

## **Schools Learn The Benefits of Starlite**



## **Full Spectrum Lighting Schools Learn The Benefits of Starlite**

### **Star Lighting Products® Brightens Ohio Schools**

Ohio Schools are spreading the word about the benefits that Star Lighting Products® brings to their classrooms. Schools in all districts have experienced dramatic improvements in classroom light levels, visibility and reduced glare under Starlite's® crisp, natural, sunlight-simulating fluorescent light.

Providing the right light is an important factor for establishing an atmosphere that is conducive for learning. Ordinary Cool White fluorescent lighting emits a great deal of light in the yellow and green part of the visible light spectrum. This distortion results in the yellow-green tint cast by most fluorescent lights which, in turn, decreases see ability.

Starlite® is the Closest Light Available to Natural Sunlight!!

Installing Starlite® full spectrum lights has helped students at all levels keep their focus on learning because Starlite® stimulates the full color and balanced ultraviolet spectrum of natural outdoor light. With a color rendering index (CRI) of 92 (compared to natural outdoor sunlight's 100), Starlite® reveals details and colors accurately, reduces eye strain, helps lessen glare on CRT screens, and facilitates all visually demanding tasks. Starlite® blends well with window light to provide visual continuity in the classroom by reducing shadows on desks and blackboards. In addition, Starlite® helps reduce glare and makes figures, graphs and fine print appear more distinct. The light from Starlite® is neither warm nor cool. Like daylight, it is neutral. This means that the colors you see under Starlite® are true and brilliant; not distorted as they are under ordinary fluorescent lamps.

It is a pleasure to share the success of full-spectrum lighting at my school. I am the founder and President of Summit Charter School, a K-8 public school of choice for children identified with SLD (Specific Learning Disabilities). All of our students battle the challenges of learning disabilities, many co-morbid with ADHD (Attention Deficit Hyperactivity Disorder).

We have designed a test for four classrooms and began by formally monitoring behavior in all four classrooms. Our expectations were minimal expecting a small if even discernible difference with the students. We began our test by replacing the fluorescent lighting with full-spectrum lighting in two of the four classrooms. The original design of the test was to switch the full spectrum lighting in these two classrooms back to fluorescent lighting after three weeks and place the full-spectrum in the other two classrooms being monitored.

After three weeks, my teachers all turned in their behavior reports as we prepared to switch the bulbs to the other rooms. The results were surprising. Both classrooms reported significantly better behavior patterns, particularly with students with ADHD. These students also were the ones identified with the most frequent behavior issues. Much to our surprise, many of these students calmed down with the result that the entire class did not have to be redirected as frequently. There were less headaches and eyestrain reported for the entire class. Productivity went up. Students actually had to be called more frequently to go to lunch because they were engaged in learning activities. This one small adjustment seemed to dramatically impact the behaviors of the students in both classes.

Here's the biggest surprise. My teachers with the full-spectrum bulbs would not allow us to switch their rooms back to traditional

fluorescent lighting. I quote one teacher: “If you intend to remove these from my room you will have to FIGHT me for them. I’ve even looked into changing my locks if necessary!” The full-spectrum lighting made a huge difference with our students and the teachers. We plan to change all of our lighting at Summit to full spectrum lighting this year. Thanks for your help. Please share this letter with other schools.

The Advantages of Starlite include:

- perceiving fine details
- performing visually demanding tasks (such as color matching) more effectively
- reducing glare, thereby lessening eye fatigue and strain
- reducing maintenance and replacement costs due to its long-life features.

**Product Watts:**

**Product Bases:**

**Product Notes:** 1-800-392-3552

