

plus
Prices 33 1/2 and 90



SIGNS FOR WARTIME

- "TRIPOD" PORTABLE WARNING SIGN
- PORTABLE ISLAND SITE, WITH SIGNS
- REFLEX RECEDING ROAD STUD
- ROAD OR "CROSS" LAMPS FOR OIL, GAS OR ELECTRICITY
- STANDARD COWLS FOR ALL TYPES OF (OIL) ROAD LAMPS
- "CROSS" COWLS FOR ALL TYPES OF (OIL) ROAD LAMPS
- SAFETY POSTS, REFLEX STRIPS, DISCS AND REFLECTORS
- BRITISH STANDARD (BS/ARP/32) A.R.P. SIGNS
(Illuminated and Non-illuminated)
- COWLS FOR SIGNS AND BOLLARDS

July,
1940

INVOICE

WALSALL 4867/8

GOWSHALL LIMITED

TRAFFIC & ILLUMINATING ENGINEERS

ST. PAULS STREET, WALSALL, STAFFS

London Office and Works:

14/15 Lamb's Conduit Passage, Red Lion Square, London, W.C.1

Telephone: CHANCERY 7042 & 7045



①

"TRIPOD" PORTABLE WARNING SIGN

DESIGNED TO REGULATE AND/OR DIVERT TRAFFIC WHERE DAMAGE HAS BEEN CAUSED, OR TO PROVIDE A READY AND IMMEDIATE MEANS OF TRAFFIC CONTROL.

This device can be quickly erected and may be floodlit at night by means of the oil lamp illustrated. Alternatively, an ordinary road or hurricane lamp can be hung from a bracket provided for this purpose.

SPECIFICATION

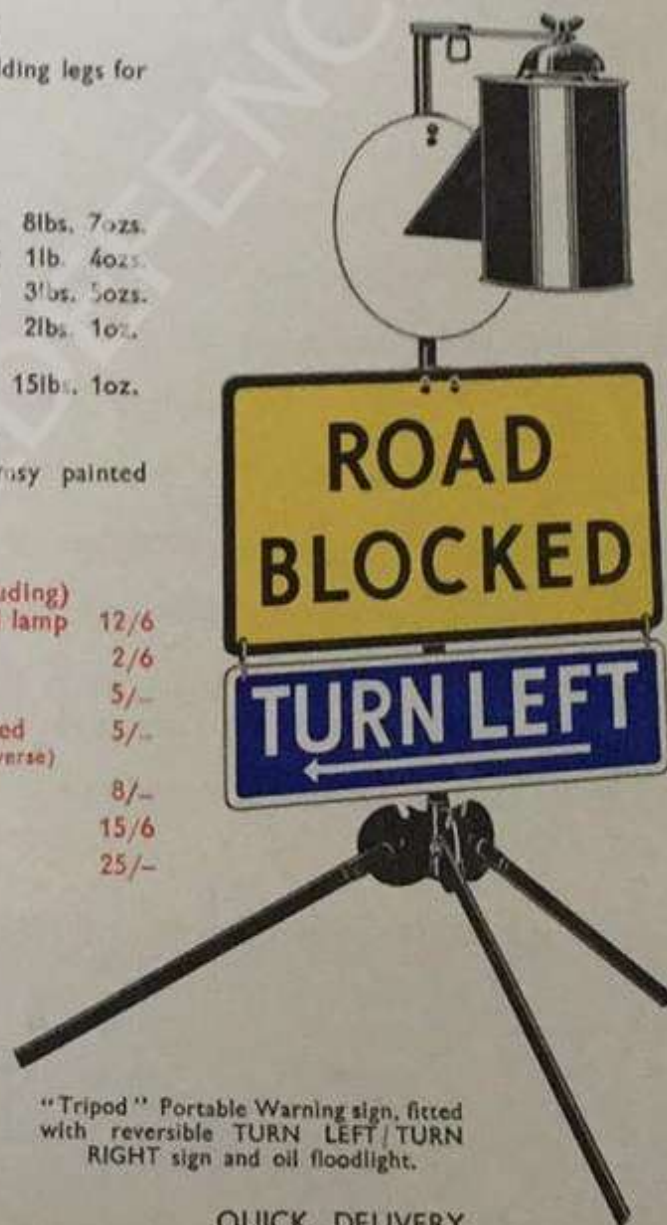
- Substantial all steel welded construction.
- Tubular steel upright with solid steel folding legs for easy transportation.
- Height—overall 4' 2"
- Width—over legs when open 2' 5"
- Weight—Tripod only 8lbs. 7ozs.
 10" dia. vitreous enamelled disc 1lb. 4ozs.
 21" x 12" " " sign 3lbs. 5ozs.
 21" x 6" " " (double sided) 2lbs. 10oz.
 Total weight 15lbs. 1oz.
- Bracket to take road or hurricane lamp.
- Vitreous enamelled signs and not flimsy painted sheet metal.

PRICES

Tripod only, ready to take (but not including) signs, disc, and road, hurricane or flood lamp	12/6
10" dia. white disc	2/6
21" x 12" vitreous enamelled sign	5/-
21" x 6" " " double-sided (TURN LEFT one side, TURN RIGHT reverse)	5/-
Plates with special lettering	8/-
Oil Floodlight, Type F/oil	15/6
Complete Sign minus lamp	25/-

Some alternative Signs for use with "Tripod" fitting:

ROAD BLOCKED
 MEN WORKING
 DANGER—ROAD UP
 TEMPORARY SURFACE
 SINGLE LINE TRAFFIC
 ROAD REPAIRS
 CAUTION—ROAD UP
 WHITE LINE PAINTING



"Tripod" Portable Warning sign, fitted with reversible TURN LEFT/TURN RIGHT sign and oil floodlight.

QUICK DELIVERY

This portable sign assembly is of particular use to Police, Military and L.D.V.

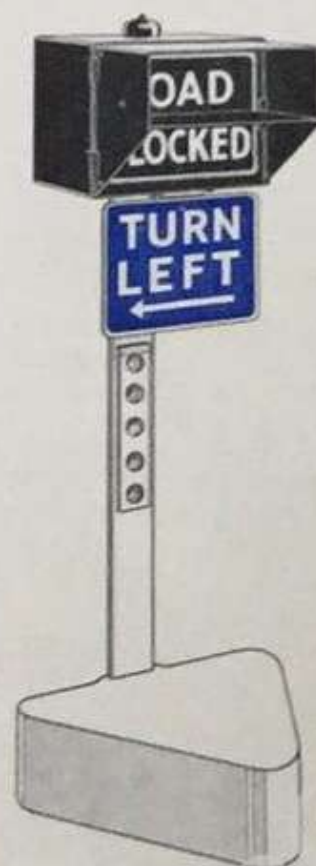
PORTABLE ISLAND SITE, WITH "KEEP LEFT" "ROAD BLOCKED" or "STOP", etc., 12" x 9" SIGN

Illumination by Oil, Battery, Gas or Electricity

2



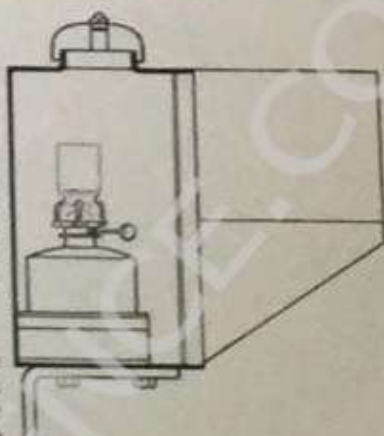
This portable assembly has been specially designed for war-time needs and to satisfy a wide demand for an adaptable and reasonably priced Island Site that can, if necessary, be illuminated without laying down gas or electricity service.



Internally illuminated Sign having reversible direction sign attached.

It can be used to replace broken or damaged bollards, to assist traffic guidance under blackout conditions or, where it is necessary, to specially direct or stop traffic.

This sign is also of particular use where road work is in progress. Any wording that is suited to the glass, (panel size 12" x 9") can be incorporated and, in addition, a double-sided supplementary sign plate (vitreous enamel on steel) can be fitted below the illuminated head.



Oil burner shown in position.

PRICES

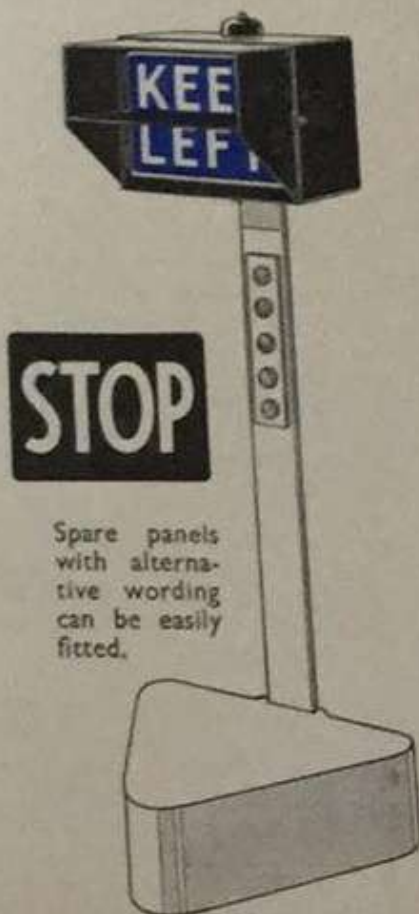
(excluding additional v.e. plate)

£4 0 0 each.

Complete with 60 hour oil burner

PRICES PER ITEM

Island Site ...	25/- each
MS Bar Support ...	7/6 each
Reflector Strip ...	7/6 each
60 hour Oil burner	5/- each
"KEEP LEFT" "STOP" or "ROAD BLOCKED" etc. Sign ...	35/- each
Double-sided TURN LEFT/TURN RIGHT V.E. Sign plate ...	5/- each



Spare panels with alternative wording can be easily fitted.

SPECIFICATION

Cast Iron Island Site, 18" x 18" x 6" deep.

Weight 65 lbs. painted white.

Mild steel bar support 3" x 1/2" section fitted with reflex strip incorporating five 1 1/2" silver lenses.

Sheet metal Sign, 12" x 9", wording as required, adequately cowled and ventilated, suitable for oil, battery, gas or electric illumination.

Hinged front frame, fitted with stencilled panel.

This Sign is particularly useful for L.D.V. purposes.

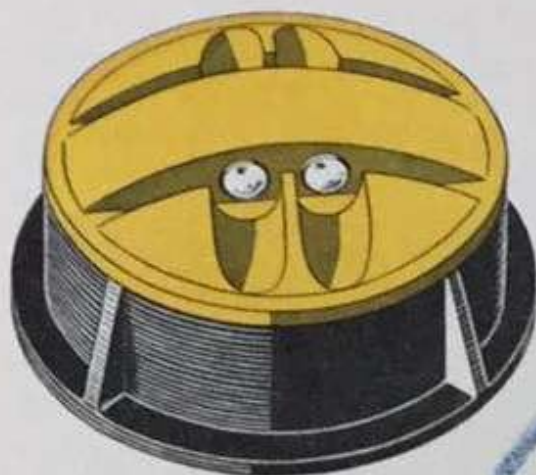
DELIVERY FROM STOCK



3

"STAR" PATENT REFLEX ROAD STUD

(Prov. Patent No. 15142/39)



"STAR" patent Receding (Reflex)
Road Stud.

SPECIFICATION

- ★ Diameter—4"
Colour—Yellow
Overall depth in ground—1 1/2"
Weight—2 lbs. 14 ozs.
4—1/2" dia. Reflex Lenses
- ★ External cover is of smooth high grade yellow rubber, (the colour obtaining throughout the thickness) which is conspicuous on the road and harbours little dust.
- ★ The rubber unit can easily be replaced, and when required, but during normal service it is held securely in position by two lugs, incorporated in the metal casing.
- ★ High grade reflectors are fitted in the dome of the external cover, which is fashioned with grooves to protect the reflectors. Care has been taken to avoid any tripping action of the foot or jamming of a bicycle tyre.
- ★ The grooves facilitate self cleaning of the reflectors.

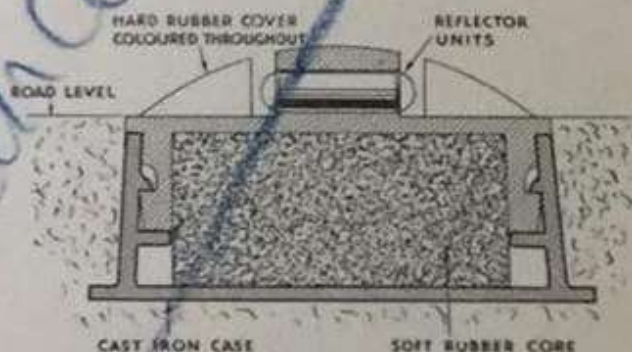
Unlike some other makes now on the market no metal surround is visible from above and the whole area of the yellow stud is exposed to view. Being 4" in diameter it provides 12 square inches of surface—as specified by the Ministry of Transport.

As will be noted from the specification, the improvement lies in the soft rubber core, with external cover of hard rubber.

Unlike solid rubber, which is subject to wear, the resilient soft rubber provides spring action, permitting the dome of the stud to recede below road level on the slightest pressure from the wheels of vehicles, bicycles or from the foot of the pedestrian.

This not only reduces wear but removes the objectionable feature of slipping from a domed surface.

When laying this stud the metal housing should be grouted in the road in the usual manner and the top of the rubber flange should be set level with the road surface.



PRICES

In lots of 1—99	...	3/4 each
100—999	...	3/3 each
1000 and over	...	3/2 each

INCLUDING DELIVERY

ROAD & "CROSS" LAMPS FOR OIL, GAS, OR ELECTRIC (including battery) ILLUMINATION

4



Our Oil lit Road Lamp can be adapted for electric and gas illumination to give the effect specified by the Home Office in their Circular No. 259 and London Regional Circular No. 65. The lamp glazing then incorporates the cross, which stands out boldly by day or night.

For Electric lighting one lampholder is fitted for a 5-watt or 15-watt sprayed lamp and a $\frac{1}{2}$ -in. conduit inlet is provided.

For Gas lighting the new "Gowshall" Low Power Gas Burner is fitted. This burner, making use of a No. 1 mantle, has the very low consumption of only .3 cubic ft. per hour and is ideal for providing the low light intensity required.

The body is stove enamelled white to make the lamp more easily visible under black-out conditions but the cowls are black. An anti-pilfer Key fixing is provided for security of lighting fittings. Easy fix glazing and excellent ventilation are features in the construction and design.



XL/O

Oil Cross Lamp.

PRICES

ROAD LAMP (Red glass) or "CROSS" LAMP.

Cross Lamp—ELECTRIC including lamp-holder XL/E,

Road Lamp—ELECTRIC including lamp-holder RL/E.

or

Cross Lamp—GAS, including "Gowshall" burner XL/G

Road Lamp—GAS, including "Gowshall" burner RL/G.

Cross Lamp—OIL, including 40 hour burner XL/O.

Road Lamp—OIL, including 40 hour burner RL/O.

In lots of 1-11 ... 13/- each

12-49 ... 12/9 ..

50 and over ... 12/6 ..

Oil lamp with 60 hour burner 1/- extra.

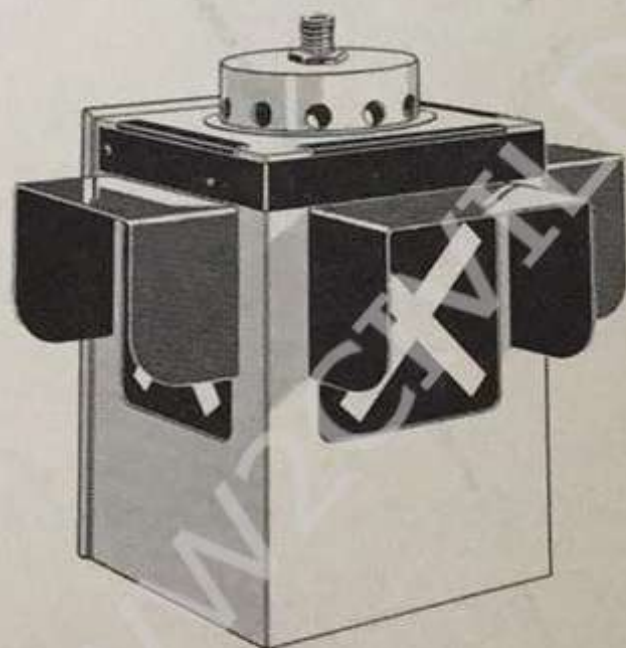
Spare glasses incorporating the cross 1/- each.

Spare set of 3 Cowls 2/-

SPECIAL NOTE—All lamps are so made that they can be converted for use as an oil-lit red danger lamp in peace time.

Separate prices on application for dry Accumulator—according to capacity of accumulator.

QUICK DELIVERY



CROSS LAMP—ELECTRIC
Screwed $\frac{1}{2}$ " Conduit

Code No.
XL/E

CROSS LAMP—GAS
Screwed $\frac{1}{4}$ " Gas

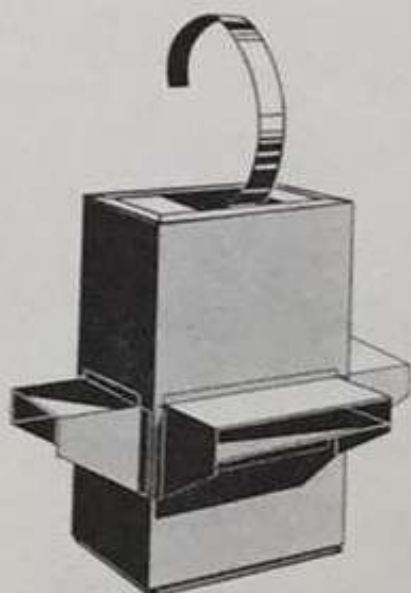
XL/G

A sliding door is provided for inspection and cleaning purposes.



5

COWLS FOR ROAD LAMPS KENYON, GEOPI & BLADEN TYPES



COWL/RL

As a result of carrying out many tests under black-out conditions the cowls now offered can be guaranteed to give the maximum warning to motorists and pedestrians whilst being absolutely invisible from the air. Our tests were conducted from the top of an 80 feet tower and it was only after many trials that this range of cowls was evolved and gave complete satisfaction.

Constructed from welded steel sheet, stove enamelled black

COWL/RL/K for Kenyon and Geopi Lamps

Size - $11\frac{1}{2}'' \times 7\frac{1}{2}'' \times 7''$

COWL/RL/B for Bladen, Sentinel and Watchman Lamps

Size - $11'' \times 6\frac{1}{2}'' \times 6\frac{1}{2}''$

Other sizes will be made as occasion arises.

PRICES

Cowl/RL - 4/6 each 1-11
4/3 .. 12-99
4/- .. 100 & over

Weight - 3 lbs.

QUICK DELIVERY



COWL 259a

We have adapted Cowl/RL to conform to the requirements laid down in the Home Office Pamphlet No. 259. Each aperture is glazed with British made opal glass or 3-ply safety glass.

Size of cross $4'' \times 4'' \times \frac{1}{8}''$

Cowls 2" long

Weight - 3½ lbs.

Other dimensions as Cowl/RL

PRICES

Cowl 259a

With opal glass

5/6

5/3

5/-

With 3-ply safety glass

6/6

6/3

each 1-11

each 12-99

each 100 & over

SPARE GLASSES, 4" square—

Opal glass

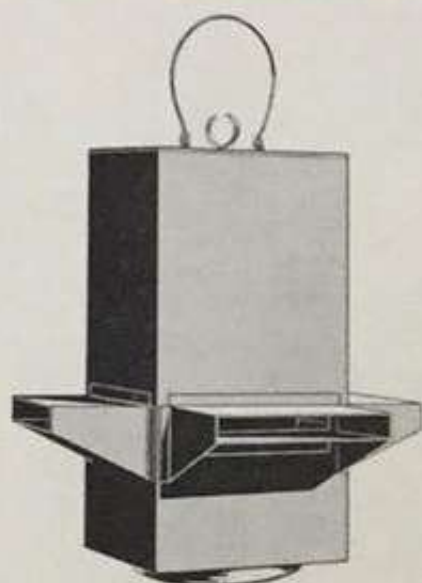
3-ply safety glass

6d. each

1/- each

HURRICANE LAMP COWLS

6



HL/BOX



COWL 259b

The Cowl illustrated above will fit over most types of Hurricane Lamps and whilst the light can clearly be seen on three sides by motorists or pedestrians, no light is visible from the air.

This model was thoroughly tested by several municipal and county authorities before being generally offered.

Made from welded sheet steel, stove enamelled black and fitted with three efficiently cowled openings. Size 5" x 1½"

PRICES

Type HL/BOX 4/6 each 1—11
4/3 each 12—99
4/- each 100 & over

Weight - 3½ lbs. Cowls - 3" long
Overall size of body 13½" x 6½" x 6½"

Home Office Pamphlet No. 259 calls for a special illuminated symbol in the form of a cross to be displayed on all Island Sites and Roundabouts where hurricane or road lamps are now in use.

We have adapted Cowl HL/BOX to suit these new requirements and aperture is glazed with British made opal glass or 3-ply safety glass.

Size of cross 4" x 4" x ½"

Cowls 2" long.

Weight - 4 lbs.

Other dimensions as Cowl HL/BOX.

PRICES

Cowl 259b

With opal glass	With 3-ply safety glass	
5/6	6/9	each 1—11
5/3	6/6	each 12—99
5/-	6/3	each 100 & over

SPARE GLASSES, 4" square—

Opal glass 6d. each
3-ply safety glass 1/- each

1207



7

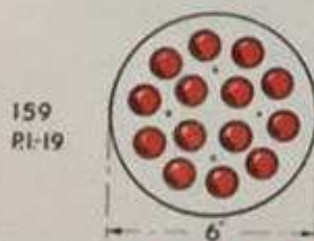
SAFETY POSTS, REFLEX STRIPS & DISCS

Numbers 150 and 150T. are fitted with our "Beacon" cluster lens, $1\frac{1}{2}$ " dia., the latter is made for securing to lamp posts or by means of the steel tape listed below.

Numbers 156 to 157 are all made from castings stove enamelled red, number 159 is white. All discs and strips can be supplied with crystal lenses and white background if required.



Weight. Price.
each. *Prismatic lens*
 $1\frac{1}{2}$ oz. $1/-$ with *prismatic lens*
 $1\frac{1}{2}$ oz. $1/6$ with *prismatic lens*



159
Pl-19

159 with *159/B*
Comet "Beacon" lens, cluster lens.
 $8/-$ *159/B*
 $7/6$ *159/B*
 $7/-$ *159/B* in lots 50 over.

Weight 20 oz.



156

156 *Prismatic lens*
with *Comet "Beacon" lens*
lens. *cluster lens*
 $2/-$ *156/B*

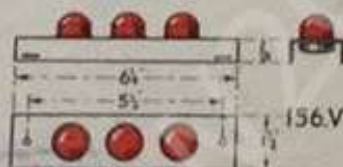


156A

156/A *156/B*
 $2/6$ *156/B*
157 *157/B*
 $3/-$ *157/B*



157



156V

No. 156/V is a steel pressing either vitreous or stove enamelled specially made for A.R.P. work, it may be fixed either with screws or rust-proofed steel tape. Red lenses on Red ground or crystal lenses on White ground.

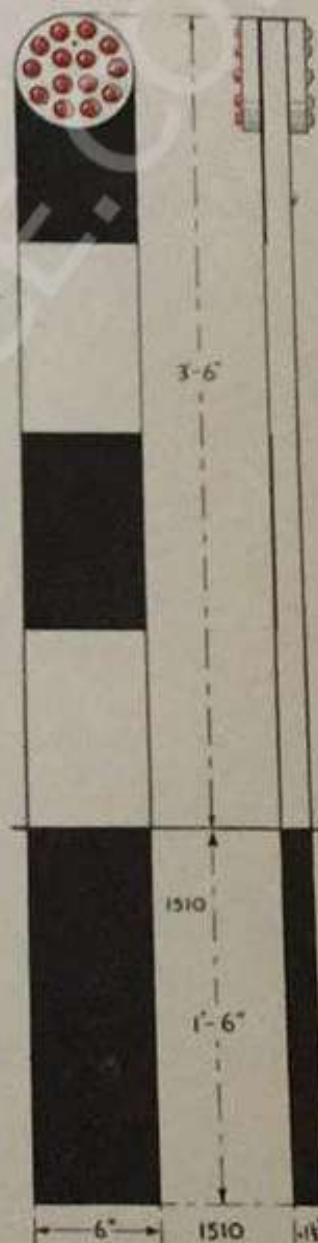
Vitreous enamelled. *Stove enamelled.*

Comet lens. *"Beacon" lens.* *Comet lens.* *"Beacon" lens.*

156/V 2/- each. *156/V.B. 1/10 each.* *156/S 1/10 each.* *156/S.B. 1/8 each.*

Rust-proofed steel tape for fixing above. Price $20/-$ per 500 ft. roll.

Buckles for securing steel tapes. Price $12/-$ per gross.



Ministry of Transport
Safety Posts made from
seasoned Hardwood.

1510, weight $16\frac{1}{2}$ lb., with
two No. 159 discs.
 $27/6$ each.

1511, weight $15\frac{1}{2}$ lb., with
one No. 159 disc.
 $20/-$ each.

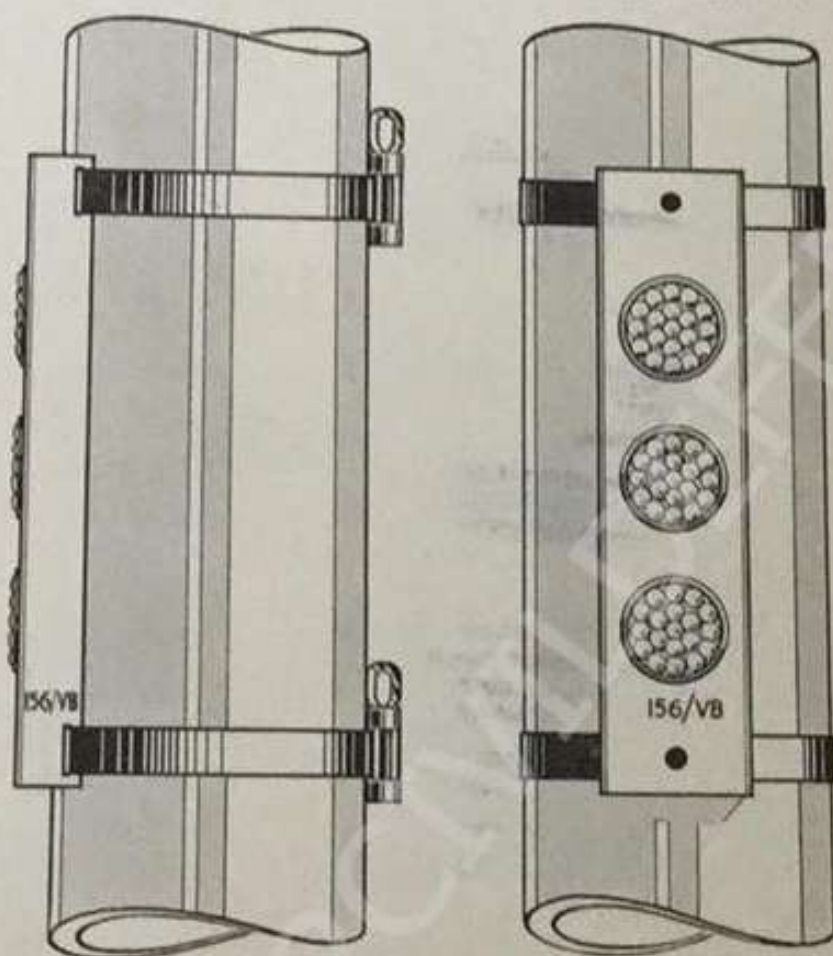
REFLEX STRIPS

8



Reflex strips are indispensable now that the Defence of the Realm Act is being enforced regarding public lighting. These strips can be supplied with "Comet" bi-convex or "Beacon" cluster lenses.

A simple form of attachment to existing lighting column is shown below and uses a rustproofed steel tape locked in position by special turn buckles.



Plan view showing how the reflex strip is secured to a tubular column.

PRICES

★ No. 156/V., with three "Comet" Lenses, either red or white vitreous enamelled
2/- each.

★ No. 156/S., stove enamelled ... 1/10 each.

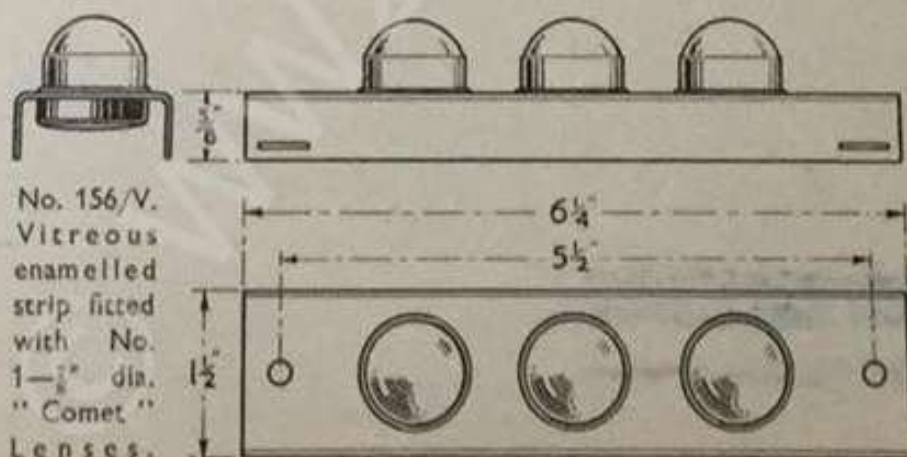
No. 156/VB., with three "Beacon" cluster Lenses, either red or white, vitreous enamelled ... 1/10 each.

156/SB., stove enamelled
1/6 each.

Rustproofed steel tape, price 20/- per roll of 500 feet.

Buckles ... 12/- per gross.

★ DELIVERY FROM STOCK



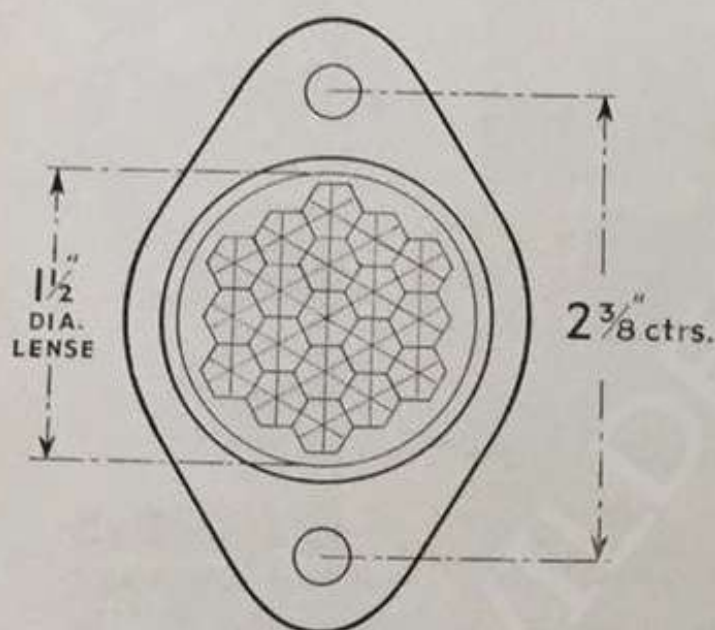
No. 156/V.
Vitreous
enamelled
strip fitted
with No.
1— $\frac{1}{2}$ " dia.
"Comet"
Lenses.



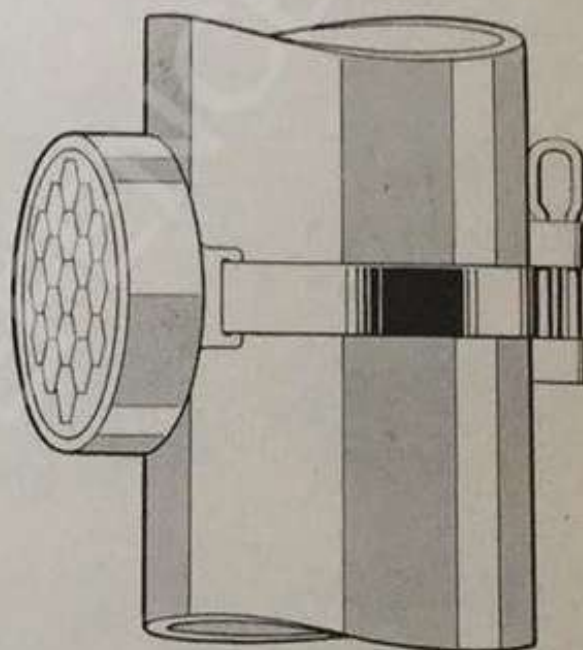
9

REFLECTORS FOR FITTING ON TREES, LAMP COLUMNS & OTHER ROADSIDE OBSTRUCTIONS

Lighting restrictions necessitate obstructions in the centre and at the sides of roads being clearly marked and the reflectors shown below have been specially adapted for this purpose.



150



150/T

No. 150 is a brass pressing, fitted with a prismatic reflector and can be supplied either in red or white

150/T is similar to No. 150 but is attached to any shape of post by means of a steel tape and buckle.

PRICES

~~10d.~~ each 1/4 each.

If fitted with a powerful "Beacon" cluster lens

1/- each.

Weight - 1 1/2 ozs.

PRICES

~~with either white prismatic lens~~

~~10d.~~ each

with cluster lens

1/- each.

Weight - - - 1 1/2 ozs.

Rustproofed steel tape in rolls of 500 ft.
20/- per roll

Buckles - 12/- gross

BRITISH STANDARD A.R.P. SIGNS
as specified in B.S./A.R.P./32.

10



These Signs comprise best quality British made **Vitreous Enamelled Steel** plates, having white letters on black ground.

Below we give details of the standard Signs, the figures being as those in the official specification.



PRICES

Vitreous Enamelled Steel
BRITISH STANDARD A.R.P.
SIGNS—Single Sided Signs.
Size 24" x 12" with 4 fixing
holes.

In Lots of 1-11	each 4/3
In Lots of 12-49	4/1
In Lots of 50 and over	4/-

Double-sided Signs with one
end flanged and holed for
fixing to wall, wooden or
tee iron post, or to brackets
for tubular posts.

FOR FIXING DETAILS SEE
PAGE 12.

In Lots of 1-11	each 8/-
In Lots of 12-49	7/10
In Lots of 50 and over	7/9

FOR LIGHTING FITTINGS, BRACKETS
& CLIPS, SEE PAGE 14.





11

Externally illuminated, electric, vertical and
horizontal—single-sided
COWLED LIGHTING FITTINGS
for B.S./A.R.P. 32 SIGNS.



32/EX
Vertical
Fig. 6
For Wall Fixing

PRICES

For single sided fittings.

	Lighting Fitting only.	Complete with Sign and Wall bracket or Clips for 3", O.D. Post	
In Lots of 1—11	9/6	15/-	} 100%
" 12—49	9/-	14/6	
" 50 and over	8/9	14/3	

All fittings include one lampholder but lamps are not included in the above Prices. For prices of vitreous enamelled steel plates see page, 10.

These fittings are of welded sheet steel construction and are finished in stoved black enamel.

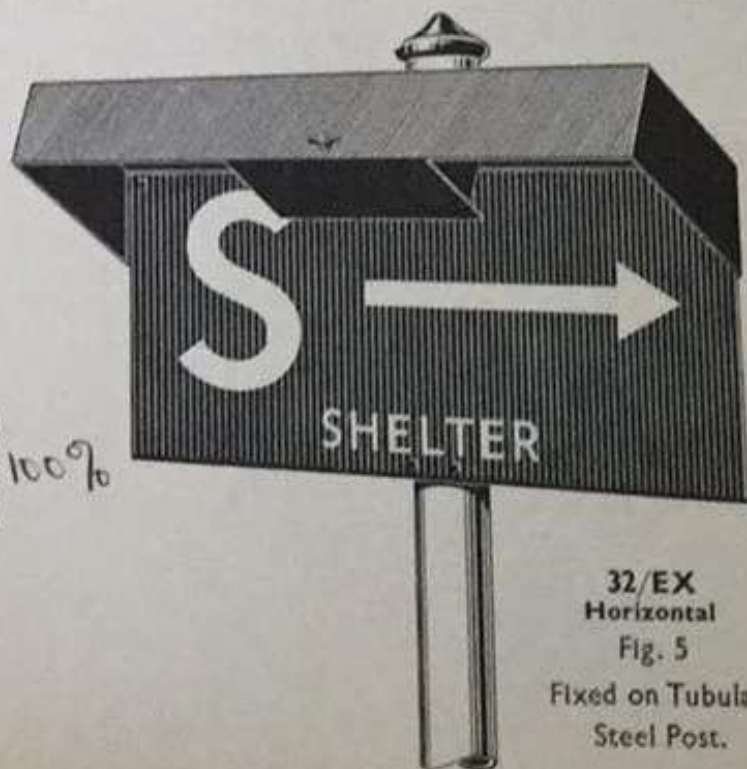
Great care has been taken to arrive at the correct aperture for light emission and even light defusion on the plate only is obtained by the inclusion of special defusing material. There is **NO** stray light.

The lighting fitting is designed to use a 15 watt pearl G.L.S. Lamp (or 12 volt 6 watt can be used with battery plants) and our design has been directed towards very easy access to the lamp—for replacement purposes. A simple anti-pilfer device secures the lamp.

One screw only has to be removed, the lamp housing then sliding away to leave the lamp in the holder attached to the cowl.

Provision is made for fixture to wall or wooden post, or brackets and clips can be provided for attaching the lighting fitting and plate to tubular steel posts, etc.

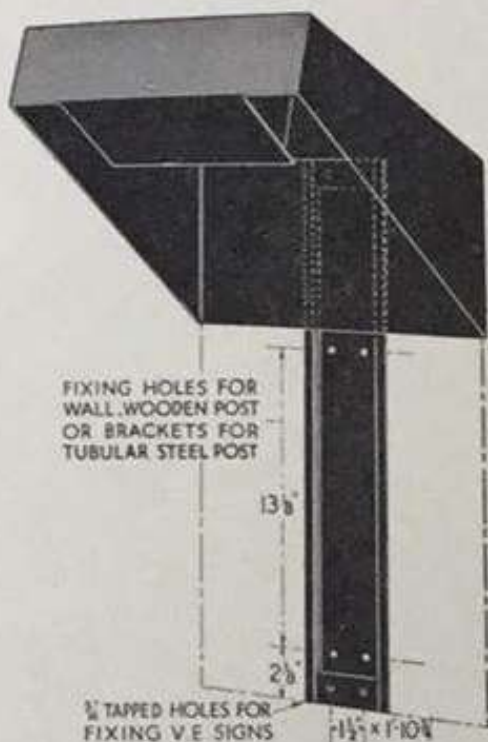
The sign plate is of vitreous enamelled steel unless otherwise specified.



32/EX
Horizontal
Fig. 5
Fixed on Tubular
Steel Post.

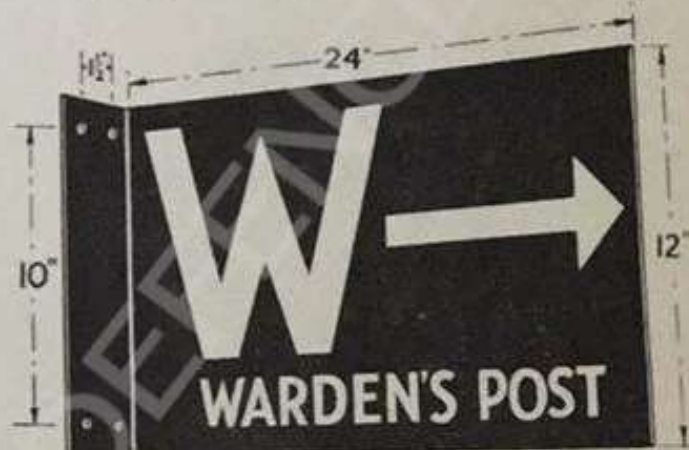
**SOME FIXING DETAILS FOR DOUBLE-SIDED
AND EXTERNALLY ILLUMINATED
BS/ARP/32 SIGNS**

12



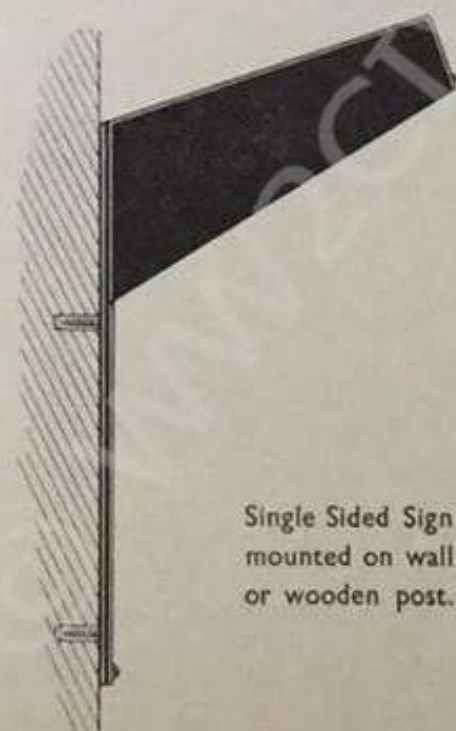
**32/EX
VERTICAL SINGLE SIDED**

It will be noted that the strong channel strip, going the entire length of the sign plate, will ensure complete rigidity. This also provides a firm fixing for brackets and clips, or, alternatively, a means of easy fixing for the sign and lighting assembly.

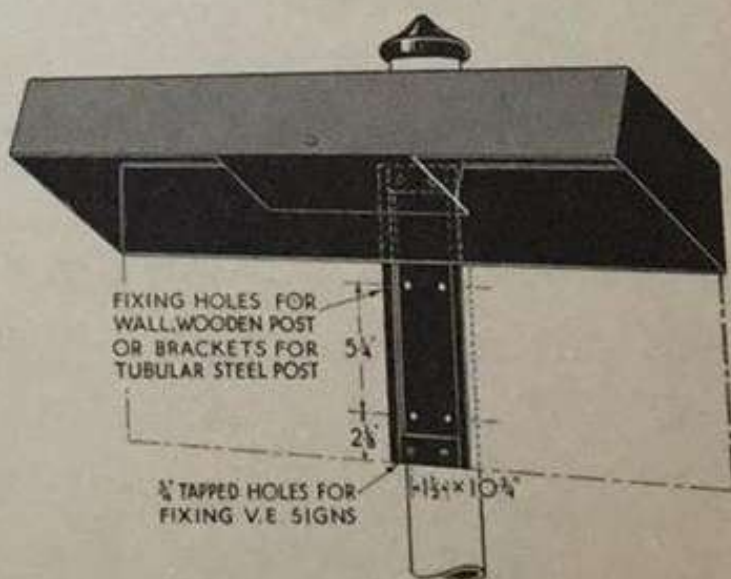


**DOUBLE SIDED BS/ARP/32 SIGN
(non-illuminated)**

with one end flanged and holed for fixing to wall, wooden or tee iron post, or to brackets for tubular posts.



**Single Sided Sign
mounted on wall
or wooden post.**



**32/EX
HORIZONTAL SINGLE SIDED**



13

EXTERNALLY ILLUMINATED (vertical and horizontal) DOUBLE-SIDED A.R.P. SIGNS

(Utilizing one 15 watt G.L.S. Lamp only)

The illustration on this page is of the vertical (location) Sign, the horizontal fitting being of similar design but approximately 24" wide, to suit the directional Sign. With the latter the side baffles go the whole length of the sign plate, which slides into position between two sets of angle pieces and is then screwed into position, making a very rigid assembly.

These double-sided cowled lighting fittings are of welded steel construction and are finished externally stoved black enamel.



**32/EX/Double
VERTICAL**
Fixed on tubular steel post.

Indirect or "reflected" lighting is obtained on the sign from one 15 watt. G.L.S. lamp fitted under the roof of the housing, the sign being protected from direct light by a horizontal plate which forms a ceiling to the roof, the whole interior being finished stoved white enamel.

After careful tests under working conditions apertures have been arranged to permit the correct emission of even illumination on to sign, these coming just within the outer edge of the fitting.

An adjustable baffle across each side of the cowl enables definite light cut-off at the bottom of the sign to be obtained—the side baffles, which are fixed, provide a similar service and there is NO stray light.

A sliding door, immediately under the lamp, allows ready access for renewal and the position of the door is such that no water can enter and no screws have to be removed.

Fixture of the complete assembly can be to wall or wooden post, or brackets and clips can be provided for attachment to tubular steel posts, etc.

All fittings include one lampholder but prices do not include lamp.

PRICES

For double-sided Sign, complete with Cowled

Lighting, Fitting and Clips for 3" O.D. Post.

In Lots of 1—11	...	...	100/90	Complete	26/-
" 12—49	...	...			25/-
" 50 and over	...	...			24/9

Pressed Steel Brackets and Clips for securing A.R.P. Signs to tubular steel posts:-

(One set includes one bracket, two clips and securing bolt)

Two sets per Sign are required.

143/3"	For 3" dia. Posts	...	8d. per set, 9 oz.
143/4"	For 3½" to 4" dia. Posts	1/- per set, 13 oz.	
143/6"	For 4½" to 6" dia. Posts	1/6 per set, 15 oz.	
143/9"	For 6½" to 9" dia. Posts	2/- per set, 18 oz.	

Please state exact diameter of Posts when ordering

INTERNALLY ILLUMINATED BRITISH STANDARD A.R.P. SIGNS

14



The Sign box illustrated below has been made to conform to the British Standard specification for A.R.P. Signs. It is lightly but strongly constructed from welded sheet steel, is amply ventilated, and is cowled in accordance with official requirements.

Made either single or double-sided for gas, oil, or electric illumination with white letters on black ground, the front frame being hinged to give complete access for cleaning and lamp renewals.

Finished inside and outside with stoved enamel.



B.S. 32/BOX/D
Double Sided.

SPECIAL NOTE

All our electric and gas Signs are made so that they can be converted immediately to oil burning in the event of damage to main service.

PRICES

For Electric Signs with clips or sockets for attaching to 3" O.D. tubular steel post or drilled at end for fixing to wall or wooden post. One anti-vibration lampholder for 15 watt lamp.

Single Sided B.S. 32/BOX/S	+ 100%	Double Sided B.S. 32/BOX/D
In Lots of 1-11 ...	30/- each.	In Lots of 1-11 : ... 34/- each.
In Lots of 12-49 ...	29/- each.	In Lots of 12-49 ... 33/- each.
In Lots of 50 and over	28/- each.	In Lots of 50 and over 32/- each.

Gas Signs are fitted with our own gas burner, which uses approx. .3 cubic ft. per hour. If fitted with one "Suggs Greenock" burner and "Limina" Mantle 7/6 extra. 60 hour Oil burners for above Signs 5/- each.



15

COWLS FOR SIGNS AND BOLLARDS

LARGE DOUBLE COWLS FOR MANDATORY SIGNS

Large double Cowls
for horizontal Mandat-
ory Sign 30" x 17"
Cowl/376 13/- each.

Triple Cowl/374 for
29" x 17". Vertical
Mandatory Sign
Cowl/376 16/6 each.

Large Double Cowls
for 24" x 18" "Keep
Left" Signs and all
bollards with 2418
lanterns.
Cowl/2418 11/- each.

Small Double Cowls
for Arcangel Post.
Cowl/334. 5/6 each.

For Sentry Posts
Cowl/335 5/6 each.

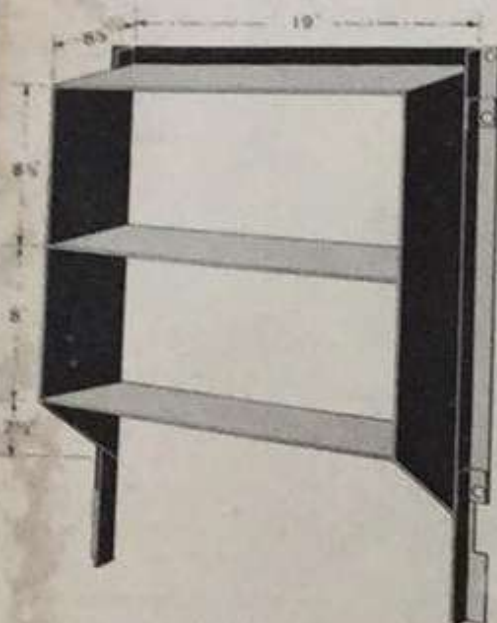
Small Double Cowls
for G.A. Minor Posts.
No. 333, 333/38, 333/9.
Cowl/333. 5/6 each.

Small Double Cowls
for Posts No. 333/GSP
and 333/38/GSP.
Cowl/333/GSP.
5/6 each.

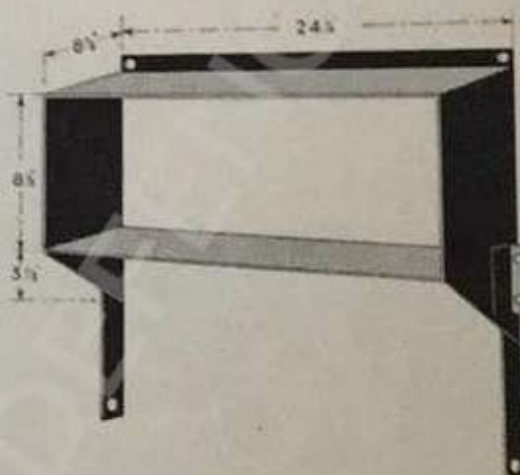
Small Double Cowls
for all Posts with
129 Lantern. No. 330/
129, 336/129, 337/129
and 338/129.
Cowl/129. 5/6 each.

Small Double Cowls
for all Posts with
Aston or Leamington
Lanterns.

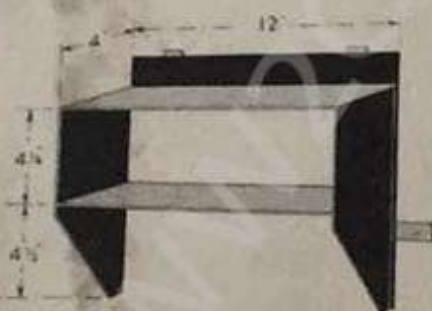
1 No. 330/Aston
or Leamington,
and 336/Aston
or Leamington.
Cowl/Aston. 5/6 each.



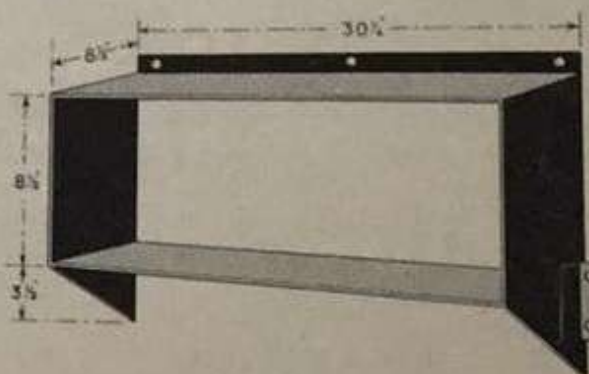
COWL/374



COWL/2418



COWL/129



COWL/376