

### REPLACEMENT BULBS

Since the distribution of light is a function of lensing and bulb design, it is essential that the correct type of bulb is fitted to ensure maximum efficiency.

### FOR CLEAR AND FLUTED LENS UNITS

Butler No. B.500 12 volt 55 watt Quartz Iodine Bulb.

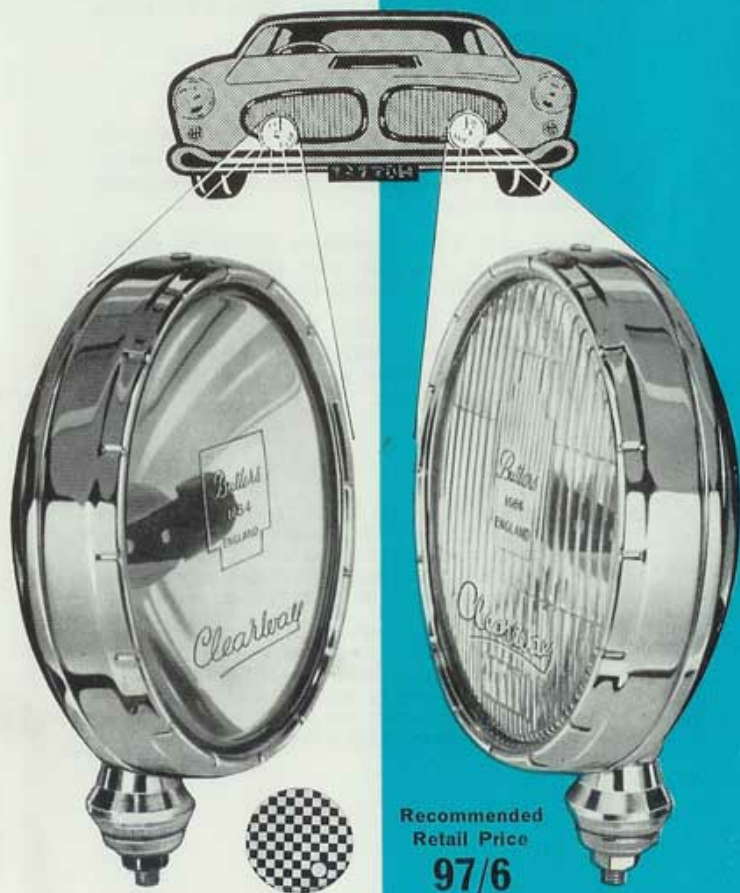
### BUTLERS LIMITED

Grange Road, Small Heath, Birmingham 10, England

Telephone: 021-772 4393

# Butlers

## NEW CLEARWAY MATCHED SPOT AND FOG LAMPS WITH QUARTZ-IODINE BULB



Recommended  
Retail Price

97/6

# NEW CLEARWAY MATCHED SPOT AND FOG LAMPS WITH QUARTZ-IODINE BULB

TYPES: 1684-QB Spot Lamp 1684-QA Fog Lamp

Recommended retail price 97/6

Designed for modern motoring requirements the Quartz Iodine Clearway Lamp is manufactured to the high standards associated with Butlers products.

Super slim body, chromium plated on Brass, the lamp is available with either a plain or fluted lens. Vertical mounting.

The optically designed aluminised reflector together with the latest 12 volt 55 watt Quartz Iodine Bulb ensures exceptionally high and constant light output.

## FITTING

In order to comply with British Lighting Regulations all driving lamps must be mounted so that the centre of the lamp is not less than two feet from the ground. Any lamp mounted below this height may only be used under conditions of fog or falling snow.

A  $\frac{3}{4}$ " hole in the proposed support will enable the lamp to be suitably mounted. Where insufficient space exists the Butler adjustable bracket (1316 Type) bolted to a bumper support or cross-member, or the 1536 Type badge-bar bracket can be used to advantage, bearing in mind the Lighting Regulations referred to above.



SPOT



FOG

Diameter  $5\frac{7}{8}$ " Overall Depth  $2\frac{3}{8}$ "  
Bolt Centre to Back  $1\frac{1}{2}$ "  
12 volt S.P.

## CONNECTING UP

A switch is available (Type 1709) which should be conveniently positioned and a length of cable led from the lamp to one side of the switch, the other switch terminal being connected to a suitable power supply point, such as the fuse box terminals 'A2' or 'A4' on many vehicles. The earth lead from the lamp should be permanently secured to adjacent steelwork on the vehicle after removing any paint, grease, etc., to ensure positive contact.

## LAMP AIMING

In order to avoid dazzle to oncoming drivers the beam should be set straight ahead with the top of the high intensity zone 4 in. below the lamp centre at 25 ft.

## BULB REPLACEMENT

Should it be necessary to change the Quartz Iodine bulb it is important to avoid touching the quartz envelope which must be kept clean and free from any foreign matter. It is also essential to remove any dust or finger marks which may have got onto the inside of the lens or reflector.