Advancements in Photochromic Technology: Solutions for Today's World

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Most people understand the basic functionality of photochromic lenses. What many people do not realize is that photochromic chemistry is a complex balance. New, more complex photochromic molecules and measurement methodologies are enabling new performance characteristics and advancements. This course will explore the chemistry that makes photochromics work; why consumers need and want light adaptive lenses; and technology breakthroughs which enabled new product offerings that appeal to all types of wearers.

As a result of this course, the student should be able to:

1. Understand how photochromic technology works and the factors that influence the performance
2. Articulate what patients are looking for in an adaptive lens and understand how to meet their needs
3. Comprehend the how to evaluate photochromic lens offerings based on all performance attributes and patient needs

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