

Low Vision Aids (LVAs)

Introduction

Vision occupies prime place in the human sensory perception and visual impairment affect people's life significantly. Low vision is a critical visual challenge, which significantly alienates a person with dioptric requirement of 16D-32D (WHO). Low vision is normally not correctable by surgical procedures or with conventional eyeglasses. It can be addressed by a cluster of dedicated low vision aids (LVAs) for specific near and distance vision tasks. LVAs using light-weight optical grad plastics based on state-of-art aspheric optical technology alone fulfil the magnification, high illumination and enhanced field requirements of low vision persons to perform their daily tasks and thereby contribute to the society.

PlasticAspheric LVAs

- Light-weight, high refractive power plastic aspheric lens LVAs.
- Spectacle mountable LVAs with low fatigue for longer usage.
- High index offers better correction.
- High impact strength.



Tele-microscopes as Low Vision Aids



- 2X and 4X magnification models.
- Dual configuration for spectacles frame-fit.

Hand held Self-illuminated 16D and 20D Aspheric LVAs



Users

- Low vision population with dioptrre in excess of 12D.
- Old age population.

Low Vision Aid Spectacles

