A better environment
INSIDE AND OUT

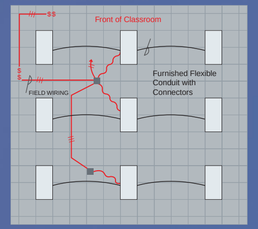
Inside, the high-color-rendering fluorescent lighting, combined with the proper balance of horizontal and vertical illumination, provides a vibrant and effective classroom. Premium lenses hold up to the rigors of school environments to keep the system performing throughout its life.

A reduced number of longer-life components mean fewer lamps will enter the waste stream. Highly efficient lighting systems translate to reduced pollution associated with the production of electricity. We even reduced the cardboard and packaging waste by developing a unique transport system that delivers just the right number of fixtures to each classroom.

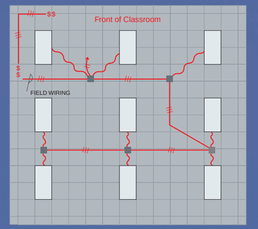
Material handling
MADE EASY

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 is delivered right to your 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.

Class Pack Installation



Traditional Installation



Example: CPSP8 2 32 GTHP PWS1846 G841HT8 CP9

CPSP8P 2 32

- **Series**: CPSP8
- **Number of lamps**: 2
- **Wattage**: 32
- **Door frame**:
  - (blank) Flush steel, white
  - RW Regressed aluminum, white
- **Lens**:
  - (blank) #12 pattern acrylic, .125" thick
  - A19 #19 pattern acrylic, .156" thick
- **Voltage**:
  - (blank) MVOLT (120-277V)
  - 120 120V
  - 277 277V
- **Ballast**:
  - GTHP Instant start, step dimming, high efficiency, 1.18 ballast factor (high)
  - GPHP Program start, high efficiency, 1.15 ballast factor (high)
- **Emergency**:
  - (blank) No emergency battery pack
  - EL14 Emergency battery pack (nominal 1400 lumens)
- **Fusing**:
  - (blank) No fusing
  - GLR Internal fast-blow fuse
  - GMF Internal slow-blow fuse
  - Specify Voltage
- **Prewire**:
  - (blank) No prewire
  - PWS1846 6' prewire, 3/8" dia., 18-gauge, two circuit
  - QFC309GA RELOC® Quick-Flex® Wiring System
- **Lamp**:
  - G841HT8 3100 lumen, high CRI, 4100K
  - G835HT8 3100 lumen, high CRI, 3500K
  - LPGM741 2800 lumen, 4100K
  - LPGM735 2800 lumen, 3500K
- **Packaging**:
  - CP9 9-pack palletized and stretch-wrapped without individual cartons
  - CP12 12-pack palletized and stretch-wrapped without individual cartons

SP8 CLASS PACK

BETTER LIGHTING BETTER SCHOOLS

LITHONIA LIGHTING®

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02/09 GF7213 Form No. 134.45

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LITHONIA LIGHTING®

YOUR SOLUTION FOR CLASSROOM LIGHTING

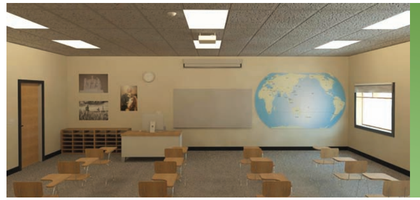
SP8 CLASS PACK

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, while minimizing the waste stream and pollution associated with energy production.

The Class Pack Lighting System outperforms traditional recessed lighting by:

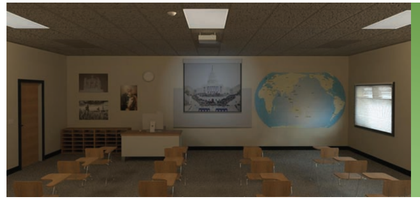
- Delivering the illumination criteria specified by IESNA RP-3-00 and recommendations from the Collaborative for High Performance Schools
- Reducing power density 45% below ASHRAE 90.1 2007 to 0.74 w/ft^2
- Installing more efficiently to help reduce first costs
- Minimizing maintenance with 44% fewer lamps required over the course of time

The Class Pack is delivered right to your jobsite with all the materials needed to fit out one complete classroom. No sorting, counting components or piecing together fixtures. Your classroom lighting arrives in one complete box ready to install.



INSTRUCTIONAL ACTIVITY

Provides full light on student and teacher desks, and brightly lit front and side white boards.



AUDIO VISUAL ACTIVITY

Reduces vertical light on projection screens and sufficiently lights student desks to aid paper-based tasks.

DAYLIGHT OPERATION

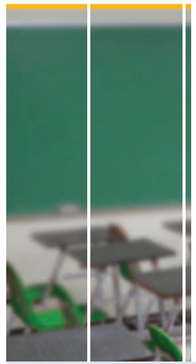
Takes advantage of daylight to reduce power consumption, while maintaining adequate desk and whiteboard illumination levels.

High-performance lighting FOR CLASSROOMS

Classrooms today are dynamic learning environments – integrating audio-visual presentations with traditional instruction techniques. Unlike outdated one- or two- level systems, Class Pack delivers an advanced, easy-to-operate three-function system using two traditional wall switches.

Budget-conscious first-cost AND OPERATING COSTS

Construction budgets often are strained to include the classroom requirements as well as administration, assembly, athletic and artistic centers. With Class Pack, school districts reduce operational expenses and can allocate more money for educational materials.



LOWERED COST OF CONSTRUCTION & RENOVATION

An innovative interconnection system reduces the material and labor required for installation. NEMA Premium® ballasts and CEE-qualified HPT8 lamps further defray initial costs in many regions through utility rebate eligibility.

Renovation projects also are made easier with our Class Pack system. Renovating older schools is a challenging endeavor guided by tight budgets and expansive expectations. Your lighting system upgrade should provide no less-desired results than those of new construction. Class Pack allows you to remodel your space more easily with the latest technologies.

SYSTEM APPROACH ASSURES HIGHEST PERFORMANCE

Combining the highest-output, full-spectrum fluorescent lighting with a matched ballast system delivers the lighting levels of traditional three-lamp fixtures in a two-lamp platform.

Higher fixture efficiency means that equivalent light levels are delivered with 20% fewer watts than standard T8 three-lamp fixtures. During a 2,000-hour per year operation, this change typically will reduce energy costs by $30-40 per classroom. Fewer longer-life components minimize maintenance and lamp replacement costs.

CONTROLS FURTHER OPTIMIZE OPERATION

Optional occupancy sensors reduce cost when rooms are unoccupied, and integral photocell can be set to cut power 25% when sufficient daylight is present.

Class Pack assures full white board illumination levels during the photocell operation to keep attention focused on learning instead of presenting unwanted distractions.

LITHONIA LIGHTING®