



SECTION 22: LIGHTING & INSPECTION

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Supplying the Aerospace, Defense & Metal Working Industries Since 1951!

MINIMUM ORDER: \$100.00 List Price

TERMS:

- Net 30 days on approved credit only
- Approved credit cards
- Prepaid via check or wire transfer
- **No C.O.D. Shipments**

RETURNS:

1. Return authorization is required.
2. Merchandise must be sent freight prepaid to the facility from which it was purchased.
3. A 20% restocking charge is applicable
4. **All claims must be made within seven (7) days of receipt of goods**

FREIGHT: F.O.B. Shipping Point.

SPECIAL ORDERS: All special orders may require prepayment

CURRENCY: All prices are in U.S. Dollars

OVERSEAS: Same as above, only **prepayment via bank wire transfer (all fees for buyers account) or by bank check**

Government IMPAC Cards Accepted

Don't forget to check out USATCO Online, with monthly sales, homebuilder specials, surplus items & an easy to use interface its the easiest place to shop for tools on the web.

www.USATCO.com

Please ask about our tool rental policy!

We repair all major brand pneumatic tools on our premises. We are an official repair station for Cherry Textron[®], Chicago Pneumatic[®], and Cooper[®] Power Tools (including Dotco[®], Gardener Denver[®], Buckeye[®] and Doler[®]). In addition, we have our own manufacturing and modification facilities. We are riveting and product assembly specialists!

We will be happy to examine your tools free of charge and give you an estimate of repair cost. Ship prepaid to any of our facilities. Please send tensiometers to our New York Lab only.

LIMITED WARRANTY

If for any reason you are not completely satisfied with any item purchased from us you may request a return authorization within seven (7) days of receipt of goods. When obtained, send us the item (transportation prepaid) for replacement, repair or refund. Tools manufactured by USATCO are warrantied for one (1) year from date of purchase. We cannot assume liability for abuse, misuse or alteration of goods. Any tampering with tools or attempted repairs of same will nullify this warranty.

Note: Warranties from other manufacturers available upon request.

KH® Industrial Quality Portable Work Lights

- Rugged, safe & simple to maintain. **FM Approved**.
- Replacement parts can be ordered directly from USATCO.
- Tubes & starters are standard.

*Note: 120 VAC, 50 Hz & 220 VAC, 50/60 Hz also available, please inquire.

8 Watt Midget - 120 VAC, 60 Hz (NEMA 1-15 Plug Included)			
Part Number	Cord	Weight	Overall Length
8CC-MIG	13' (coiled)	2.25 lbs (1.0 kgs)	15" (38 cm)
825-MIG	25' (straight)	2.75 lbs (1.2 kgs)	

15 Watt Mighty - 120 VAC, 60 Hz (NEMA 1-15 Plug Included)			
Part Number	Cord	Weight	Overall Length
1525ML	25'	3 lbs (1.4 kgs)	22-1/4" (57 cm)
1550ML	50'	4.5 lbs (2.0 kgs)	

20 Watt - 120 VAC, 60 Hz* (Plug Not Included)			
Part Number	Cord	Weight	Overall Length
2050-T12	50'	10 lbs (4.5 kgs)	32" (81 cm)

40 Watt - 120 VAC, 60 Hz* (Plug Not Included)			
Part Number	Cord	Weight	Overall Length
4050-T12	50'	10 lbs (4.5 kgs)	56" (142 cm)



KH® Hazardous Location Work Lights

- **FM Approved** cord, ballast & lamp unit*.
- All aluminum body with specially compounded bumper guards.
- NEMA 4 watertight.

*Note: 120 VAC, 50 Hz & 220 VAC, 50/60 Hz also available, please inquire.

120 VAC, 60 Hz* (Plug Not Included)				
Part Number	Power	Cord Length	Weight	Overall Length
EP300-1325	13 Watts	25'	3.75 lbs (1.7 kgs)	14-3/4" (38 cm)
EP300-1350		50'		
EP300-2625	26 Watts	25'		
EP300-2650		50'		



*Note: Units furnished without plug and are suitable for Class I, Division I Groups C & D; Class II, Division I Groups E, F & G; Class III, Division I.

KH® Heavy-Duty Hazardous Location Work Lights

- **FM Approved** cord, ballast & lamp unit*.
- All aluminum body with special rod cage protection.
- Tubeshield specially annealed glass with built-in metal reflector.

120 VAC, 60 Hz (Plug Not Included)				
Part Number	Power	Cord Length	Weight	Overall Length
EP-1525	15 Watts	25'	5 lbs (2.3 kgs)	27" (69 cm)
EP-1550		50'		



*Note: Units furnished without plug and are suitable for Class I, Division I Group D.

KH® Aurora Light Wide-Area Portable Lighting



- Provides 12 hours of quality, shadow free light per 4-6 hour charge.
- Switch to single lamp operation for double the battery life.
- 10,000 hour lamp life.
- Yellow finished fixture offers an IP-68 level of component protection.
- Audible & visual low-battery warning.

Unit Includes:

Aurora Light Fixture, Lamps, Line Voltage Recharging Adapter, 12-Volt Adapter & Alligator Clip For Reverse Power Application

12/120 VAC, 60 Hz Rechargeable - Electronic Ballast				
Part Number	Watts	Lumens	Dimensions	Weight
AL11-16ENC	22	5,200	22" x 10-1/2" x 9-3/4"	21 lbs (9.5 kgs)

KH® Quad Light Wide-Area Lighting



QL417R-16E-06

- Stand, mount or hang in a variety of positions for optimal lighting flexibility.
- Lamp shock absorbers & impact-resistant coated bulbs.
- Integrated cord storage system & feed through outlets for daisy-chain operation.
- Tool free relamping.
- Protected on/off power switch.

Unit Includes:

Quad Light Fixture, Four Lamps, Standard SJOW Cord, NEMA 5-15 Convertible Plug-Connector & Flexible Mounting Straps

120 VAC, 60 Hz - Electronic Ballast (Rapid-Start, High-Frequency)						
Part Number	Watts Per Bulb	Watts Total	Lumens	Cord Length	Overall Length	Weight
QL417R-16E-06	17	68	5,200	6'	27-3/4" (71 cm)	11.5 lbs (5.2 kgs)
QL417R-16E-25				25'	52" (132 cm)	13.5 lbs (6.1 kgs)
QL432R-16E-06	32	128	11,800	6'	27-3/4" (71 cm)	16.5 lbs (7.5 kgs)
QL432R-16E-25				25'	52" (132 cm)	18.5 lbs (8.4 kgs)

Bend-A-Light Pro



- Plastic handle, brass alloy shaft.
- Includes 2AA batteries.

Part Number	Description	Overall Length
5221	Bend-A-Light	18" (46 cm)
56091	Replacement Bulb	—

Mag-Lite® Flashlights

- High-strength aluminum alloy case is o-ring sealed for water resistance.
- 3-position self cleaning rotary switch.
- Includes spare lamp safely secured in the tail cap.
- Cam action focus (spot to flood).
- Limited lifetime warranty, made in the USA.

New!



Maglite				
Part Number	Batteries Required (not included)	Approx. Battery Life (continuous on)	Weight (with batteries)	Overall Length
71084	2 D-Cell	14 hours	1.5 lbs (0.7 kgs)	10" (254 mm)
71085	3 D-Cell		1.9 lbs (0.9 kgs)	12-11/32" (314 mm)

Mini Maglite				
Part Number	Batteries Required (included)	Approx. Battery Life (continuous on)	Weight (with batteries)	Overall Length
71086	2 AA	6 hours	3.78 oz (107 g)	5-3/4" (146 mm)

Mini Maglite With Black Polypropylene Holster				
Part Number	Batteries Required (included)	Approx. Battery Life (continuous on)	Weight (with batteries)	Overall Length
71087	2 AA	6 hours	3.78 oz (107 g)	5-3/4" (146 mm)

Replacement Lamps		
Part Number	For Use With	Pack Size
100161	Mini Maglite	2 Pack
100163	Maglite	1 Pack

Mag-Lite® Inspection Light Attachment

- Flexible fiber optic wand attaches to Mini Maglite offered above.
- Bend & direct light beam into limited access areas.

New!

Part Number	Overall Length
90435	8-1/2" (216 mm)



All-Angle Magnetic Retrievers

- Molded nylon heads.
- High-power permanent magnets provide a lifetime of pulling power.
- Perfect for use in water, oil etc.



Telescopic Magnetic Retriever		
Part Number	Overall Length	Extends To
1	16-3/4" (42.5 cm)	26-3/4" (68 cm)
2	10-5/8" (27 cm)	14-5/8" (37 cm)
3	8-1/2" (21.6 cm)	—

Spring Flex Magnetic Retriever		
Part Number	Overall Length	Extends To
6F	17-1/2" (44.5 cm)	—
6FL	25" (63.5 cm)	—

Mechanic's Pocket (Insulated) Magnetic Retriever		
Part Number	Overall Length	Extends To
9	6" (152 mm)	—

Pocket Telescopic Magnetic Retriever		
Part Number	Overall Length	Extends To
4T	4" (10.2 cm)	19-1/2" (49.5 cm)

All-Angle Inspection Mirrors



- Replaceable copper backed clear-view mirrors.
- Non-rotating inner hex rods on telescoping models prevent mirror swing.
- Insulating grip.

*Note: With shatter-resistant glass magnifying head.

Standard

Part Number	Replacement Mirror	Rep. Head Assembly	Mirror Size	Overall Length	Extends To
A-2	—	A-2HD	7/8" Diameter	7-1/2" (19 cm)	—
B-2	B-2R	B-2HD	1" x 2" Oval	8-1/2" (21.6 cm)	—
E-2	—	E-2HD	1-1/4" Diameter	8" (20 cm)	—

Telescoping

Part Number	Replacement Mirror	Rep. Head Assembly	Mirror Size	Overall Length	Extends To
C-2	—	C-2HD	2-1/4" Diameter	10" (25.4 cm)	14" (35.6 cm)
K-2	K-2R	K-2HD	2-1/8" x 3-1/2"	11-1/4" (28.6 cm)	15-1/4" (38.7 cm)
HTE-2	—	—	1-1/4" Diameter	6-1/2" (16.5 cm)	35" (89 cm)
HTC-2	—	—	2-1/4" Diameter		36-3/8" (92.4 cm)
98669	—	—	3-1/4" Diameter		29-1/2" (75 cm)

Telescoping & Magnifying

Part Number	Replacement Mirror	Rep. Head Assembly	Mirror Size	Overall Length	Extends To
C-2M	—	C-2MHD	2-1/4" Diameter	10" (25.4 cm)	14" (35.6 cm)
C-2ML	—	C-2MHD	2-1/4" Diameter	16" (40.6 cm)	26" (66 cm)
K-2M	K-2MR	K-2MHD	2-1/8" x 3-1/2"	11-1/4" (28.6 cm)	15-1/4" (38.7 cm)
K-2ML	K-2MR	K-2MHD	2-1/8" x 3-1/2"	17-1/4" (44 cm)	27-1/2" (70 cm)

Telescoping With Magnetic Pick-Up

Part Number	Replacement Mirror	Rep. Head Assembly	Mirror Size	Overall Length	Extends To
A-2TM	—	—	7/8" Diameter	5-5/8" (14.3 cm)	19-1/2" (49.5 cm)
A-2TM	—	—	1-1/4" Diameter		19-7/8" (50.5 cm)
A-2TM	—	—	1" x 2"		20-3/4" (52.7 cm)

Telescoping With Magnifying Glass*

Part Number	Replacement Mirror	Rep. Head Assembly	Mirror Size	Overall Length	Extends To
MG-2	—	—	2-3/8" Diameter	6-7/8" (17.5 cm)	36-1/8" (92 cm)

Hook & Pick Sets



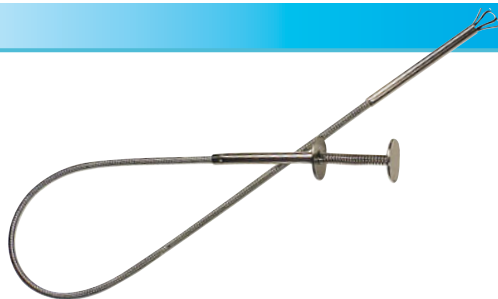
- Ideal for separating wires, removing small fuses & retrieving small parts.
- High-carbon polished steel permanently attached to aluminum handle.

Part Number	Type	Includes
PH-4	4pc Individual Set	Straight, Complex, 90° & Hook
MP-6	5pc Micro Set	Straight, Bayonet, Double Angle, 45° & Hook (Includes Vinyl Pouch)

Flexible Spring Claw

- Perfect for objects dropped in hard to reach places.

Part Number	Overall Length
16	23-1/2" (60 cm)



Provision Borescopes

- Offers the same performance and results as boscopes costing 10x as much.
- Powerful halogen lamp powered by 2AA batteries (not included).
- 'Obedient' 0.4" cable maintains its fixed position until readjusted.
- 6" ergo designed handle with integrated focus ring.
- Includes fitted case.



Part Number	Cable Length	Field Of View	Optimal View Dist.	Weight (with case)	Overall Length
71031	18"	40°	0.8" (22 mm)	1.5 lbs (0.7 kgs)	24" (61 cm)
71041	36"			2.6 lbs (1.2 kgs)	42" (107 cm)
71051	48"			5 lbs (2.3 kgs)	54" (137 cm)

Accessories	
Part Number	Description
PVW-45	Clip-On 45° Mirror
PM-1	Magnetic Tip
PL-1000	Replacement Halogen Bulb

Accessories	
Part Number	Description
PVK-45	Clip-On 45° Mirror & Bulb
PVKM-45	Complete Set: Clip-On 45° Mirror, Magnetic Tip & Bulb

Flexible Fiber Optic Borescope Kits

- 10,000 pixel imaging & 55° field of view.
- 60X magnification & 5 to 35MM working distance.
- Fixed focus adjustment.
- 200° F maximum working temperature.
- Water-tight & chemical resistant sheathing.



Part Number	Description	Includes
7571	Renegade Kit	Renegade Borescope, Remote Light Source (Mini Flashlight & Adapter), 90° Viewing Head & Carrying Case
75702	Mongoose Pro Kit	Mongoose Borescope, 150 Watt Adj. Halogen Light, 7' Fiber Optic Light Guide, Remote Light Source (Mini Flashlight & Adapter), 90° Viewing Head & Deluxe Carrying Case
7507	Mongoose Deluxe Video Kit	Miniature Color CCD Camera & C-Mount Camera Adapter