imtra
MARINE LIGHTING

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ORION Bulb Replacement Procedure & Design Advantages

Spot Light with lamp requiring change-out

Grasp inside wall of eyeball assembly

Remove by pulling eyeball assembly straight out

Lamp and socket are now accessible

Separate lamp from socket, being careful not to put stress on lead wires.

Release lamp from retaining clip. Replace with new lamp and reverse procedure.

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Some Key Advantages to Orion design:

1. It's not necessary to remove the complete spot fixture from the ceiling to replace the bulb. Only the inner eyeball portion is required to be removed and this requires no tools.

2. No more dirt or smudge marks left on ceiling headliner-panel from fingers being pried between fixture and mounting surface.

3. No more accidental scratches or cuts left on fabric from use of tools.

4. No danger of accidental cuts on fingers or hands caused by springs or sharp metal clips which hold the bulb.

5. Fast bulb changes means less accrued time on maintenance.

6. Secure bulb retaining system limits damage to bulb caused by shock & vibration.

7. Flexiblility of bulb styles and beam angles. May choose MR16 with or without lens, 20W, 35W, or even 50W. Several beam angles to choose from as well.

8. Self Centering: Eyeball piece and bulb are always aligned perfectly. No need to spend time adjusting. Precision engineering assures a perfect alignment every time.

9. Possibility to use either low voltage (MR16) or line-voltage (GU10) bulbs and to change from one to the other one even after the installation; useful in case of refitting or electric system changes.

10. Possibility to use standard bulbs or the new power led bulbs (MR16/GU10 @ 5W) in the same spot. It is possible to use standard halogen bulbs today and later change out/upgrade to a newer LED based bulb in the future. MR16 LED replacement bulbs are now available and getting better and brighter all the time. Perhaps using standard halogen bulbs in certain locations (on board) and LED bulbs in other areas.

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