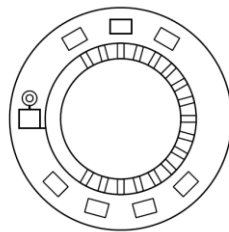


On the Horizon: Myolite, Inc. has 2 patents pending, each with the goal of simulating the protective and therapeutic effect of outdoor light for reducing the incidence of myopia and slowing myopia progression.

Eyewear Borne Electro-Magnetic Radiation Refractive Therapy (EEMR)

- **Goal:** Use a frame, spectacle lens, or contact lens to direct light into the pupil via passive or active means.
- **Passive (harnesses light):** Deflective, reflective, refractive, birefringent, fiber optic for collecting or directing ambient radiation or radiation from a radiation source.
- **Active (creates light):** Pre-determined or programmable radiation sources within the frame, spectacle lens, or contact lens.

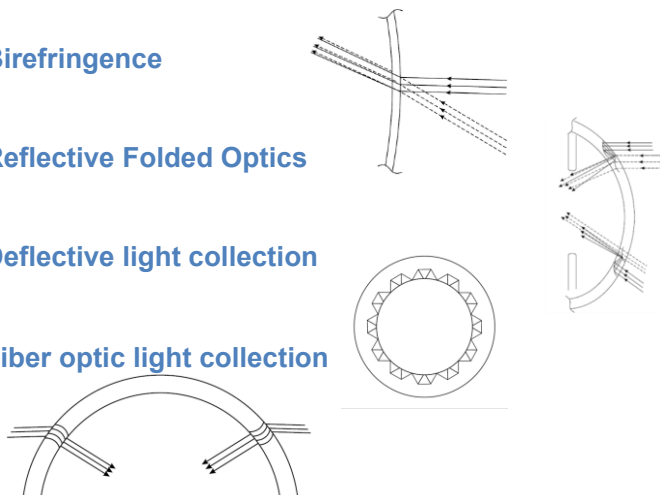
Apparatus for Electromagnetic Radiation Refractive Therapy



Radiation can be modulated with a contact lens with passive “light collection” of ambient light or active radiation source(s).

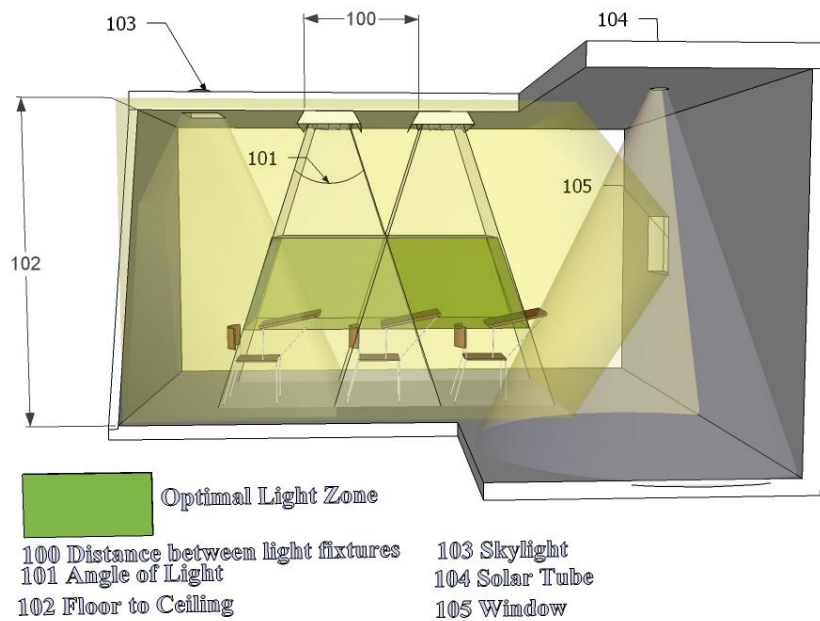
Other Contact Lens Embodiments

- Birefringence
- Reflective Folded Optics
- Deflective light collection
- Fiber optic light collection



Protective Lighting System (PLS)

- **Goal:** Deliver the benefit of outdoor lighting through an indoor lighting system
- **2 LED configurations:** without UV and with UVB
- Discussions for animal testing and pilot classroom based controlled research are underway.



A special thanks to Dr. Jerome Legerton, inventor of Myolite™