



 AT A **GLANCE**

ONE-OF-A-KIND

Energy Absorbing Technology, when invisibly applied to any lens, actually absorbs light. Other blue-light coatings merely reflect HEV light.

None of the mass-market manufacturers have this patent pending technology. Energy Absorbing Technology sets you uniquely apart from your competitors.

VERSATILITY

EAT can be part of an existing coating. Combine it with our popular Sentinel UV coating or nearly any other coating solution to gain versatility to your client's needs and a premium up-sell opportunity.

This flexibility provides better control of your lens inventory, reduces your inventory commitments, and improves your cash flow & profitability.

QUANTUM
CREATING SOLUTIONS

1.888.268.3414

QTMI.NET

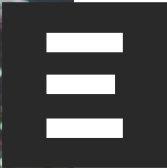
SALES@QTMI.NET



Energy
Absorbing
Technology™

by **QUANTUM**
CREATING SOLUTIONS

THE FIRST AND ONLY THIN FILM APPLIED LENS
SOLUTION THAT ABSORBS HIGH ENERGY LIGHT!



Energy Absorbing Technology™

THE BLUE LIGHT SOLUTION!



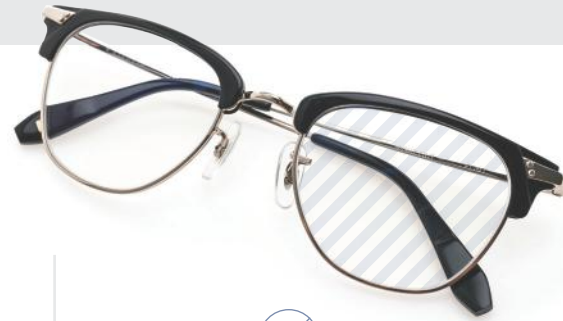
E.A.T. is a patent-pending lens coating solution



E.A.T. can be combined with nearly any other coating

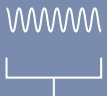


E.A.T. can be applied to any lens



THE BLUE LIGHT PROBLEM

We've all been part of the conversation around blue light, the impact it has on our eyes, and how that impact continues to grow due to our exposure to smart phones, devices, LED TVs and even billboards.



High Energy Visible Light {400nm to 455nm}



But we know we need SOME blue light to be alert and awake. Now there is an exciting new solution that provides blue light protection.



BLUE LIGHT ABSORPTION



REFLECTION



ABSORPTION

· Rather than reflect blue light, this unique solution actually **absorbs** it. This prevents the wearer's eyes from being obscured by lens glare. **E.A.T.** doesn't change the color or reflection of the coating!



BETTER SLEEP CYCLES

· **E.A.T.**, inside a coating, improves the wearer's Cortisol production (telling our bodies when to be awake) compared to many blue light coatings.



ULTRAVIOLET PROTECTION

· **E.A.T.** brings additional high energy light protection, preventing destructive light frequencies from reaching the eye.



· **E.A.T.**, inside an AR coating, gives **backside UV protection**.



BACKSIDE UV REFLECTION



BACKSIDE UV ABSORPTION



ENHANCED VISION

· **E.A.T.** enhances the **wearer's visual experience** by eliminating irritating glares and high energy light and allowing color information to the eye with **vivid clarity**.



REDUCED EYE STRAIN

E.A.T. inside an AR coating gives **better light transmission** than other blue light coatings, providing an excellent solution for low light situations.

GOOD LIGHT HEV LIGHT

