



## PRODUCT INFORMATION AND INSTALLATION INSTRUCTIONS FOR HIGHBAYS

### Product Information

Highbay products can be fitted with the following range of lamps:-

- PLT - Triple Fluorescent 42w
- SON - Sodium High Pressure: 150w, 250w and 400w
- HQI - Metal Halide, Phillips HPIT tubular lamp, 250w and 400w or 70w and 150w E27 lamp cup
- MBFU - Mercury: 250w and 400w

The following table shows the sizes and types of reflector that can be used with the various lamps

LAMP	REFLECTOR ALUMINIUM	12" PRISMATIC	16" PRISMATIC	22" PRISMATIC
42w PLT		✓		
150w SON	✓		✓	
250w SON	✓		✓	
400w SON	✓			✓
250w MBFU	✓		✓	
400w MBFU	✓			✓
70w HQI		✓		
150w HQI		✓		
250w HQI	✓		✓	
400w HQI	✓			✓

The following options are available:

- HB Glass - Glass Cover, for use with aluminium reflector only
- HB Guard - Wire Guard, not for use with glass cover
- LRM - Instant Light Facility, in the aluminium reflector only

## INSTALLATION INSTRUCTIONS

- 1) Loosen the four fixing screws and lift cover away from the gear tray.
- 2) Hang the gear tray on the support chain using the hook. Connect the incoming 240v supply to the mains terminal block. Ensure the L & N polarities are correct and the E is secure as the gear tray must be earthed.
- 3) When an aluminium reflector is being used, locate using the two keyhole slots, onto screws on the gear tray and tighten screws. If an instant light facility (LRM) is fitted in the reflector, wire the two flying leads into the relevant LRM as follows:-  
Tridonic LRM500-wire into 'out and N'  
Vossloh AS1000-wire into 'A' & 'N'  
You must wire into these terminals even where the terminal is already in use.
- 4) If a prismatic reflector is to be used, refer to the product information table to select the correct size for the lamp type. Fit the two slotted keyhole plates provided, one to the inside and one to the outside of the reflector, the one on the inside having the fixed threaded nuts. Ensure the slots in the plate align when they are tightened together with the two screws provided. The reflector assembly is then fitted to the gear tray in the same way as with the aluminium reflector.
- 5) Refit the cover to the gear tray.
- 6) Fit the correct type and voltage of lamp.