

LumiClear™

NON-GLARE

Walman Optical's LumiClear non-glare portfolio delivers the clarity and toughness your patients need to enhance their visual quality.

LumiClear Non-Glare Coatings:



Reduce glare and reflections



Resist scratches



Repel smudges, moisture, oils, dust, dirt and lint



LumiClear Non-Glare Coating Options:

LumiClear UV

LumiClear UV enhances the benefits of a standard non-glare by reducing UVA and UVB reflections from the backside of the lens.

 UV Protection

LumiClear Pro

LumiClear Pro combines the properties of the LumiClear UV but adds an additional layer of durability.

 Durability

LumiClear Prevent

LumiClear Prevent adds a layer of blue light protection to prevent digital eyestrain while using devices.

 Blue light protection

All LumiClear products are backed by a two-year warranty against product failure from normal use.

Near Limitless Availability For Easy Dispensing

LumiClear non-glare coatings are available on most lens brands and materials for easy dispensing in your practice. Order today from your Walman Optical lab.

LumiClear Technology

The Non-Glare Layers

Super Oleophobic Hydrophobic Top Coat

- ✓ Repels oils, smudges and fingerprints
- ✓ Smooth, slippery lens surface for easy cleaning
- ✓ Repels water and moisture
- ✓ Acts as a sealant to protect non-glare stack

Non-Glare Stack

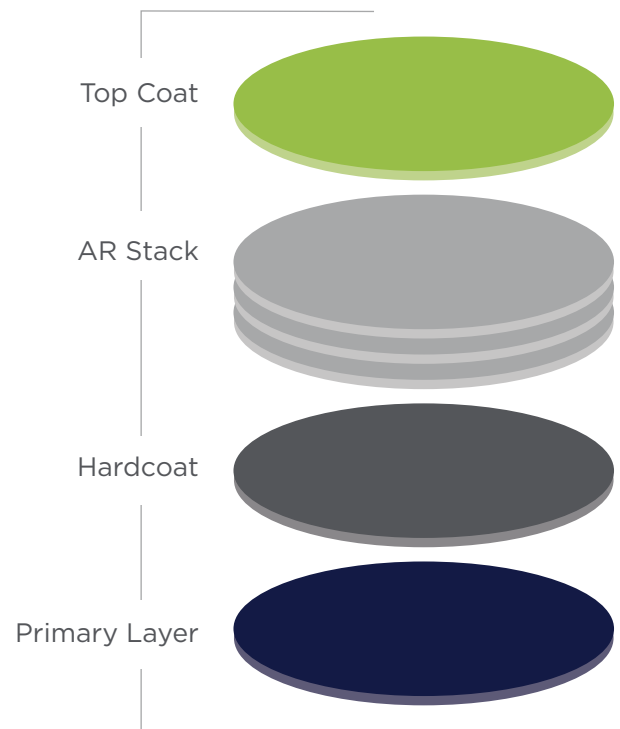
- ✓ Anti-static, premium composition non-glare stack
- ✓ Increases scratch resistance
- ✓ Ion-assisted deposition

Thermally Cured Dip Hardcoat*

- ✓ Superior scratch resistance
- ✓ Highly durable and protective
- ✓ Excellent non-glare base

Primary Layer

- ✓ Provides increased adhesion to lens substrate
- ✓ Ensures bonding between lens and hardcoat
- ✓ Acts as a cushion coat



*Available in LumiClear Pro Only

The diagram shows a lens with a sun icon above it. A green arrow labeled 'Visible & UV Light' points from the sun to the lens. Another green arrow labeled 'Visible Light' points from the lens to an eye icon.

Low UV (LUV) Technology

LUV Technology significantly minimizes UVA and UVB reflections from the back-surface of the lens to help protect the eye against reflected UV exposure.

Available in LumiClear UV, LumiClear Pro and LumiClear Prevent.

The graph shows Transmittance on the y-axis (0% to 100%) and Wavelength (nm) on the x-axis (350 nm to 500 nm). The curve shows that transmittance is low (around 10%) at 350 nm and increases sharply to reach 100% by 450 nm, remaining at 100% up to 500 nm.

Blue Light Filtering Technology

Blue Light Filtering Technology selectively filters out high energy harmful blue light while letting beneficial turquoise blue light pass through.

Available in LumiClear Prevent.