

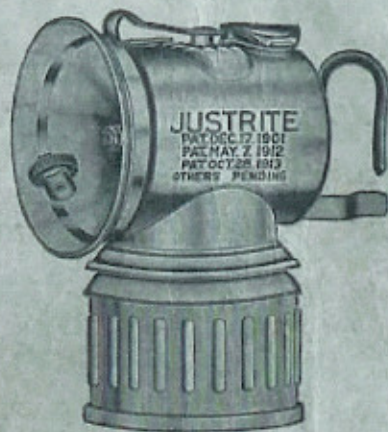
Justrite
TRADE MARK

Developed in the early 1920s

Justrite
TRADE MARK

BECAUSE INSIDE IT SHOWS

1915
PATENT



**MINERS
CARBIDE LAMPS**

Catalogue No. 4

12-

JUSTRITE MANUFACTURING COMPANY

Established 1906

Catalogue No. 4

Carbide Lamps

(ACETYLENE GAS)

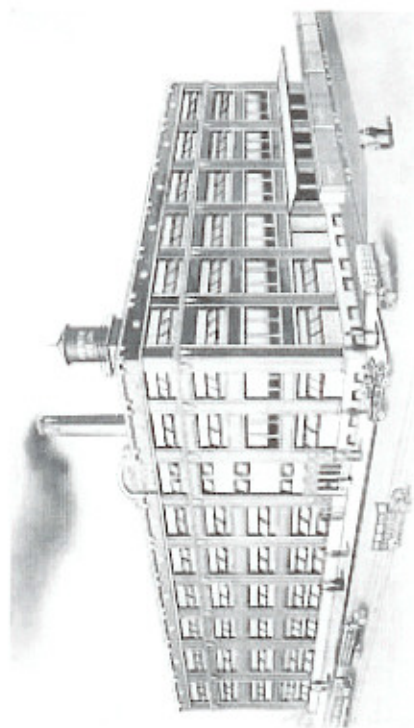
FOR

Coal and Metal Mining

ALSO FOR

Camping, Hunting, Fishing, Etc.

OFFICE AND FACTORY
2061-2081 Southport Avenue
CHICAGO, U. S. A.



OFFICE and FACTORY
2061-2081 Southport Ave.
CHICAGO, U. S. A.

Justrite
TRADE MARK

Foreword

To the Trade:

In submitting this Catalog to the trade, we ask more than passing consideration. In it we give proof that the articles illustrated are of superlative merit, which supports the principle of our Trade Mark:

Justrite
TRADE MARK

Careful investigation of a Justrite Miners Lamp, shows that the quality of material used and the general manufacture are of the very best.

Particular attention is invited to the description, showing the construction of our lamps, of which we are the **ORIGINATORS** and sole **MANUFACTURERS**.

The **CONSTRUCTION** and **DESIGN** of our "Justrite," "Victor" and "Acme" lamps are covered by patents—our Trade Marks are registered.

The articles illustrated comprise a complete line of Miners' Lamps, Repair Parts and Accessories, covering virtually every need for coal and metal mining, also lamps for Hunting, Fishing and Camping.

Justrite Manufacturing Company

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SPECIFICATION OF CAP LAMPS

Material Brass.
 Finish Brass or Nickel Plated.
 Reflectors 2½-inch to 3-inch.
 Burning Capacity—2½ hours.
 Weight—5 ounces.
 Charge—2 ounces Carbide.
 Height—3½ inches.
 Diameter Bottom—2 inches.
 Candlepower 16.7
 Packed:
 1 Dozen in Carton—6 pounds.
 6 Dozen in Container—33 pounds.



The Wire Valve Feed

A valve enclosed in a ¼-inch tube so constructed that it increases or decreases the supply of water, enabling the user to burn the flame any size desired. The valve is operated by a lever sliding back and forth over notches. It will not clog and does not require agitation in order to obtain water as needed. Easy to operate and keep clean. Bent wire at base of valve stem breaks carbide sludge.



The Polygon Valve Feed

The principal feature of the Polygon valve is the square button threaded and soldered on the valve stem. It is set rigid and cannot get out of alignment, therefore it is a positive water shut off and will never leak. The sharp corners of the button break and rip away the caked carbide, always insuring a steady free water flow—will not clog—requires no agitation.



MINER'S CAP LAMPS

Wire Feed - Round Hook
Lighter Attachment

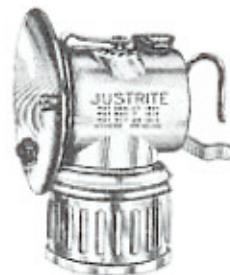


Concave Reflector

No.	2 1/2-inch Diameter	Price
407	Polished Brass - Lamp only	
409	Nickel Plated - Lamp only	
85	Polished Brass with No. 77 Carbide Can	
86	Nickel Plated with No. 77 Carbide Can	
57	Polished Brass with Extra Bottom	
58	Nickel Plated with Extra Bottom	

Saucer Shaped Reflector

No.	3-inch Diameter	Price
467	Polished Brass - Lamp only	
469	Nickel Plated - Lamp only	
466	Nickel Plated with No. 77 Carbide Can	



Supply Parts

- No. 965 - Bottom, Polished Brass.
- No. 925 - Bottom, Nickel Plated.
- No. 60 - Rubber Gasket.
- No. 62 - Felt Packing.
- No. 64V - Felt Holder.
- No. 79 - Valve Stem.
- No. 28 - Jewel Burner Tip.
- No. 122 - Flint.
- No. 177 - Lighter, Complete.

For Specification of Lamps, see Page 5.
For Illustration of Supply Parts see pages 14-15



MINERS' CAP LAMPS

Polygon Feed - Round Hook
Lighter Attachment



Concave Reflector

No.	2 1/2-inch Diameter.	Price
707	Polished Brass-Lamp Only	
709	Nickel Plated - Lamp Only	
704	Polished Brass with No. 77 Carbide Can	
701	Polished Brass with Extra Bottom	
703	Nickel Plated with Extra Bottom	

Concave Reflector

No.	2 1/2-inch Diameter	Price
727	Polished Brass-Lamp Only	
729	Nickel Plated - Lamp Only	



Saucer Shaped Reflector

No.	3-inch Diameter	Price
767	Polished Brass-Lamp Only	
769	Nickel Plated - Lamp Only	

Supply Parts

- No. 965 - Bottom, Polished Brass.
- No. 925 - Extra Bottom, Nickel Plated.
- No. 60 - Rubber Gasket.
- No. 62 - Felt Packing.
- No. 64V - Felt Holder.
- No. 790 - Valve Stem.
- No. 28 - Jewel Burner Tip.
- No. 177 - Lighter, Complete.
- No. 122 - Flint.

For Specification of Lamps, see Page 5.
For Illustration of Supply Parts see pages 14-15



MINERS' CAP LAMPS

With
New Lighter Attachment
Polygon Feed



The
New Justrite Sparker Attachment

This new device prevents teeth of sparker wheel from becoming clogged with grime and dirt from the hands.

A great improvement over the old way - just raise lever to burner tip with finger, release, and sparker automatically lights lamp instantly.

Concave Reflector
2 1/2-inch Diameter

- No. 927 - Polished Brass - Lamp Only
929 - Nickel Plated - Lamp Only



Price



Saucer Shaped Reflector

3-inch Diameter

- | | |
|----------------------------------|-------|
| No. | Price |
| 967 - Polished Brass - Lamp Only | |
| 969 - Nickel Plated - Lamp Only | |

Supply Parts

- No. 965 - Bottom Polished Brass.
- No. 925 - Bottom Nickel Plated.
- No. 78 - Jewel Burner Tip.
- No. 60 - Rubber Gasket.
- No. 62 - Felt.
- No. 64V - Felt Holder.
- No. 100 - Valve Stem.
- No. 172 - Flint.
- No. 175 - Lighter, Complete.

For Specifications, see Page 5.
For Illustration of Supply Parts see Pages 14-15

Trade Mark
"VICTOR"
MINERS' CAP LAMPS
Detachable Reflector and Brace

POLYGON FEED

Miners preferring a "VERTICAL STYLE" miner's lamp with detachable reflector will find that the VICTOR LAMP gives them the best results. The VICTOR LAMP is very rigid and strongly constructed, all weak points reinforced and strengthened.

SAUCER SHAPED REFLECTOR
2-inch Diameter

Especially made for working low seam coal

Price

- No. 662 - Polished Brass



PAT. APP. FOR
Round Hook

SAUCER SHAPED REFLECTOR
2 1/2-inch Diameter

- No. 661 - Polished Brass
No. 663 - Nickel Plated

Price



PAT. APP. FOR

SAUCER SHAPED REFLECTOR
3-inch Diameter

- No. 666 - Polished Brass
No. 668 - Nickel Plated

Price



PAT. APP. FOR
Round Hook

Supply Parts

- No. 963 - Bottom Polished Brass
- No. 933 - Bottom Nickel Plated
- No. 193 - Reflector Brass
- No. 196 - Knurled Nut
- No. 198 - 2 in. Reflector, Brass
- No. 200 - 2 1/2 in. Reflector, Brass
- No. 201 - 3 in. Reflector, Brass
- No. 202 - 2 1/2 in. Reflector, Nickel

- No. 201 - 3 in. Reflector, Nickel
- No. 600 - Valve Stem
- No. 64V - Felt Holder
- No. 62 - Felt
- No. 60 - Rubber Gasket
- No. 25 - Burner Tip
- No. 172 - Flint
- No. 175 - Lighter, Complete

For Specifications, see page 5.
For Illustration of Supply Parts see pages 13, 14 and 15



SPECIAL DRIVERS LAMP

Round Hook
Nickel Silver Reflector
2 1/2 inches in Diameter

Polygon Feed

This lamp has extra deep concaved nickel silver reflector—exterior finish polished brass. Equipped with No. 170 Flame Protector, making lamp wind and water proof.

The lamp is especially designed for use in places subject to strong air currents. DRIVERS, MOTORMEN, ENGINEERS, TIMBERMEN and SHOT-FIRERS will find this lamp very satisfactory.



No. 170 Flame Protector

No.
787 Lamp only

Price

Supply Parts

- No. 963 Bottom, Polished Brass.
- No. 60 Rubber Gasket.
- No. 62 Felt Packing.
- No. 64V Felt Holder.
- No. 100 Valve Stem.
- No. 28 Jewel Burner Tip.
- No. 177 Lighter, Complete.
- No. 172 Extra Flints.
- No. 170 Flame Protector.

For specifications of Lamps, see page 3
For illustration of Supply Parts, see pages 14-15



SUPERINTENDENTS' LAMPS

Nickel Plated
Equipped with Lighter Attachment
Wire Feed



Burning
Capacity
2 1/2 Hours



Burning
Capacity
4 Hours

No. 100 With No. 77 Carbide Can
Brass, Nickel Plated; 2 1/2-inch Reflector; Weight, 6 ounces; Height, 3 1/2 inches.

No. 95 With No. 77 Carbide Can
Brass, Nickel Plated; 3-inch Reflector; Weight, 7 ounces; Height, 4 1/2 inches.



No. 170 Flame Protector

The flame protector is removable. Can be used or not as desired. Makes the flame wind and water-proof. Flame Protector furnished with above lamps.

Repair Parts

- No. 935 Extra Bottoms for No. 100.
- No. 34 Extra Bottoms for No. 95.
- No. 28 Jewel Burner Tip.
- No. 60 Rubber Gasket.
- No. 62 Felt Packing.
- No. 64V Felt Holders.
- No. 78 Valve Stem for No. 100.
- No. 79 Valve Stem for No. 95.
- No. 170 Flame Protector.
- No. 172 Extra Flints for Lighter.
- No. 177 Lighter, Complete.

Trade "ACME" Mark
SUPERINTENDENTS' LAMP

Nickel Plated



No. 80 Lamp Price

Specifications

Burning Capacity—5 to 6 hours.
 Candle Power—18.
 Weight—15½ ounces.
 Charge—5 ounces Carbide.
 Height of Lamp—5½ inches.
 Diameter Bottom—2¼ inches.
 Diameter Reflector—3 inches.

A sturdy steel Superintendents' Lamp, highly nickel plated. Equipped with Folding Handles, Lighter Attachment, No. 171 Flame Protector, Polygon Feed.



No. 171 Flame Protector

Complete List of Repair Parts

No. 51—Carbide Container.
 No. 52—Felt.
 No. 53—Felt Holder.
 No. 54—Reflector Brace.
 No. 55—Ball Screws.
 No. 59—Valve Stem.
 No. 61—Gasket.

No. 186—Knurled Nut.
 No. 201—Nickel Reflector.
 No. 84—Ball and Hook.
 No. 28—Jewel Burner Tip.
 No. 177—Lighter, Complete.
 No. 172—Flints for Lighter.
 No. 171—Flame Protector.

Illustrations of Supply Parts on page 24

SUPPLY PARTS FOR CAP LAMPS
REFLECTORS
 for
 "Victor" Lamps

2½-inch Reflector
 With Lighter



No. 200 2½-inch Brass.
 No. 300 2½-inch Nickel.
 No. 195 2-inch Brass

Knurled Nut



No. 186

Reflector Brace



No. 195

3-inch Reflector
 With Lighter



No. 201 3-inch Brass.
 No. 301 3-inch Nickel.

2½-inch Diameter.



No. 131—Polished Brass.
 No. 132—Nickel Plated.

REFLECTORS

With

Collar and Set Screw

Equipped with

Lighter Attachment

Strong—Durable

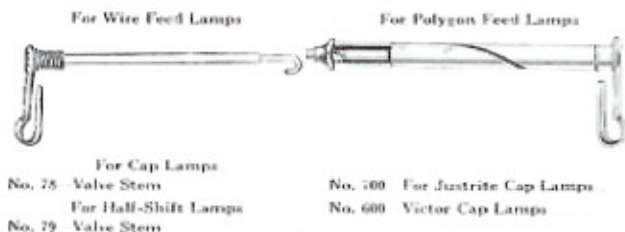
3-inch Diameter



No. 133—Polished Brass.
 No. 134—Nickel Plated.

SUPPLY PARTS FOR CAP LAMPS

Valve Stems



Extra Bottoms



Description

New Justrite Re-inforced Bottom
The seam at base of bottom has five layers of metal rolled together. Solder is then forced into the crevices from the inside forming a solid rim 1/4-inch thick. The upper part, including the screw threads with rolled edge, is one piece drawn from seamless brass. The strongest and most durable carbide lamp bottom made. Adds strength just where it is most needed.



No. 965 Polished Brass.
935 Nickel Plated.

The
Strongest
Lamp
Bottoms
Made



No. 69 - Polished Brass.
34 - Nickel Plated.

SUPPLY PARTS FOR CAP LAMPS



The Jewel Burner Tip

A perfect Metal Tip. Shell made of brass with an imported Lava burner insert, combining the best qualities of the Metal and Lava Tip cannot break or crack easy to put on and take out.



Parts for Lighters

- | | |
|-----|-------------------|
| No. | Price |
| 172 | Flints |
| 173 | Springs |
| 174 | Screw Caps |
| 175 | Wheels |
| 176 | Fork and Nut |
| 177 | Lighter, Complete |
| 182 | Hexagon Nut |

ACCESSORIES
for
Carbide Lamps



Carbide Containers

Pocket Carbide Can

No. 77—Capacity, 10 ounces Carbide Price

Made of light steel, tin coated, ribbed, double seamed and sliding cover, air tight, concealed to fit the boot or hip pocket. Holds full day's supply. Strong and durable. The most convenient and safest carbide supply can on the market. Will not rust.



No. 23

Carbide Flask

Made of Heavy Tin Double Seamed Strong, Durable

Oval Shape Size: 6 1/2 x 2 1/2

Large Opening Empties Freely

No. 23 With Screw Cap

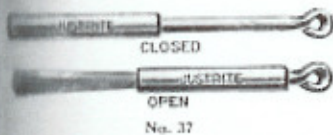
No. 24 With Hinged Top



No. 24

ACCESSORIES—Continued

Justrite Wire Tip Cleaners



50 Hard Rustproof Steel Wires. Sliding Cover. Wires Protected When Not in Use.



No. 22 Wire Tip Cleaner Without Sliding Cover

Tip Reamers



No. 145—Reamers, 1 doz. in Metal Tube
No. 148—Reamers, 1 gross in Paper
No. 150—Empty Reamer Cases

Waterproof Match Box



No. 75

Round, Seamless Brass, Nickel Plated. Size 2 1/2 x 1 3/8

Gas and Fuse Lighter



No. 120

Use No. 72 Flint for Gas Lighter. Packed 3 in envelope.

Windproof Flame Protector



No. 170 Flame Protector

For use on all Justrite Wire and Polygon Valve Feed Cap Lamps; also Lamps No. 95 and No. 100.



No. 171 Flame Protector

For use on all "Victor" and "Acme" Lamps.

To Operate Pull back Trigger and release



ACCESSORIES - Continued

Waterproof Miners' Hat



No. 232

Black oil cloth, wide rim, with soft cotton lining and ear flaps. Metal and fibre shield. For round hook lamps.

Cap Shield



No. 233

Metal and Fibre

Can Be Used on Any Cap or Hat

Canvas Caps

For Round Hook Lamps
Metal and Fibre Shield

No. 234 Brown Canvas

No. 235 White Canvas



No. 65

Lamp Clip

A black enameled steel clip for holding Cap Lamps in rigid position. Can be easily attached to miner's cap or hat.

JUSTRITE REPAIR OUTFITS

For
Miners' Carbide Lamps

Heavy Cardboard Box, Covered Waterproof Paper, Reinforced Corners. Strong and Durable.

Contents No. 2 Repair Outfit

- 3 Doz. No. 60 Gaskets.
- 3 Doz. No. 62 Felts.
- 1 Doz. No. 64 Felt Holders.
- 2 Doz. No. 66 Lava Tips.
- 2 Doz. No. 28 Jewel Burner Tips.
- 1 Doz. No. 172 Flint.
- 1 Doz. No. 173 Springs.
- 1 Doz. No. 174 Screw Caps.
- 1 Doz. No. 182 Hexagon Nut.
- 1 Doz. No. 177 Lighters, complete.
- 1 Doz. No. 37 Tip Cleaners.



Contents No. 1 Repair Outfit

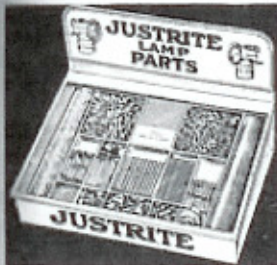
- 6 Doz. No. 60 Gaskets.
- 6 Doz. No. 62 Felts.
- 1 Doz. No. 64 Felt Holders.
- 3 Doz. No. 66 Lava Tips.
- 3 Doz. No. 28 Jewel Burner Tips.
- 3 Doz. No. 172 Flint.
- 1 Doz. No. 173 Springs.
- 1 Doz. No. 174 Screw Caps.
- 1 Doz. No. 182 Hexagon Nut.
- 1 Doz. No. 177 Lighters, complete.
- 2 Doz. No. 37 Tip Cleaners.



Handsome Metal Show Case with Cover Sliding Drawer Opening Back. White Enamel Finish.

Contents No. 3 Repair Outfit

- 100 No. 60 Gaskets.
- 100 No. 62 Felts.
- 12 No. 64 Felt Holders.
- 144 No. 66 Tips.
- 144 No. 28 Jewel Burner Tips.
- 36 No. 32 Tip Cleaners.
- 72 No. 37 Tip Cleaners.
- 12 Valve Stems.
- 72 No. 145 Reamers.
- 24 No. 177 Lighters.
- 48 No. 172 Flint.
- 24 No. 173 Springs.
- 24 No. 174 Screw Caps.
- 12 No. 178 Forks and Nuts.
- 6 No. 181 Water Caps.
- 24 No. 182 Hexagon Nuts.

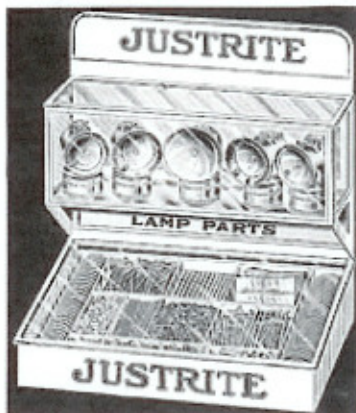




CARBIDE LAMP AND REPAIR PART DISPLAY CABINET

Description

A handsome metal case finished in white enamel. Sliding drawer, opening from the back. Glass cover and glass enclosed show case with hinged door at back. Room for 5 sample lamps. Made of steel, 15 inches wide, 10 1/2 inches deep, 15 inches high. Strong, durable and convenient. Sold only with Lamp Assortment No. 4 and No. 8.



Repair Parts

- | | |
|-------------------------|----------------------------|
| 100 No. 60 Gaskets. | 72 No. 145 Runners. |
| 100 No. 62 Felts. | 24 No. 172 Lighters. |
| 32 No. 64 Felt Holders. | 48 No. 172 Flints. |
| 144 No. 66 Tips. | 24 No. 173 Springs. |
| 144 No. 28 Tips. | 24 No. 174 Screw Caps. |
| 24 No. 25 Tip Cleaners. | 12 No. 176 Forks and Nuts. |
| 12 No. 17 Tip Cleaners. | 6 No. 181 Water Caps. |
| 12 Valve Steams. | 24 No. 182 Hexagon Nuts. |

Assortment No. 4

5 Dozen Lamps and Repair Parts in Display Cabinet

- 1 Dozen No. 407 Lamps, Polished Brass 2 1/2-inch Ref. Lamp only.
- 1 Dozen No. 85 Lamps, Polished Brass 2 1/2-inch Ref. with No. 77 Carbide Can.
- 1 Dozen No. 57 Lamps, Polished Brass 2 1/2-inch Ref. with Extra Bottoms.
- 1 Dozen No. 467 Lamps, Polished Brass 3 1/2-inch Ref. Lamp only.
- 1 Dozen No. 787 Lamps, Polished Brass 2 1/2-inch Ref. Driver's Lamp.
- 1 Dozen No. 409 Lamps, Nickel-plated 3 1/2-inch Ref. Lamp only.
- 1 Dozen No. 409 Lamps, Nickel-plated 3 1/2-inch Ref. Lamp only.

Assortment No. 8

5 Dozen Lamps and Repair Parts in Display Cabinet

- 1 Dozen No. 707 Lamps, Polished Brass 2 1/2-inch Ref. Lamp only.
- 1 Dozen No. 704 Lamps, Polished Brass 2 1/2-inch Ref. with No. 77 Carbide Can.
- 1 Dozen No. 703 Lamps, Polished Brass 2 1/2-inch Ref. with Extra Bottoms.
- 1 Dozen No. 267 Lamps, Polished Brass 3 1/2-inch Ref. Lamp only.
- 1 Dozen No. 797 Lamps, Polished Brass 2 1/2-inch Ref. Driver's Lamp.
- 1 Dozen No. 209 Lamps, Nickel-plated 2 1/2-inch Ref. Lamp only.
- 1 Dozen No. 269 Lamps, Nickel-plated 3 1/2-inch Ref. Lamp only.



METAL MINERS' LAMPS

With Lighter Attachment

Half-Shift Lamp

With Adjustable Candlestick and Steel Hook

Concave Permanent Reflector
2 1/2-inch Diameter

Description

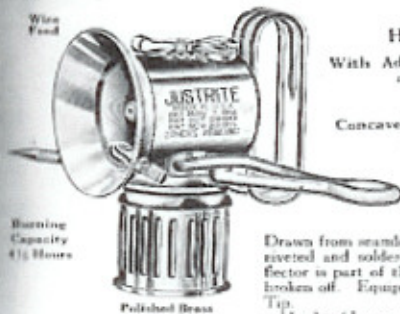
Drawn from seamless brass. Attached parts are riveted and soldered inside. Deep concave Reflector is part of the lamp; cannot get loose or be broken off. Equipped with No. 26 Jewel Burner Tip. Height of Lamp, 4 1/2 inches. Weight, 9 ounces. Diameter Bottom, 2 inches. Candle Power, 18.

- No. 192—Lamp Only
- 100—With No. 77 Carbide Can

Candlestick Attachment

- No. Price
- 35—1 1/2-in. Hard Steel, 9 1/2-in. long. Each

Wire Feed



Burning Capacity
4 1/2 Hours

Polished Brass

- No. Price
- 204—Lamp Only



Wire Feed

Burning Capacity
4 1/2 Hours

Price



Half-Shift Lamp

With Adjustable Candlestick, Hook and Folding Handles

Concave Permanent Reflector
3-inch Diameter

Description

Drawn from seamless brass. Attached parts are riveted and soldered inside. Deep concave Reflector is part of the lamp; cannot get loose or be broken off. Equipped with No. 26 Jewel Burner Tip.

Height of Lamp, 4 1/2 inches. Weight, 12 ounces. Diameter Bottom, 2 1/2 inches. Candle Power, 18.

Price

Repair Parts

- | | |
|---------------------------------|-----------------------------------|
| No. 35—Candlestick (see above). | No. 26 Jewel Burner Tip. |
| No. 69—Extra Bottom. | No. 64 Felt Holder. |
| No. 60—Rubber Gasket. | No. 79 Valve Steam. |
| No. 62—Felt Packing. | No. 172 Extra Flints for Lighter. |
| | No. 177 Lighter, complete. |

Trade "ACME" ^{Mark} STEEL CARBIDE LAMP

Rust-Proof Heavily Tinned

Half-Shift Size

A strong and sturdy steel lamp, built to give service. Constructed with the dependable and regulative POLYGON Water Feed and a REFLECTOR that cannot easily be bent or broken.

Equipped with the No. 28 Jewel Burner Tip and FLAME PROTECTOR. The use of this protector makes the flame drip-proof as well as wind-proof and is particularly useful in wet mines.



No. 50 With Bail and Hook



No. 171—Flame Protector
Drip and Wind Proof

Price

Specifications on page 23. Supply Parts on page 24

Trade "ACME" ^{Mark} STEEL CARBIDE LAMP

Rust-Proof Heavily Tinned

Half Shift Size

Specifications of

Acme Steel Lamps Nos. 50 and 56

Burning Capacity—5 to 6 hours.

Candle Power—18

Weight—18½ ounces.

Charge—3 ounces Carbide.

Height of Lamp—5½ inches.

Height to Top of Bail—7½ inches.

Diameter Bottom—2½ inches.

Diameter Reflector—3 inches.



No. 56 With Folding Handles

Price

Supply Parts on page 24

Supply Parts

for

Trade "ACME" Mark STEEL CARBIDE LAMP

- | | |
|-----------------------------|-------------------------------|
| No. 51 - Carbide Container. | No. 196 - Knurled Nut. |
| No. 52 - Felt. | No. 301 - Nickel Reflector. |
| No. 53 - Felt Holder. | No. 84 - Bail and Hook. |
| No. 54 - Reflector Brace. | No. 28 - Jewel Burner Tip. |
| No. 55 - Ball Screws. | No. 177 - Lighter, complete. |
| No. 59 - Valve Stems. | No. 172 - Flints for Lighter. |
| No. 61 - Gasket. | No. 171 - Flame Protector. |



No. 61 - Gasket



No. 52 - Felt



Tip
made of
burner
pieces of the
break or
out.



No. 53 - Felt Holder



No. 301
3" Nickel Reflector
Knurled Nut
(included)



No. 196
Knurled Nut



No. 54 - Reflector Brace

ALUMINUM MINERS' LAMPS

The "Uncle Sam"

Seamless Aluminum

Removable Spiral Valve Stem

Description

Strong and substantial to stand hard usage and knocks, yet light - the shell is 1/4 inch Cast aluminum. Steel Bail, Hook and Toggle Lock. Simple, nothing to slug or get out of order. Has the new spiral valve stem water feed that feeds the water evenly and steadily, unaffected by shaking or jarring, and uses up every bit of the carbide. No. 324 Umbrella Attachment for wet mines.



	No. 306	No. 308
Capacity	6 Hours	8 Hours
Height of Lamp	5 1/2 Inches	6 Inches
Diameter Bottom	3 1/2 Inches	3 1/2 Inches
Weight	31 Ounces	38 Ounces
Candle Power	18	20
Diameter Reflector	3 Inches	3 Inches
Carbide Charge	6 Ounces	8 Ounces

No.	Price
306 - With Reflector. 6 Hour Capacity	..
308 - With Reflector. 8 Hour Capacity	..

Repair Parts for "Uncle Sam" Lamps

No. 316 - Gasket for No. 308 Lamp.	No. 346 - Valve Stem for No. 308 Lamp.
No. 318 - Gasket for No. 306 Lamp.	No. 348 - Valve Stem for No. 306 Lamp.
No. 320 - Screens for No. 306 Lamp.	No. 326 - Reflectors for Nos. 306-308 Lamps.
No. 328 - Screens for No. 308 Lamp.	No. 376 - Locking Clamp for No. 306 Lamp.
No. 336 - Tip Protector for All Lamps.	No. 378 - Locking Clamp for No. 308 Lamp.
No. 344 - Tip and Pillar for All Lamps.	No. 356 - Water Cap and Spring for All Lamps.
No. 334 - Tip only, for All Lamps.	No. 366 - Carbide Container for No. 306 Lamp.
No. 324 - Umbrella for All Lamps.	No. 368 - Carbide Container for No. 308 Lamp.

ALUMINUM MINERS' LAMPS



No. 110 6 Hour Capacity

Price

The "Little Giant"

Removable Spiral Valve Stem

Made of 1/2-inch Seamless Aluminum in one size only 6-hour capacity. Reflector is part of the lamp; cannot be broken off. Equipped with steel bail and hook and has large screw threads for fastening the top and bottom together. It is wonderfully simple, sturdily constructed and easy to operate. Has only a few extra parts. Low maintenance cost.

Specifications

Height of Lamp 5 1/2 inches.
Diameter Reflector 3 inches.
Diameter Bottom 3 1/2 inches.
Weight 31 ounces.
Charge 5 ounces.
Candle Power 18.

Repair Parts

No. 114 Rubber Gasket.	No. 154 Tip Protector.
No. 128 Filtering Screen.	No. 117 Extra Bottom.
No. 115 Wire Gause.	No. 156 Water Cap and Spring.
No. 154 Lava Tip.	No. 168 Bail and Hook.
No. 116 Top and Pillar.	No. 165 Valve Stem.
	No. 335 Ball Screws.

THE *Justrite* ACETYLENE LANTERN



No. 12

Automatic
Generation

The Favorite
Camp Light

Light in Weight

Excellent for
All
Outdoor Uses

Gives a 20 candle-power light. Burns 3 to 4 hours with 3 ounces of carbide. Flame is controlled by the valve and can be turned high or low or extinguished as desired. Made of brass throughout, nickel plated and highly polished. No complicated parts to get out of order and very easy to operate.

Equipped with self-lighter attachment. No matches required.

The most successful automatic generating acetylene lantern.

For Hunters, Sportsmen, Campers, Mine Superintendents, Inspectors, Mining Engineers, Watchmen, Timekeepers and for the Automobile.

Superior in any portable light in cleanliness, safety and candle-power.

No. 12 - Lantern

Price

Equipped with Bull's Eye Lens and Reflector.

Repair Parts

No. 128.41 Bull's Eye Lens.	No. 128.4 Valve and Tip.
No. 128.67 Burner Tip.	No. 128.5 Valve Stem.
No. 128.6 Water Container.	No. 128.7 Felt.
No. 128.2 Carbide Container (2 Shells).	No. 128.9 Lighter, Complete.
No. 128.3 Dome.	No. 172 Flint for Lighter.
No. 128.79 Globe.	No. 173 Spring for Lighter.
No. 128.81 Rubber Gasket.	No. 174 Screw Cap for Lighter.
No. 128.8 Reflector.	

REPAIR PARTS FOR No. 12 LANTERN



Rubber Gasket
No. 12L61



Globe
No. 12L70



Bottom-Water Shell
No. 12L5



Lava Burner Tip
No. 12L67



Ball's Eye Lens
No. 12L11



Reflector
No. 12L8



Dome
No. 12L3



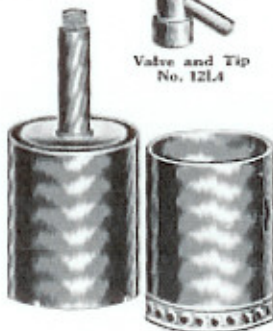
Lighter Complete
No. 12L9



Valve Stem
No. 12L5

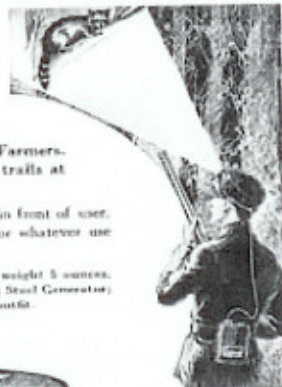


Valve and Tip
No. 12L4



Outside Shell Inside Shell
Carbide Container
No. 12L2 (2 Shells)

THE
Justrite
HUNTER'S HEADLIGHT



For Hunters, Trappers, Fishermen, Farmers. Also ideal for traveling over mountain trails at night.

Throws light distance of 200 feet directly in front of user, just where it is needed. Both hands free for whatever use required.

IMPORTANT FEATURES: Light Hood Lamin, weight 5 ounces. Self Lighter Attachment; Covered Rubber Hose; Steel Generator; Burning Capacity, 10 hours; Belt included with outfit.



No. 44 Price
Cap not included with outfit. Order separately. Specify size. See No. 234 caps and No. 233 cap shield, page 18.

Special Concentrating Lens



No. 49
Sold as Separate Attachment

REPAIR PARTS

- No. 48C Carbide Container.
- No. 49W Water Tank.
- No. 49F Filtrating Pelt.
- No. 42S Screen.
- No. 48L Head Lamp.
- No. 48V Valve Stem.
- No. 41 Canvas Belt.
- No. 42 Hose, 4 feet.
- No. 42B Pins (per pair).
- No. 41 Rubber Gasket.
- No. 45 Burner Tip.
- No. 45B Tube and Tip.
- No. 47 Locking Clamp.
- No. 48 Regular Lens.
- No. 49 Special Lens.
- No. 172 Flints for Lighter.



ACETYLENE CAMP STOVE

No. 11



No. 11 Stove



One of the most compact camp stoves — just the thing for the auto tourist, picnicker, camper, hunter and sportsman. Also excellent for the motor boat and yachting trip.

Acetylene gas produces the most intense heat. 10 ounces carbide yields enough gas to cook a meal. Constructed very strong — simple and economical to operate.

Superior in Cleanliness — can be packed under auto seat or with the camping outfit without danger of spoiling food or clothing. Stove complete in round metal container 18 inches long, 5 inches diameter. Shipping weight, 6 pounds.

REPAIR PARTS

- No. 11C1 - Valve, Complete.
- No. 11C2 - Burner Tip.
- No. 11C3 - Gas Tip.
- No. 11C4 - Hose.

- No. 11C5 - Felt Holder.
- No. 11C6 - Cotton Packing.
- No. 11C7 - Carbide Container with Valve.
- No. 11 - Felt.

JUSTRITE HUNTER'S HEADLIGHTS

For Hunters, Trappers, Fishermen, Farmers. Also ideal for traveling over mountain trails at night.



No. 38. Lamp, cup and reflector included.

Price
Order Cups Separately—Specify Size
 This lamp 2 inches highly polished reflector. Burns 2 1/2 hours on one charge of carbide. Hand lamp complete weighs only 4 1/2 lbs., full included with outfit. Weight complete 2 lbs. 8 oz.

Thrusts penetrating columns of light to hundreds of feet with ease.



No. 36. Lamp, cup and reflector included. Order Cups Separately Specify Size

- No. 31. Bottom
- No. 38. Holder Bracket
- No. 42. Felt Packing
- No. 44. Felt Holders
- No. 28. Burner Tip
- No. 28. Valve Stem
- No. 1001. Large Reflector



No. 44A. Lamp, cup and reflector included.

Order Cups Separately—Specify Size
 Light Head Lamp only weighs 2 lbs. 12 ounces, including cup, for night use. Requires 4 ounces carbide. Burner, carbide gas valve, burner & holder on one charge of carbide. Full included with outfit.
 Particularly useful for hunting, trapping and traveling over mountain trails. It is always in front of you where you need it.

Special Concentrating Lens for No. 44A Lamp only



No. 44A-Lens as Separate Attachment

REPAIR PARTS

- No. 2011. Large Reflector and Burner
- No. 2012. Small Reflector and Burner
- No. 2013. Reflector
- No. 2014. Holder Cups
- No. 11A1. Generator
- No. 11A2. Carbide Container
- No. 11A3. Rubber Hose
- No. 11A4. Bell
- No. 11A5. Hose Pin
- No. 28. Burner Tip
- No. 32. Felt
- No. 33. Felt Holder
- No. 28. Valve Stem
- No. 61. Gasket

- No. 44A. Generator complete
- No. 44A2. Carbide Container
- No. 44A3. Tube and Tip
- No. 44A4. Burner Lamp
- No. 44A5. Regular Lens
- No. 44A6. Burner Tip
- No. 44A7. Gas Valve
- No. 44A8. Lighter Pin
- No. 44A9. Rubber Hose
- No. 44A10. Special Lens
- No. 44A11. Hose Pin
- No. 52. Felt
- No. 53. Felt Holder
- No. 59. Valve Stem
- No. 61. Gasket
- No. 67. Burner Tip
- No. 112. Felt Tip Type
- No. 174. Burner Cup

JUSTRITE MANUFACTURING COMPANY, CHICAGO, U. S. A.

Justrite
TRADE MARK

ACETYLENE CAMP STOVE

No. 11



No. 11 - Stove



One of the most compact camp stoves—eat the three for the auto tourist, picnicker, camper, hunter and sportsman. Also excellent for the motor boat and yachting trip.

Acetylene gas produces the most intense heat. 10 ounces carbide yields enough gas to cook a meal. Constructed very strong—simple and economical to operate.

Superior in Cleanliness—can be packed under auto seat or with the camping outfit without danger of spoiling food or clothing. Stove complete in round metal container 19 inches long, 5 inches diameter. Shipping weight, 6 pounds.

REPAIR PARTS

- | | |
|---------------------------|--|
| No. 11 A—Valve, complete. | No. 11 C—Cup Holder. |
| No. 11 B—Burner Tip. | No. 11 D—Carbide Packing. |
| No. 11 E—Gas Tip. | No. 11 F—Carbide Container with Valve. |
| No. 11 G—Hose. | No. 11 H—Screw. |

JUSTRITE MANUFACTURING COMPANY, CHICAGO, U. S. A.



The Handy Iron for Solder Work



The Handy Iron for Solder Work

Justrite
TRADE MARK
SOLDERING IRON
AND
BLOW TORCH
No. 19



Chamber for
Denatured
Alcohol

Alcohol
Safe

The Handy Tool For Anyone

No stoves, charcoal pots, paraffin and pressure systems, or expensive electric irons are required to do the small job. Just charge with denatured alcohol and in a few minutes your iron is ready for use.

An indispensable tool for Garages, Tin-Smiths, Plumbers, Electricians and mechanics in general.

Automobile owners and home owners will find it the handiest tool in their kit. It is an educational tool for the boy. He can solder to his heart's content.

Justrite Soldering Irons packed complete with Special Ammoniac and Solder.

Weight—15 ounces each.
Price—

Repair Parts

- No. 1954—Copper Point.
- No. 1952—Burner Tube.
- No. 1953—Burner Tip.
- No. 1954—Filling Cap.
- No. 1955—Cleaning Wire.
- No. 1957—Priming Cup.
- No. 1958—"Justrite" Flux Solder.
- No. 1959—Special Sal Ammoniac.



The Handy Iron for Solder Work



The Handy Iron for Solder Work



The Handy Iron for Solder Work



The Handy Iron for Solder Work



The Handy Iron for Solder Work



The Handy Iron for Solder Work



The Handy Iron for Solder Work



EXPORT PRICE GUIDE

No. 23—Catalogue No. 4

DECEMBER 15, 1923

*Justrite Carbide Lamps and Accessories,
Camp Stove and Soldering Iron*

O. B. _____ Packing for Export Included.

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

NOTE: Catalogue numbers are arranged consecutively under each heading.

Article	Price Each	Page	No.	Article	Price Each	Page
Camp Stove	\$ 6.00	30	407	Lamp	\$ 1.35	6
Lantern	7.40	27	409	Lamp	1.55	6
Soldering Iron	2.50	31	466	Lamp	1.80	6
Hunter's Headlight	6.10	29A	467	Lamp	1.40	6
Lamp	3.60	29A	469	Lamp	1.65	6
Lamp	4.00	29A	601	Lamp	1.35	9
Hunter's Headlight	6.10	29	662	Lamp	1.30	9
Lamp	3.75	22	663	Lamp	1.55	9
Lamp	3.60	23	666	Lamp	1.40	9
Lamp	1.60	6	668	Lamp	1.65	9
Lamp	1.90	6	701	Lamp	1.60	7
Lamp	3.90	12	703	Lamp	1.90	7
Lamp	1.50	6	704	Lamp	1.50	7
Lamp	1.70	6	707	Lamp	1.35	7
Hunter's Headlight	10.00	29A	709	Lamp	1.55	7
Lamp	2.50	11	727	Lamp	1.40	7
Lamp	1.95	11	729	Lamp	1.60	7
Lamp	1.95	21	767	Lamp	1.40	7
Lamp	2.10	21	769	Lamp	1.65	7
Lamp	7.20	26	787	Lamp	1.70	10
Lamp	2.35	21	927	Lamp	1.55	8
Lamp	5.00	25	929	Lamp	1.80	8
Lamp	Discontinued	25	967	Lamp	1.60	8
			969	Lamp	1.85	8