

# LENS DESIGN

IGEL NU-TORIC design has 6 unique zones that are encompassed on the back and front surfaces of the contact lens.

## OPTICAL ZONE

The OPTICAL ZONE varying from 8.00mm to 9.00mm (depending on spherical power) providing optimum visual field but minimizing "halos" or "rainbow images".

## TOP & BOTTOM SLAB-OFF ZONES

These 2 unique zones are "slab-off" or grind thinner to ensure comfort, under superior and inferior eyelids when the lens is worn, without compromising the fitting.

## BACK SURFACE CYLINDER ZONE

IGEL NU-TORIC is a "Back Toric Surface Design" which means 2 different curvatures are grinded overlapping each other to form the "cylindrical zone" for correcting astigmatism.

## LENTICULAR SLAB-OFF ZONE

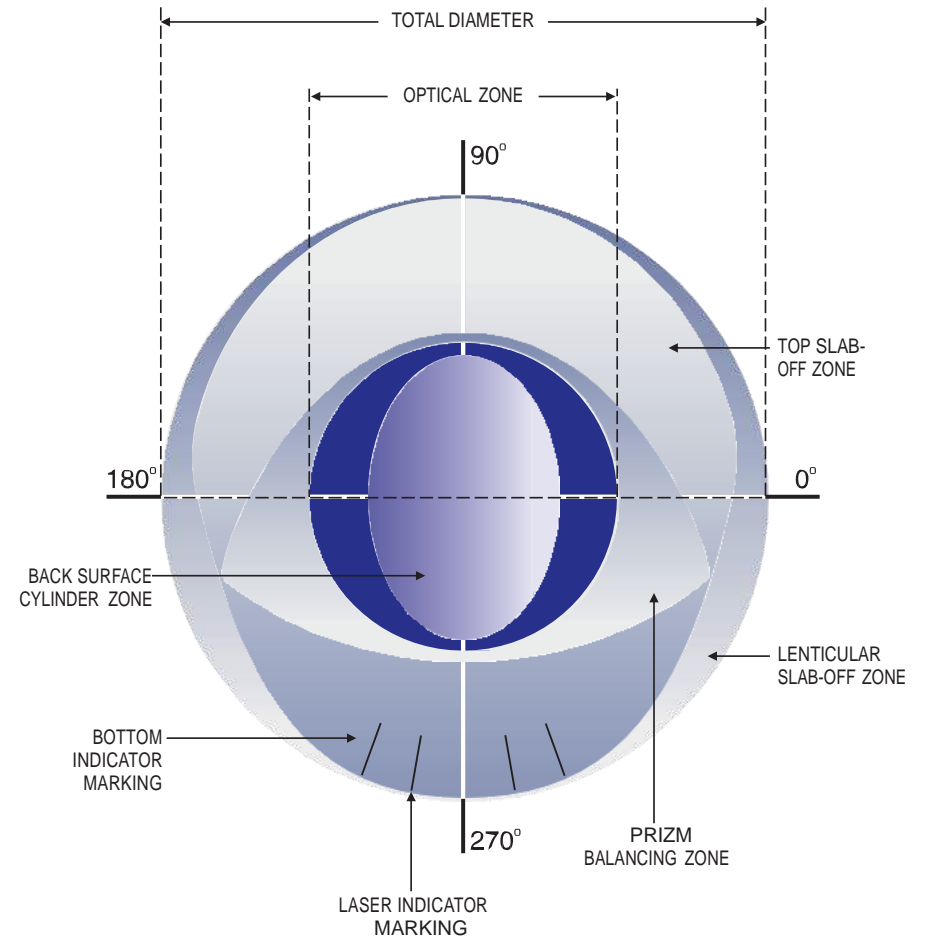
Commonly known as "lenticulars", this is a secondary radius grinded to "override" the primary radii in order to provide the entire lens with a uniform edge.

## PRISM BALANCING ZONE

Prism Balancing Zones also known as DYNAMIC STABILIZATION ZONES are located at the "4 and 8 o'clock" positions thus providing equal distribution of lens mass for increased stability, particularly for higher cylindrical powers.

## LASER INDICATOR MARKING

The 5 laser indicators should be pointing downwards with the centre line pointing at the 6 o'clock position. Variation between each line is 10 degrees apart.



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