

CARBONS.



REFLEX. ETNA.

RUFFOSCOPE.

KINARKO.

Our Prices and a few hints on burning
Carbons economically and well (see back).

Ruffell's Imperial Bioscope Syndicate

LIMITED,

(ENGINEERING DEPARTMENT).

Head Office:—LONDON, 8/9 LONG ACRE.

Branches:—Newcastle, Imperial Chambers, Westgate Road.
" Birmingham, 11 Bright's Buildings., John Bright Street.
" Leeds, 54 Albion Street.
" Manchester, 2 Cannon Street.

Agents:—Cardiff, The Wilkinson Film Bureau, Ltd., 29 Windsor Place.

" Glasgow: G. W. Baker, Ltd., 130 Renfield Street.

W.D.

8°

120

BR

PRICE PER 100 PIECES.

REFLEX BRAND.

Positives Cored.

	12"	9"
25 m/m	155/-	116/3
24 m/m	137/4	103/-
22 m/m	111/9	83/11
20 m/m	94/-	70/6
18 m/m	75/11	57/-

Negatives Cored.

	6"
18 m/m	38/-
16 m/m	29/7
14 m/m	21/8
12 m/m	18/8

ETNA BRAND.

Positives Cored.

	12"	9"
25 m/m	116/3	87/3
24 m/m	103/-	77/3
22 m/m	83/10	62/11
20 m/m	70/6	52/11
18 m/m	56/11	42/9

Negatives Solid.

	6"
18 m/m	28/6
16 m/m	22/3
14 m/m	16/3
12 m/m	14/-

STAGE CARBONS—Etna Brand.

Positives Cored.

	6"	5"	4"
16 m/m	22/2	18/6	14/9
15 m/m	19/2	16/-	12/9
14 m/m	16/3	13/7	10/10
13 m/m	15/5	12/10	10/3
12 m/m	14/-	11/8	9/4

Negatives Solid.

	6"	5"	4"
12 m/m	14/-	11/8	9/4
11 m/m	12/9	10/7	8/6
10 m/m	11/4	9/6	7/7
9 m/m	10/6	8/9	7/-
8 m/m	9/4	7/9	6/2

Prices for other lengths or diameters of above Brands on application.

PRICE PER 100 PIECES.

RUFFOSCOPE BRAND.

Positives Cored.

	12"	9"
25 m/m	126/-	94/6
24 m/m	112/-	84/-
22 m/m	84/-	63/-
20 m/m	75/8	56/9
18 m/m	55/8	31/9

Negatives Solid.

	6"
18 m/m	25/8
16 m/m	19/6
14 m/m	15/8
12 m/m	13/2

KINARKO BRAND.

Prices below are plus 10 per cent. per 100 pieces.

Positives Cored.

	8"	12"
23 m/m	47/-	93/6
22 m/m	39/-	77/6
20 m/m	32/6	64/6
18 m/m	25/-	49/6
16 m/m	18/-	36/-

Small Diameter Negatives.

	6"
14 m/m	24/6
12 m/m	21/-
11 m/m	18/6
10 m/m	15/-
8 m/m	13/-

WHITE FLAME KINARKO BRAND.

For Alternating Current.

	6"	12"
22 m/m	48/-	96/-
20 m/m	44/-	88/-
18 m/m	37/-	74/-
16 m/m	27/6	55/-

For the Operator.

In testing Carbons will you try the following tips and profit by our experience?

It has been proved to our satisfaction, that a brighter and better illumination at a lower amperage will result. The Carbons will last longer, and give less dust deposit on Condenser Glasses and Lamp House base, than the majority of other brands.

(1) Get the biggest possible angle of tilt on your Arc Lamp and Carbons. You may have to bring your Lamp House forward, or work with your bottom Carbon short from the Arc Lamp Jaw, **but** it will be worth while.

(2) Set the bottom Carbon so that its back edge, *i.e.*, the one farthest from the Condenser Cell is nearly in line with the soft core of the top Carbon.

(3) After striking the Arc, burn the Carbons at a distance of a $\frac{1}{4}$ in. apart, until the Bottom Carbon has become a fine pencil point. Keep this point constant, by regular and frequent feeding.

(4) The Crater in the top Carbon should be dead central and spoon shaped (this will result if the Carbons are set dead true and at the angle described), and the section should be nearly at right angles to the base of the Lamp House.

(5) If your Projector is not on the constant optical principle (and the Manager won't scrap it for a Vulcan) do not follow picture rackings in the Arc Lamp by the angle of the rack. Use the one provided for racking the whole Lamp.

(6) Compare the whiteness and brightness of the disc of light on the Grate Shield **and** the Screen (at a lower amperage if you like) with any other brand of Carbon you may be using.

THANKS !