

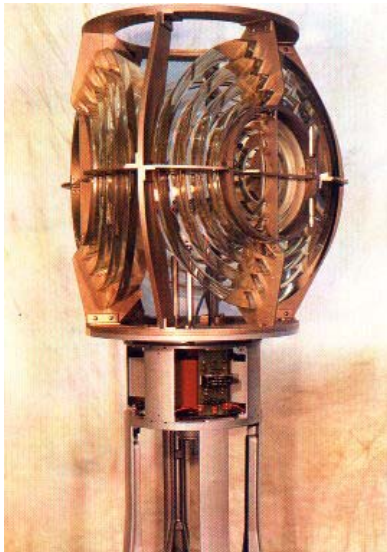
SPECIFICATIONS

IF WITH LENS OF 375MM FOCUS OR LESS

The existing revolving lens is arranged to be mounted upon the gearless motor direct.

IF WITH LENS OF 500MM FOCUS OR MORE

The existing revolving lens and mercury float type pedestal are retained: the weight driven machine (or motor drive) is withdrawn and, in its place, a gearless PRB-22 revolving pedestal drive control unit is arranged to drive the existing lens on its pedestal.



IN EITHER CASE

It is usual to install a UVLA automatic lampchanger.

Lampchangers are used in mains operated installations for extending the service period of the station. When the service lamp has burnt out, standby lamp will automatically be placed in focus. Lamp failure is sensed by a matching changeover unit.

The lampholders are mounted on a pivoted support, which is operated by an AC motor with enclosed gear and friction clutch. Microswitches disconnect the motor when either lamp is in focus. The changing action is smooth and gentle so as not to jar the lamps.

The UVLA can be fitted with a range of lamps including tungsten filament or metal arc with quartz halogen in the reserve position.

Fitting a tungsten twin filament lamp in the reserve position provides for battery back up in the event of mains failure. On restoration of the mains supply the UVLA will automatically return the main light to the focus of the lens. Where an existing lens is too small to accommodate the UVLA, it is usual for a single 400 watt lamp to be installed at its focus. The reserve light is then a separate unit of the APRB-288 or FA-250 type operating from the battery if the 400 watt lamp fails etc. Such a unit is usually mounted on the gallery.

UVLA – Lampchanger fitted with 240volt, 400watt metal arc lamp and 12volt, 100 watt pearl twin filament standing lamp

