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Dear Jerry,

It is a pleasure to share the success of full-spectrum lighting at my school. We used JTV Energy Lights<sup>®</sup> full spectrum tubes. 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 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!" Jerry, the JTV Energy Lights<sup>®</sup> 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.

Best Wishes,

Alan W. Smolowe, Ed.D., Ph.D.  
President