



CLIENT
Shoal Creek Elementary School
Rockdale County Schools
Conyers, Georgia

SCOPE
Replaced standard parabolic
fixtures with Class Pack RT8

“The fixtures are nicer looking and the lighting is softer on the eyes. All of the other teachers are jealous of the three-mode control features that make teaching in this classroom much easier.”

Kortney Hill, First Grade Teacher



Instructional Mode

AV Mode

Daylighting Mode

FACILITY TYPE
K-12 Education

KEY DATA
A typical 30'x28' classroom
utilizing 9 fixtures and 6 ballasts
optimized with lighting controls

PRODUCTS

Class Pack RT8
Volumetric Lighting
from Lithonia Lighting

LIGHTING THAT IS AHEAD OF THE CLASS

THE SITUATION

Today’s learning environment is more demanding than ever before – and lighting systems are required to deliver a higher-performing visual environment while still complying with budgets and stringent energy codes. Additionally, schools need to be role models for the next generation, demonstrating a more environmentally conscious use of construction materials and natural resources.

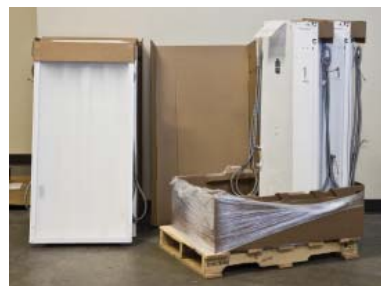
Shoal Creek Elementary wanted to upgrade the lighting and chose to evaluate the Class Pack system, Lithonia Lighting’s newest products for the education market. Before the lighting renovation, the existing classroom was fitted with standard parabolic troffers without dimming capability.

THE SOLUTION

A typical 30'x28' classroom was chosen and equipped with the Class Pack RT8 Volumetric lighting system. Since today’s classrooms need to integrate audio-visual presentations with traditional instruction techniques, the Class Pack system delivers an advanced, easy-to-operate three-function teaching modalities using a traditional wall switch. The result was improved lighting quality and optimized dimming capabilities. These upgrades not only make the environment more productive for teacher and students but also saves energy.



Class Pack fits easily through standard door frames



Upright package design eases installation

THE PRODUCT

Class Pack RT8 Volumetric Lighting has a better horizontal and vertical light level for teacher-student instructional mode, better horizontal levels for A/V mode, and better white board contrast for A/V mode.

The Class Pack Lighting System outperforms traditional recessed lighting by:

- Delivering the illumination criteria specified by IESNA RP-3-00 and recommendations from the Collaborative for High Performance Schools (CHPS)
- Reducing power density 45% below ASHRAE 90.1 2007 to 0.74 w/ft²
- Installing more efficiently to help reduce first costs
- Minimizing maintenance with 44% fewer lamps required over the life of the fixture

The most unique feature is the Class Pack solution installs more efficiently than traditional recessed fixtures – reducing materials and labor, and minimizing the opportunity for wiring errors. Traditional fixture installation require double the conduit and wire and three times the number of fixture wiring terminations. Snap-together connectors in the center fixtures speed installation and eliminate field wiring errors.

The Class Pack system is delivered right to the jobsite with all the materials needed to fit out one complete 9- or 12-fixture classroom. No sorting, counting components or piecing together fixtures – it's a classroom in a box and comes ready to install.

For more information, please visit: <http://www.acuitybrandslighting.com/schools>.

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