- Class I, II, III, Division 2, Groups A – G, T5
- Ingress Protection Level: IP67
- Meets NFPA 1901 14.1.11.2 2003 Edition

MODELS:

- #07612: 4-Cell Yellow Lantern w/ 120V AC Charger
- #07632: 4-Cell Yellow Lantern w/ DC Charger
- #07652: 4-Cell Yellow Lantern w/ 220V AC Charger
- #07672: 4-Cell, Yellow, Direct Wire
- #07612 UTIL: 4-Cell, Yellow w/ 120V & DC
- #07610: 4-Cell Orange Lantern w/ 120V AC Charger
- #07630: 4-Cell Orange Lantern w/ DC Charger
- #07650: 4-Cell Orange Lantern w/ 220V AC Charger
- #07670: 4-Cell, Orange, Direct Wire
- #07610 UTIL: 4-Cell, Orange w/ 120V & DC
- #07611: 4-Cell Black Lantern w/ 120V AC Charger
- #07631: 4-Cell Black Lantern w/ DC Charger
- #07651: 4-Cell Black Lantern w/ 220V AC Charger
- #07671: 4-Cell, Black, Direct Wire
- #07611 UTIL: 4-Cell, Black w/ 120V & DC

ACCESSORIES:

- #07690: Gen II Charge Base
- #07870: 12/24V DC Cord
- #20628: 120V AC Cord
- #20629: 220V Euro Cord
- #20627: 240V British Cord
- #10B-1926: Magnet Kit
- #10B-1926-I: Magnet Installed
- #9B-1962-1: 4-cell Replacement Lithium Ion Battery Pack
- #9B-1963-2: 6-cell Replacement Lithium Ion Battery Pack
- #21132: Quick Release Shoulder Strap
- #21134: Seat Belt Style Strap



DIMENSIONS: 9.5" X 3.125" X 5.125" WEIGHT: 1.9 lbs. (with batteries) COLOR: SAFETY ORANGE, YELLOW AND BLACK

LightHawk Vision 600

600 Lumen Flood Beam Lights Up An Entire Area

It weighs less than 2 lbs., but this long-running, powerful, rechargeable lantern can flood your whole work area with light.

FEATURES:

- Articulating Head
- LED Charge Indicator
- Low Battery Indicator
- Super Tough Nylon Construction
- High Visibility Flashing Tail Light
- Wall and Vehicle Mountable
- Magnetic Mount Available

SPECIFICATIONS:

- Powered by 4-Cell Lithium Ion Rechargeable Battery
- Advanced LED Technology
- 600 Lumens
- 15,600 Candela
- 6.25 hr. run time
- Beam Distance reaches 250 Meters
- Waterproof for 24 hrs. at 1M
- Operating Temp: -20°C to 50°C
- Tough Nylon with Non-Slip Rubber Bottom & Handle



MODELS:

- #07712: Hi-Vis Green w/ 120V AC Charger
- #07712 UTIL: Hi-Vis Green Lantern w/ 120V AC & 12/24V DC Chargers
- #07752: Hi-Vis Green Lantern w/ 220V AC Charger
- #07732: Hi-Vis Green Lantern w/ 12/24V DC Charger

ACCESSORIES:

- #9B-1962-1: 4-Cell Replacement Lithium Ion Battery Pack
- #07890: Charger Base w/ 120V AC Cord
- #20628: 120V AC Adaptor
- #21132: Shoulder Strap
- #21134: Seat Belt Style Strap
- #20629: 220V Euro Cord
- #07870: 12/24V DC Cord
- #10B-1926: Magnet Kit
- #10B-1926-I: Magnet Installed
- #9B-1963-2: 6-Cell Replacement Lithium Ion Battery Pack

FL1 STANDARDS	

DIMENSIONS: 9.5" X 3.125" X 5.125" WEIGHT: 1.9 lbs. (with batteries) COLOR: HIGH VIS GREEN

Call us at 800-788-1696
to ask about how we can
custom imprint your next
Koehler BrightStar order

600 LUMENS
WITH A RUN TIME OF
6.25 HOURS!



SMOKE CUTTING BEAM OF **205 LUMENS!**

Call us at 800-788-1696 to ask about how we can custom imprint your next Koehler BrightStar order



Rechargeable Responder RA

The Right Angle Light That's Built Right

Rechargeable, lightweight, compact, with a long-reaching beam that pierces the dark and cuts through smoke.

FEATURES:

- Slim Profile Prevents Entanglement
- Wide-Eye Lens
- Large Pushbutton Switch for Gloved Hands
- Super Tough Nylon Construction
- Stainless Steel Clip
- Withstands 30 ft. Drop
- Battery Charger Indicator
- Enables user to Switch Power Supply from Rechargeable Battery Pack to 6 AA Alkaline Battery Pack

SPECIFICATIONS:

- Powered by Lithium Ion Rechargeable Battery Pack
- Advanced LED Technology
- 205 Lumens
- 55,000 Candela
- 4 hr. run time
- Beam Distance reaches 477 Meters
- Waterproof to 1 Meter

SAFETY RATINGS:

- Intrinsically Safe
- UL Protection Methods
- UL 913 CSA C22.2 No 157
- Class I, II, III, Division 1, Groups C – G
- Class I, II, III, Division 2, Groups C – G
- Operating Temp Code T3
- NFPA 70 504.2 2008 Edition
- NFPA 1901 14.1.11.2 2009 Edition
- Certified Mounted in any Position

MODELS:

- #510221: Rechargeable Responder R/A LED w/ Lithium Ion Battery Pack & 120V AC Charger
- #510221 UTL: Rechargeable Responder R/A LED w/ Lithium Ion Battery Pack & 120V AC Charger + 12/24V DC Charger
- #510318: (Lithium Ion Version) w/ Direct Wire
- #510242: (Lithium Ion Version) w/ Euro/Int'l Charger
- #510231: (Lithium Ion Version) w/ 12/24V DC
- #510304: (AA Alkaline Battery Version)

ACCESSORIES:

- #510201-N: Lithium Ion Replacement Battery Pack
- #510220: Charger Base Only
- #510202: Alkaline Battery Tray
- #510180: 12/24V DC Charger cord
- #510181: 120V AC Charger Cord
- #510182: Euro/Int'l Charger Cord



Responder RA Alkaline

Optimal Brightness & Safety, Minimum Weight.

Far-reaching, long-running beam cuts through darkness, smoke and dust.

FEATURES:

- Slim Profile Prevents Entanglement
- Wide-Eye Lens
- Large Pushbutton Switch for Gloved Hands
- Super Tough Nylon Construction
- Stainless Steel Clip
- Withstands 30 ft. Drop
- Alkaline Battery Tray Included
- Enables user to Switch Power Supply from 6 AA Alkaline Battery Pack to Rechargeable Battery Pack with charging base and cord

SPECIFICATIONS:

- Powered by 6 AA Alkaline Batteries
- Advanced LED Technology
- 220 Lumens
- 50,000 Candela
- 17 hr. run time (alkaline battery pack)
- Beam Distance reaches 490 Meters
- Waterproof to 1 Meter

SAFETY RATINGS:

- Intrinsically Safe
- UL Protection Methods
- UL 913 CSA C22.2 No 157
- Class I, II, III, Division 1, Groups A – G
- Class I, II, III, Division 2, Groups A – G
- Operating Temp Code T3
- NFPA 70 504.2 2008 Edition

ACCESSORIES:

- #510201-N: Lithium Ion Replacement Battery Pack
- #510220: Charger Base Only
- #510202: Alkaline Battery Tray
- #510180: 12/24V DC Charger cord
- #510181: 120V AC Charger Cord
- #510182: Euro/Int'l Charger Cord



MODEL #510304

DIMENSIONS: 7" X 3" X 2.5"
WEIGHT: 15 oz. (with batteries)
COLOR: SAFETY ORANGE



Worksafe LED Series

The Highest Global Safety Approvals At The Most Affordable Price

These lights have a bright, long-running beam, and they're safe to use in even the most hazardous environments.

SAFETY RATINGS:

- Intrinsically Safe
- UL Protection Methods
- Class I, II, III, Division 1, Groups A – G
- Class I, II, III, Division 2, Groups A – G
- Operating Temp T5

2217 LED
Model #15460
2 D-Cell Batteries
(not included)

SPECIFICATIONS:

- 80 Lumens
- 2,450 Candela
- 200 hr. run time
- Beam Distance reaches 100 Meters
- Waterproof, IP67 Rating
- WEIGHT: 5 oz. without batteries
- DIMENSIONS: 8.1" X 2.3"
- Colors: Safety Orange, Black Lens Rim

2224 LED
Model #15720
3 D-Cell Batteries
(not included)

SPECIFICATIONS:

- 60 Lumens
- 1,930 Candela
- 250 hr. run time
- Waterproof, IP67 Rating
- Beam Distance reaches 88 Meters
- WEIGHT: 6 oz. without batteries
- DIMENSIONS: 10.2" X 2.3"
- Colors: Safety Orange, Black Lens Rim

2206 LED
Model #08050
4 D-Cell Batteries
(not included)
Battery tray included

SPECIFICATIONS:

- 90 Lumens
- 7,000 Candela
- 150 hr. run time
- Beam Distance reaches 165 Meters
- Waterproof, IP67 Rating
- WEIGHT: 14.66 oz. without batteries
- DIMENSIONS: 8.2" X 4.9" X 5.6"
- Colors: Safety Orange, Black Lens Rim

ACCESSORIES:

#23853: 6½" Red Snap-In Wand
#23860: 6½" Yellow Snap-In Wand



2224

FL1 STANDARDS	

2206

FL1 STANDARDS	

2217

FL1 STANDARDS	

Worksafe LED Series ATEX/IECEX

The Lights You Want, The Safety You Need
For Anywhere In The World

Far-reaching, long-running beam cuts through darkness, smoke and dust.

FEATURES:

- Switch Guard Protects Switch on Impact
- 3-Way Switch for Signaling
- Anti-Roll Tube
- Polycarbonate Lens
- Non-Slip Crush-Resistant Case
- Waterproof

SAFETY RATINGS:

- Intrinsically Safe
- ATEX /IECEX Protection Methods

ATEX /IECEX Rating Info:

- 2206 LED ATX
- Zone 1
 - (Ex) 11 2GD Ex ib IIB T3 Gb
 - Ex ib IIB T180°C D

- 2217 LED ATX
- Zone 0
 - (Ex) 11 1GD Ex ia IIB T3 Ga
 - Ex ia IIB T145°C Da

**2217 LED ATX
Model #16460**

2 D-Cell Batteries
(not included)

SPECIFICATIONS:

- 80 Lumens
- 2,450 Candela
- 200 hr. run time
- Beam Distance reaches 100 Meters
- Waterproof, IP67 Rating
- WEIGHT: 5 oz. without batteries
- DIMENSIONS: 8.1" X 2.3"
- Colors: Black, Safety Orange Lens Rim

**2206 LED ATX
Model #09050**
4 D-Cell Batteries
(not included)

SPECIFICATIONS:

- 90 Lumens
- 7,000 Candela
- 150 hr. run time
- Beam Distance reaches 165 Meters
- Waterproof, IP67 Rating
- WEIGHT: 5 oz. without batteries
- DIMENSIONS: 8.2" X 4.9 X 5.6"
- Colors: Black, Safety Orange Lens Rim



	FL1 STANDARD					
2206	 90 LUMENS LIGHT OUTPUT	 1m WATERPROOF & SUBMERSIBLE	 150h RUNTIME	 1m IMPACT RESISTANCE	 165m BEAM DISTANCE	 7,000cd PEAK BEAM INTENSITY
2217	 80 LUMENS LIGHT OUTPUT	 1m WATERPROOF & SUBMERSIBLE	 200h RUNTIME	 1m IMPACT RESISTANCE	 100m BEAM DISTANCE	 2,450cd PEAK BEAM INTENSITY

ACCESSORIES:

- #23853: 6½" Red Snap-In Wand
- #23860: 6½" Yellow Snap-In Wand

**WORKSAFE
INTRINSIC** ***Vision LED Headlamp***

It's A Spot Or A Flood, And It's The Best Headlamp In Its Class

Choose from high or low in spot or flood modes with this long-running, best-in-class headlamp.

FEATURES:

- Large Push-Button Switch
- Modes: High Spot, Low Spot, High Flood, Low Flood
- Lightweight Polymer Housing
- Adjustable Mount Tilts Down To See Objects Below
- Low Profile Design Fits Within Most Visors and Shields
- Strap Securely Adheres to Helmets, Hardhats, and Heads
- IPx4 rated Water Resistant

SAFETY RATINGS:

- Intrinsically Safe
- UL Protection Methods
- UL 913 CSA C22.2
- Class I, II, III, Div 1 C-G
- Class I, II, III, Div 2 C-G



SPECIFICATIONS:

- Powered by 3 AAA Alkaline Batteries
- Advanced LED Technology
- 185 Lumens (spot high), 65 Lumens (spot low)
- 6.75 hr. run time (spot high), 20 hrs. (spot low), 70 hrs. (flood high), >140 hrs. (flood low)
- Beam Distance reaches 63 Meters (spot high)
- WEIGHT: 3.5 oz. with batteries
- LENGTH: 24" WIDTH: 1.4" HEIGHT: 1.8"
- Color: Hi-Vis Green

HIGH MODE	LOW MODE	HIGH FLOOD	LOW FLOOD
FL1 STANDARDS	FL1 STANDARDS	FL1 STANDARDS	FL1 STANDARDS
185 LUMENS	65 LUMENS	20 LUMENS	10 LUMENS
1,000 cd	320 cd	10 cd	6 cd
6.75 h	20 h	70 h	140 h
63m	35m	6m	4m

Model #200501



**WORKSAFE
INTRINSIC** ***Rechargeable Vision***

The Best In-Class Spot/Flood Headlamp Is Now Rechargeable

There are six lighting options, including a flash; and it's USB rechargeable.

FEATURES:

- Large Push-Button Switch
- Modes: High Spot, Medium Spot, Low Spot, High Flood, Low Flood, Flash
- USB Rechargeable – 2.4 hr, Charge Time
- Lightweight Polymer Housing
- Adjustable Mount Tilts Down To See Objects Below
- Low Profile Design Fits Within Most Visors and Shields
- Strap Securely Adheres to Helmets, Hardhats, and Heads
- IPx4 rated Water Resistant

SPECIFICATIONS:

- Powered by Lithium Polymer Rechargeable Batteries
- Advanced LED Technology
- 185 Lumens (spot high), 65 Lumens (spot medium), 10 Lumens (spot low), 60 Lumens (flood high), 15 Lumens (flood low)
- 6 hr. run time (spot high), 18 hrs. (spot medium), 100 hrs. (spot low), 6 hrs. (flood high), 18 hrs. (flood low)
- Beam Distance reaches 63 Meters (spot high)
- WEIGHT: 3.5 oz. with batteries
- LENGTH: 24" WIDTH: 1.4" HEIGHT: 1.8"
- Color: Hi-Vis Green

SPOT HIGH MODE	SPOT MEDIUM MODE	SPOT LOW MODE	FLOOD HIGH MODE	FLOOD LOW MODE
FL1 STANDARDS	FL1 STANDARDS	FL1 STANDARDS	FL1 STANDARDS	FL1 STANDARDS
185 LUMENS	65 LUMENS	10 LUMENS	60 LUMENS	15 LUMENS
1,000 cd	320 cd	50 cd	1,000 cd	320 cd
6 h	18 h	100 h	6 h	18 h
63m	35m	14m	15m	8m

SAFETY RATINGS:

- UL Protection Methods
- UL 121201 9th Ed CSA C22.2
- NO. 213-17 3rd Ed
- Class I, II, III, Div 2 A-G T4



Model #200521

NEW!



Vision Flood Headlamp

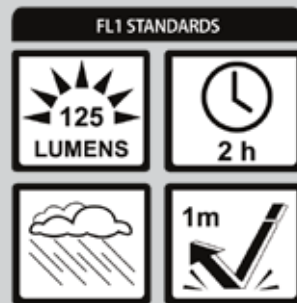
Bright Flood Lamp Can Be Controlled Without Even Touching A Button

With a soft flood for close work and a bright flood that illuminates an entire area, this comfortable headlamp is all the light you need. And you can operate it with just a wave of your hand.

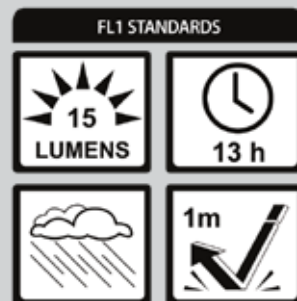
FEATURES:

- Two Methods of Operation: Push-Button or Sensing*
- Low Flood Beam or High Flood Beam
- Adjustable Swivel Aims Down or Around
- Lightweight Polymer Housing
- Low Profile Design Fits Within Most Visors and Shields
- Multi-Use Adjustable Strap Securely Adheres to Helmets, Hardhats, and Heads
- IPx4 rated Water-Resistant for outdoor use in wet environments

HIGH MODE



LOW MODE



SPECIFICATIONS:

- Powered by 2 AAA-Cell Alkaline Batteries
- Advanced LED Technology
- 125 Lumens (high), 15 Lumens (Low)
- 2 hr. run time (high), 13 hrs. (Low)
- Beam Distance reaches 75 Meters
- Class I Div 1 A-G T2

SAFETY RATINGS:

- UL Protection Methods
- UL 913
- Class 1 Div 1 A-G
- T2



MODEL #200511

Industrial 2618 LED

Tough, Dependable, All-Around Work Light Shines up to 200 Hrs.

Super bright for the industrial light category at 80 Lumens, this very affordable work light has one of the longest run times.

FEATURES:

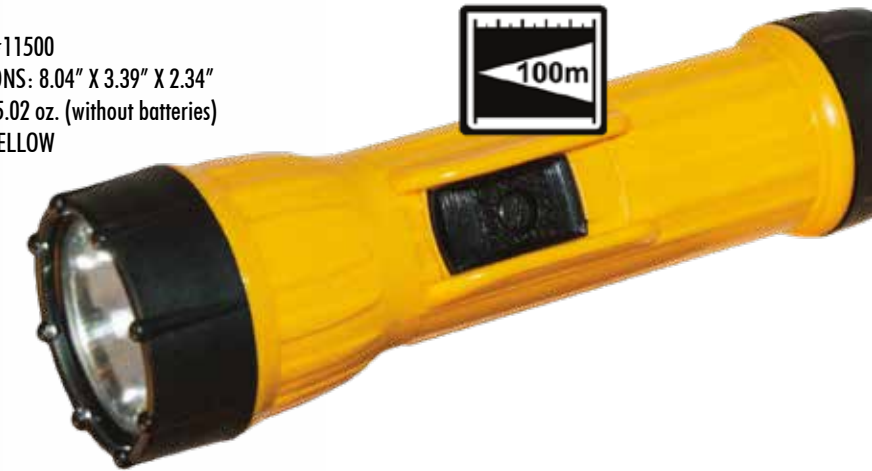
- Switch Guard Protects Switch On Impact
- Non-Slip Grip
- Anti-Roll Tube
- Waterproof & Submersible
- Impact-Resistant to 1 Meter
- Crush-Resistant Case
- Chemical/Grease Resistant

SPECIFICATIONS:

- 80 Lumens
- 2,450 Candela
- 200 hr. run time
- Beam Distance reaches 100 Meters
- Powered by 2 D-Cell Alkaline Batteries



MODEL #11500
DIMENSIONS: 8.04" X 3.39" X 2.34"
WEIGHT: 5.02 oz. (without batteries)
COLOR: YELLOW

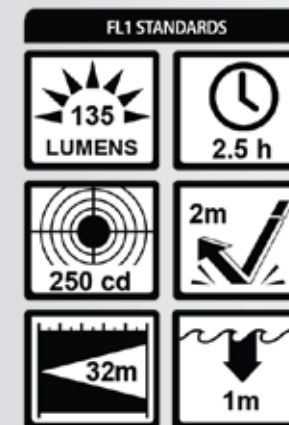


ACCESSORIES:

- #23853: Red Snap-In Wand
- #23860: Yellow Snap-In Wand

Ion Pen Light

Fits Comfortably In Your Pocket For A Strong Light At The Ready.



SPECIFICATIONS:

- 135 Lumens / 250 Candela
- 2.5 hr. run time
- Beam Distance 32 Meters
- Powered by 2 AAA Alkaline Batteries
- Waterproof up to 1 Meter
- Drop Rating 2 Meters

FEATURES:

- Rear push-button switch for momentary mode and click on for continuous light.
- Engineered to provide high output throughout entire runtime
- Pocket clip attachment
- Anodized aluminum construction

**GET IT ENGRAVED
WITH YOUR LOGO!**



MODEL #60500
DIMENSIONS: 5.125" X .125"

Koehler BrightStar Cap Lamps

Earning The Confidence & Trust Of Miners For Over 100 Years

These underground lighting solutions are the latest results of our 100+ years commitment to mining safety.

FEATURES:

- Regulated, Consistent Light Output- optimum brightness maintained for entire run time
- LED Charge Status Indicator
- Optimized Central & Peripheral Vision
- Automatic Low Power Detection & Indication (LI-6000-G model)
- High/Low Lighting Modes
- Tracking & Proximity Available on the LI-5300-G model.

Cordless LED Cap Lamp Model# LI-6000-G

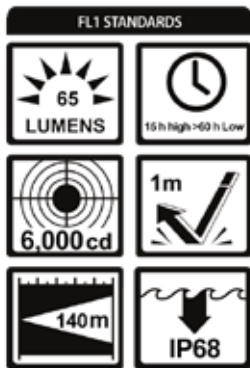
Includes Swivel Accessory and Rechargeable li-ion battery

SPECIFICATIONS:

- 65 Lumens
- 6,000 Candela
- 140 Meters Beam Distance
- Impact Resistance: 1 Meter
- Ingress Protection: IP68
- 15 hrs. run time high / 60 hrs. low
- Powered by Single Lithium Ion 18650 (2600 mAh Capacity)
- Light Source: LED
- 6 hr. Charge Time
- WEIGHT: 5 oz. with batteries
- SIZE: 3.4" x 2.4" x 2.7"
- Operating Temperature: -20°C to +60°C

SAFETY RATINGS:

- MSHA Part 19 Certified
- ATEX Ex ia | Ma Certified
- IECEx Ex ia | Ma Certified



LED Cap Lamp Model# LI-5300-G

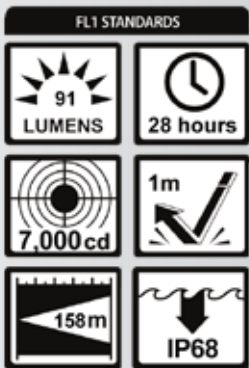
Includes cord and Rechargeable li-ion battery

SPECIFICATIONS:

- 91 Lumens
- 7,000 Candela
- 158 Meters Beam Distance
- 28 hrs. run time high / 250 hrs. low
- Impact Resistance: 1 Meter
- Ingress Protection: IP68
- Powered by 14.4 Ah Lithium Ion Battery
- Light Source: LED
- <8 hr. Charge Time
- WEIGHT: 1.9 lbs. with batteries
- SIZE: Lamp 2.1"W x 2.7"D
- Battery 3.5"W x 2.5"D x 5.2"H
- Cord 53"L
- Operating Temperature: -20°C to +60°C

SAFETY RATINGS:

- MSHA Part 18 Certified
- MSHA Part 19 Certified



To purchase Koehler BrightStar Cap Lamp products in the USA, please contact



423-573-7300

Fax-Purchasing: 423-573-7399

www.unitedcentral.net



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