Lighting for Educational Facilities
H.E. Williams, Inc. is well into its third generation of family leadership and still manufacturing products at our facility in Carthage, Missouri, where it all began in 1921. Over the years, technology has evolved, but our values have not.

As an independently-owned American manufacturer, we are simply easier to do business with. We personally and quickly respond to you with answers. We build and ship products with your schedule in mind, and our long-standing promise to produce quality fixtures means fewer field service issues. After 100 years, we’ve found no better way to meet your standards and ours.

At our Midwest headquarters and production facility, every order is handled like it’s the only order. From start to finish, Williams light fixtures are made by hardworking men and women. It’s their job to see that each product is built right.

A lifelong partnership and products we’re proud to put our name on – that’s the Made Right Here difference.
Lighting for Education

Lighting in today’s educational facilities goes beyond the classroom. From lecture halls and corridors to gymnasiums and parking lots, Williams offers the full lighting package.

Proper illumination improves student performance, increases alertness and enhances overall well-being. With a vast product portfolio including dynamic lighting and connectivity solutions, our luminaires are engineered to meet the most demanding environments and designed to deliver a personalized level of light control.

Lighting can be a significant portion of a school’s operating expense. Reduce maintenance costs and maximize energy savings using LED products with integrated controls from Williams.

Delivering a better learning experience through lighting
Dining & Common Areas

Welcome students and visitors by promoting the school brand with tunable lighting while enhancing the architectural details.

For areas such as cafeterias with lofty ceilings, high-performance recessed fixtures deliver ample illumination and are not an obstruction to the space.

Easily control the lighting, gather desired data and minimize energy consumption using Williams Power over Ethernet lighting.

Creating an inviting atmosphere in the heart of the school
MX4 | 4 Inch Continuous Ambient
> Create elegant spaces with a seamless, continuous row of illumination
> Versatile with recessed, surface, suspended and in-wall mounting
> Flat, proud and regressed lenses give designers a variety of looks

PX | Continuous Perimeter
> Use slot, wash or graze distributions to illuminate room perimeters
> Engineered to accommodate straight runs and corners
> Adjustable extensions ensure a perfect fit for every application

RND | Round Architectural
> Supplies soft, uniform ambient illumination
> Combine multiple mounting types to create a unique and modern space
> Available in diameters up to 4’

LC | LED Cylinder
> Available in six standard finishes for high-end design
> Unique mounting options — cable, wall, ceiling and hub
> Provides down or up/down illumination

LT | Troffer
> High-efficacy fixture delivers up to 140 lm/W
> Easily change the color temperature on-site with fieldselect®
> DLC Premium qualified

4D & 6D | 4 & 6 Inch Downlight
> Innovative TrimLock® reflector retention system ensures trim remains flush with ceiling plane
> Industry-leading efficiencies as high as 120 lm/W
> Die cast trim choices include flush, regressed or angled lens

Dining & Common Areas |
Libraries

While still centered around reading and learning, modern school libraries also serve as creative spaces, computer labs and club meeting rooms.

Suspended luminaires from Williams adequately and uniformly illuminate bookshelves from top to bottom while making an architectural statement.

Recessed fixtures are a more traditional option to provide comfortable, glare-free lighting in study areas.

For quiet reading spaces, choose from a broad selection of 2, 4, 6, and 8 inch downlights with dim-to-warm technology to create a calm, relaxing ambience.
Create elegant spaces with a seamless, continuous row of illumination
- Versatile with recessed, surface, suspended and in-wall mounting
- Flat, proud and recessed lenses give designers a variety of looks

Provides soft, uniform lensed illumination for contractor and extruded coves
- Field-adjustable to the nearest inch ensures a perfect fit
- Design spaces quickly with the Linear Product Builder

Combines multiple mounting types to create a unique and modern space
- Available in diameters up to 4’

Sleek, slim architectural design provides direct or indirect light
- Slightly wrapped lens creates glowing edge and smooth illumination
- Suspended and surface mount styles add design flexibility and continuity

Innovative TrimLock® reflector retention system ensures trim remains flush with ceiling plane
- Contemporary design provides glare-free illumination for a soft ceiling appearance
- Slim 5” depth for minimal plenum space applications

Backlit curved lens provides uniform illumination for visual comfort
- Three unique styles create a highly-aesthetic presence
- DLC qualified
Classrooms

Quality LED illumination improves academic performance, enhances student comfort and reduces eye fatigue by eliminating flicker, glare and fixture noise, while appropriate LED color temperatures can affect mood and focus.

Tailor the learning environment to the needs of the class and boost student engagement by selecting tunable white products connected via PoE.

Tunable white and PoE are available in nearly all recessed, suspended, surface and downlight product lines from Williams.

Encouraging improved student performance
AT | Architectural Troffer
- Tunable white available to enhance student performance
- Backlit curved lens provides uniform illumination for visual comfort
- Three unique styles create a highly-aesthetic presence

LT | Troffer
- High-efficacy fixture delivers up to 140 lm/W
- Tunable white available to enhance student performance
- Easily change the color temperature on-site with fieldselect®

LP | Edge-lit Flat Panel
- Slim 2-3/16” depth for shallow plenum applications
- Uniform ambient illumination reduces glare and student fatigue
- Easy to install without the use of tools
- DLC qualified

MXA | 4 Inch Continuous Ambient
- Create elegant spaces with a seamless, continuous row of illumination
- Design spaces quickly with the Linear Product Builder
- Proud, flat and recessed lenses give designers variety

SDR | Suspended Direct/Indirect
- Timeless, low-profile design provides direct and indirect illumination
- Tunable white available to enhance student performance
- Stand-alone & continuous row mounting

LUMI | Architectural Slimline Suspended
- Tunable white available to enhance student performance
- Slim, low-profile design
- Design flexibility with round or square profiles
Auditoriums have unique performance lighting and schedule control requirements. High-output downlighting with dimming features works well for general illumination. PoE connectivity is a smart way to fully automate the lighting.

Adequate illumination is critical in large spaces with high ceilings such as lecture halls. Bring style and function to these key areas by using continuous linear product to create a contemporary look or choose designer cylinders for an industrial flair.

Presenting the audience with a welcoming atmosphere
DR | 8 Inch High Output Downlight
- High-output illumination for tall ceiling applications
- Beam angles ranging from 35º narrow to 65º wide for tailored performance
- Open reflector with 9 finishes to complement any interior style

HC7 & MC7 | 7.5” High/Mid Output Cylinder
- Up to 9,000 delivered lumens
- High-output illumination for tall ceiling applications
- Available in six standard finishes for high-end design

CX | Continuous Cove
- Provides soft, uniform lensed illumination for contractor and extruded coves
- Field-adjustable to the inch ensures a perfect fit
- Tunable color available

AT | Architectural Troffer
- Backlit curved lens provides uniform illumination for visual comfort
- Three unique styles create a highly-aesthetic presence
- Tunable color available

MX4 | 4 Inch Continuous Ambient
- Create elegant spaces with a seamless, continuous row of illumination
- Versatile with recessed, surface, suspended and in-wall mounting
- Flat, proud and regressed lenses give designers a variety of looks
- Available in diameters up to 4’

RND | Round Architectural
- Supplies soft, uniform ambient illumination
- Combine multiple mounting types to create a unique and modern space
- Available in diameters up to 4’
Athletic Centers

Enhance and set the tone for entryways and concessions with architectural suspended and recessed solutions from Williams. Use dynamic lighting to easily transition from a high-energy atmosphere like a sporting event to a prestigious environment such as a graduation.

Rugged, shatter-resistant, high-output LED high bays from Williams withstand the rough and tumble nature of athletic events, while uplighting, dimming protocols and connectivity solutions provide a softer ambiance to set the scene for ceremonies and social gatherings.

Meeting the demanding requirements of multipurpose environments
GP | Performance LED Highbay
  • Scalable to meet the needs of high bay and low bay applications
  • Variable uplight options
  • Tailored performance with narrow, medium and wide distributions and lense options

GL | Low Profile Industrial
  • Shallow fixture depth of less than 4”
  • Narrow distribution and uplight options provide pricise illumination
  • Quick wire access plate for easy installation

GC | Classic Round LED High Bay
  • One-for-one HID replacement
  • IP-65 rated for tough environments
  • Optimize performance with narrow, medium and wide lense options

LC | LED Cylinder
  • Available in six standard finishes for high end design
  • Unique mounting options – cable, wall, ceiling and hub
  • Provides down or up/ down illumination

MK4 | 4 Inch Continuous Ambient
  • Create elegant spaces with a seamless, continuous row of illumination
  • Versatile with recessed, surface, suspended and in-wall mounting
  • Flat, proud and regressed lenses give designers a variety of looks

4D & 6D | 4 & 6 Inch Downlight
  • Innovative TrimLock® reflector retention system ensures trim remains flush with ceiling plane
  • Optional non-conductive lens for shower applications
  • Beam angles ranging from 10º narrow to 65º wide for tailored performance
Corridors & Stairwells

Faculty and students feel safer in well-lit areas. Continuous LED lighting products in ambient, perimeter and cove configurations from Williams provide seamless illumination along the entire corridor, eliminating dark spots and shadows.

Dimming protocols, coupled with occupancy and daylight sensors, save energy and deliver optimum light levels. As corridors and stairwells are frequented less, lights automatically dim, then transition seamlessly to higher lumens as one enters the space. Energy savings are realized without compromising safety and security.

Promoting feelings of safety and security
AT | Architectural Troffer
- High efficacy fixture delivers up to 110 lm/W
- Backlit curved lens provides uniform illumination for visual comfort
- Three unique styles create a highly-aesthetic presence
- DLC qualified

AX2 | 2 Inch Architectural
- Sleek, slim architectural design provides direct or indirect light
- Slightly wrapped lens creates glowing edge and smooth illumination
- Suspended and wall mount styles add design flexibility and continuity

RND | Round Architectural
- Supplies soft, uniform illumination
- Combine multiple mounting types to create a unique and modern space
- Available in diameters up to 4’

CX | Continuous Cove
- Provides soft, uniform illumination for contractor and extruded coves
- Field-adjustable to the inch ensures a perfect fit
- Design spaces quickly with the Linear Product Builder

M04 | 4 Inch Continuous Ambient
- Create elegant spaces with a seamless, continuous row of illumination
- Versatile with recessed, surface, suspended and in-wall mounting
- Diffuse acrylic lens provides uniform illumination for visual comfort

PX | Continuous Perimeter
- Use slot, wash or graze distributions to illuminate room perimeters
- Engineered to accommodate straight runs and corners
- Adjustable extensions ensure a perfect fit for every application

Corridors & Stairways
Preparing academic curriculum for students requires concentration and focus. Service school faculty by using fixtures that deliver uniform, glare-free illumination such as recessed luminaires from Williams.

Personalize the lighting in office spaces with fieldselect®. An innovative solution from Williams, fieldselect® allows the end-user to choose a desired color temperature with its built-in fixture switch.

Stimulating thought and promoting clear decision making
PT | Shallow Plenum Troffer
- Recessed, surface and retrofit kit preserve continuity
- Shave 2-3/8” for minimal plenum space and low-profile surface mount
- Easily change the color temperature on-site with fieldselect®

AT | Architectural Troffer
- Backlit curved lens provides uniform illumination for visual comfort
- Three unique styles create a highly-aesthetic presence
- Hinged door frame swings down for easy room-side access

4D & 6D | 4 & 6 Inch Downlight
- Choose from round and square styles in trim or trimless
- Innovative TrimLock® reflector retention system ensures trim remains flush with ceiling plane
- Die-cast trim includes flush, regressed or wall wash lens

CX | Continuous Cove
- Provides soft, uniform lensed illumination by contractor and estimated covers
- Field-adjustable to the inch ensures a perfect fit
- Design spaces quickly with the Linear Product Builder

M44 | 4 Inch Continuous Ambient
- Create elegant spaces with a seamless, continuous row of illumination
- Versatile with recessed, surface, suspended and-in-wall mounting
- Flat, proud and regressed lenses give designers variety

MX4 | 4 Inch Continuous Ambient
- Create elegant spaces with a seamless, continuous row of illumination
- Versatile with recessed, surface, suspended and-in-wall mounting
- Flat, proud and regressed lenses give designers variety

1SF | Under Cabinet
- Delivers uniform, glare-free back lighting for work areas
- Small profile installs inconspicuously in confined spaces
- Available with attractive rocker switch for easy on/off

Office & Administration | 33
Egress

Well-marked exits and emergency backup lighting is necessary to maintain the safety of students, visitors and faculty.

Williams emergency and exit signs meet UL 924, NFPA Life Safety Code, NEC, OSHA, and local and state codes. Bright and evenly-illuminated signs provide excellent visibility from multiple locations within an area. Create custom messaging for precise wayfinding or important messages throughout the facility.

Nearly all Williams fixtures are designed with an emergency battery backup option to keep necessary lights on when the power goes out. Obtain peace of mind with battery backup providing 90 minutes of emergency operation and a rechargeable fully automatic solid-state system.

Ensuring safety for students, faculty and visitors
Egress | 37

EMER/LED | Emergency LED
- High-performance, adjustable lamp heads
- Wet location available
- Optional high lumen heads

EXIT/EL | Edge-Lit LED Exit
- UV-stabilized edgelit panel provides consistent illumination
- Compact, low profile design
- Ceiling, side, wall mount or recessed

EXIT/EM/LED | Exit & Emergency
- Unique design allows double face conversion in the field
- Adjustable lamp heads
- Optional high lumen heads

EXIT/CA | Cast Aluminum LED Exit
- Three finial finishes
- Compact, low profile design
- Unique design allows double face conversion in the field

EXIT/CA | Cast Aluminum LED Exit
- Three finial finishes
- Compact, low profile design
- Unique design allows double face conversion in the field

EMER/DECO | Decorative LED
- Decorative, low profile, architectural design
- Factory-installed photocell
- Standard operating temperature of 32°F to 122°F

EXIT/DECO | Decorative LED
- Decorative, low profile, architectural design
- Factory-installed photocell
- Standard operating temperature of 32°F to 122°F

EXIT | LED Exit Sign
- Compact, low profile design
- Universal single/double face
- Wet location available

EXIT/EL | LED Exit Sign
- Compact, low profile design
- Universal single/double face
- Wet location available
Site Lighting

A school’s exterior lighting serves as a beacon – welcoming visitors, providing safe passage to and from parking lots and highlighting architectural details.

Williams exterior LED lighting solutions are elegantly designed to accent buildings and blend seamlessly with the surrounding environment.

Our high-performance, energy-efficient luminaires are built for durability and ease of installation.

Illuminate pathways with step lighting and bollards to promote wayfinding. Use flood lights to highlight signage and area lights to provide ample illumination along driveways and parking areas.

Creating welcoming first impressions
VA | Voltaire Area Light
- Complement architecture with low-profile, contoured design
- Illuminate pedestrian walkways and parking lots using two functional sizes
- Shorten installation time with hinged two-piece enclosure

VG | Voltaire Garage Light
- Rugged and durable housing with IP66 rating
- Provides necessary security light levels and reduced glare
- Quick and easy installation with hinged two-piece enclosure

VF | Voltaire Flood Light
- Contoured styling blends seamlessly with landscaping
- Precise light control with six standard NEMA distributions
- Versatile suite of architectural mounting arms

VW | Voltaire Wall Pack
- Choose from two distinct styles: mini and standard sizes
- Design to complement walkways, entryways, perimeters or facades
- Savings of up to 80% energy compared to HID systems

VCB | Voltaire Concrete Bollard
- Two unique styles: archilinear and triarc
- Aesthetically designed to harmonize with a variety of architectural styles
- Provides security and accent lighting for walkways, courtyards and entrances

OSCB | Round Concrete Bollard
- Square and round styles available in 8 inch to 12 inch diameters
- Easy access to internal components
- Natural concrete housing complements gardens, pathways and pedestrian-area applications.
Breathing life into your space with light

Tunable Color
Create rich, vibrant designs with lasting visual impact using the full visible light spectrum to accent architectural elements in common areas and to create an environment that matches the mood during performances in auditoriums.

Tunable White
Enhance academic performance and student comfort through adaptive, individualized lighting using tunable white to promote learning in classrooms, study spaces, and libraries.

Dim to Warm
Mimic the familiar glow of incandescents to create a comfortable, relaxing ambiance using dim to warm to provide soft lighting in libraries and dining spaces.

fieldselect®
Cater to personal preferences in administration areas and private office spaces with fieldselect® technology. Three switchable CCT settings provide color temperature flexibility – 3000K, 3500K and 4000K. spaces with fieldselect® technology.

Visit hew.com/dynamic to learn more.

Dynamic Lighting
Connected Lighting

Optimize light levels, maximize energy savings and manage dynamic lighting by utilizing LED luminaires in conjunction with Williams Connectivity Solutions. Centrally controlled networks, such as PoE, use single, converged IP networked lighting to automate separate building systems into one easily-controlled solution, enabling smart building data collection, analytics and diagnostics.

Powering the entire school, PoE is the ultimate solution for energy management. Meet government and public energy qualifications while saving up to 80 percent. With PoE lighting, ballast and driver failures are eliminated, resulting in increased reliability, lowered maintenance costs and better quality of lighting across the school.

Connectivity solutions integrate more than just building systems. Intelligent systems allow devices such as wireless door locks, surveillance cameras and interactive learning tools, such as whiteboards and projectors to be connected and controlled together. The solution also has remote monitoring capabilities for power failures and, in emergency situations, can serve as a beacon to guide students and staff safely out of harm’s way.

Improve academics and productivity for students, faculty and visitors by using networked lighting to easily modify dynamic lighting, dimming controls and sensors across the facility simultaneously. Pair PoE with tunable white technology to support circadian rhythms and improve learning experiences.

Visit hew.com/poe to learn more.