



EXTECH's high performance daylighting systems are ideal for use in schools. The widespread use of daylighting in schools is encouraged due to daylighting's positive impact on student performance and behavior, environmental benefits, and economic advantages.

## FEATURES AND BENEFITS

### LOW MAINTENANCE

Systems specifically designed for durability and longevity, reducing costs associated with maintenance.

### SAFETY & DURABILITY

Our systems are code compliant, available in class A fire rating, and add an extra layer of impact-resistant safety to schools.

### SPEED & EASE OF INSTALLATION

Systems are engineered for simplicity, reducing costs associated with installation.

### BUDGET-FRIENDLY SUSTAINABILITY

Our 100% recyclable daylighting systems can support LEED goals. Our systems are economical, designed for long lifespans and minimal maintenance.

### RETROFITS FOR HIGH PERFORMANCE

Our systems are adaptable to many designs to make for a seamless renovation, and easy installation on active school campuses.

### MADE IN THE USA

Our systems are manufactured in the USA in our Pittsburgh and Las Vegas facilities.

## TRANSLUCENT WALLS

EXTECH's translucent wall systems are ideal for the classroom setting, boasting plentiful daylight without glare and great insulative values for energy savings.

Our LIGHTWALL systems can often be customized for the intended application. Polycarbonate wall panels can be ordered in a variety of colors and translucencies depending on performance and aesthetic goals.

Whether retrofitting a structure or designing for new construction, our translucent walls adapt to many environments. The lightweight panels and aluminum framing of our prefabricated systems allow for easy, quick installation.



LIGHTWALL 3440 at Harvard ArtLab - Allston, MA

## FIXED & OPERABLE WINDOWS

EXTECH's translucent wall systems can be fit to replace old windows, allowing for high performance and energy savings. When a fixed, non-operable window is needed for daylight, polycarbonate systems are an ideal solution. Not only do they diffuse daylight and reduce glare, but they offer more impact resistance and safety over glass.

Our top-hinged operable window systems allow for natural ventilation for minimal load on cooling systems. The TechVent 5300 can be used with a mechanical operating system making it easy for maintenance crews and staff to open and close them without the use of tools or ladders.



LIGHTWALL 3440 fixed windows at Holbrook School in Holbrook, MA



TechVent 5300 windows at MLK elementary in Berkeley, CA

## SKYLIGHTS

EXTECH's skylights can be used to incorporate daylight into schools wherever desired. We've overcome design challenges, such as designing skylights that are flush with the sloped roof at Uno Galewood Charter school.

We have many skylight options to meet your design, from curved polycarbonate skylights to glass skylights. Our skylights are available in many different configurations and feature advanced framing and weather protection.



*Custom roof skylights for a charter school in Chicago, IL*

## CANOPIES

SKYSHADE canopies offer the durability and long lifespan needed for educational facilities. They hold-up in wind, rain, sleet, and snow, and resist UV deterioration. SKYSHADE canopies are designed with lightweight, fully fabricated components that install easily. This makes for quick project deployment, simple maintenance, and cost-savings.

The SKYSHADE can be used to cover walkways, courtyards, or even shade an entryway. They can feature standing seam cellular polycarbonate, solid monolithic polycarbonate sheets, flat-sheet multiwall polycarbonate, or glass. Polycarbonate comes in a variety of translucencies and colors, tailored to the custom application, and reduce glare.



*SKYSHADE courtyard canopy at a college campus in DE*



*SKYSHADE entrance canopy at a school in AZ*