Bright Lights, Big Headaches: Tips to Prevent Holiday Visual Overload

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Twinkling lights, elaborate displays, and brightly lit shopping centers are hallmarks of the holiday season, but for millions of people, these festive environments trigger painful headaches, eye strain, and exhaustion. As seasonal celebrations ramp up, the Irlen® Institute is highlighting the hidden link between holiday lighting and visual overload?along with practical ways to prevent symptoms before they start.

While bustling malls and flashing decorations are cherished traditions, the combination of harsh fluorescent lighting, constant movement, and reflective surfaces can overwhelm the brain's ability to process visual information. For individuals with Irlen Syndrome?also known as visual stress or scotopic sensitivity?heavy visual stimulation often leads to debilitating migraines, fatigue, irritability, and difficulty concentrating.

"The holiday season is meant to be a time of joy, yet for people with visual processing differences, bright and busy environments are a major source of physical discomfort," said Sandra Tosta, Director of the Irlen® Institute. "When families understand that holiday headaches and fatigue can be triggered by light and visual clutter, they can take simple steps to make the season enjoyable again."

To help prevent holiday visual overload, the Irlen® Institute offers the following tips:

Limit Exposure to Flashing Displays: Rapidly blinking LED lights and animated decorations force the visual system to work overtime. Choose steady, warm-toned lights at home and look away or take breaks when walking past strobing storefront displays.

Beat the Store Rush: Crowded retail stores multiply visual stress by combining bright overhead fluorescent bulbs with fast-moving crowds and shiny packaging. Shop during quieter morning or late-evening hours to minimize sensory overload.

Control Indoor Lighting at Gatherings: Swap harsh overhead fixtures for softer lamps or ambient lighting during family dinners and parties to reduce glare and eye strain.

Filter Harsh Glare: Wearing a visored hat indoors or using precision-tinted spectral lenses can help block triggering wavelengths of light in brightly lit malls, airports, and event venues.

Recognize Early Warning Signs: Caregivers and family members should watch for subtle cues of visual overload?such as squinting, rubbing eyes, sudden irritability, or wanting to leave a bright room?and step into a dimly lit, quiet space for a brief visual reset.

Beyond short-term adjustments, the Irlen® Institute addresses the root cause of light sensitivity and visual stress through custom spectral filters?worn as glasses?and colored overlays. These tools are tailored to filter out the specific wavelengths of light that overstimulate the brain. Individuals who frequently experience headaches or discomfort in bright environments can take a free online self-test at irlen.com to see if light sensitivity may be affecting them.

"Many people suffer through seasonal headaches and exhaustion without realizing their environment is the trigger?or that a solution exists," Tosta added. "Recognizing visual overload during the busiest time of the year can help more people find lasting relief."

The Irlen® Institute is a global organization that specializes in the use of color to alleviate visual stress and improve quality of life for individuals with light sensitivity and related conditions. Its services include the identification and treatment of Irlen Syndrome, the provision of colored overlays and spectral filters, self-testing, and training for professionals seeking certification as diagnosticians and screeners. The organization also conducts research in the field of spectral filter color lens technology. With certified providers in 46 countries, the organization has supported adults and children around the world and has been featured by news outlets including NBC News, ABC News, and CBS News.

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For more information about The Irlen Institute, contact the company here:The Irlen InstituteSandra Tosta562-496-2550sandy@irlen.com5380 E. Village RoadLong Beach, CA 90808

The Irlen Institute

The Irlen Institute, founded by Helen Irlen in 1983, has helped over a million people worldwide through its comprehensive diagnostic process and innovative technology.

Website: https://irlen.com/

Email: sandy@irlen.com

Phone: 562-496-2550