

Lighting




GraybaR®

Application Based Indoor & Outdoor
Lighting Solutions

A practical guide to choosing the right lighting—space by space.

Every facility has unique lighting needs. By focusing on how each space functions, this guide helps you simplify lighting decisions and identify solutions that can support performance, safety, efficiency and long-term value. Graybar can connect you with proven solutions from trusted manufacturers—so you can move forward with confidence.

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Offices &
Administrative Areas

2

Conference &
Collaboration Spaces

3

Stairs, Hallways
& Storage Areas

4

Parking Areas

5

Security & Perimeter





Indoor Lighting

Common Spaces & Considerations

1 Offices & Administrative Areas



PROBLEM

- Outdated lighting systems can increase energy costs.
- Employee productivity gains of 6-16% and reduced absenteeism were achieved by converting to improved lighting.
(ASID Productive Solutions: The Impact of Interior Design)
- Poor visual comfort can contribute to fatigue and reduced concentration. Research shows lighting quality influences alertness and visual comfort.
(NIH / WELL Building Institute)

SOLUTION

Graybar can help you optimize office lighting with energy-efficient LED fixtures and controls that can reduce energy costs while providing comfortable, consistent lighting that supports day-to-day work and productivity.

2 Conference & Collaboration Spaces



PROBLEM

- Glare can make presentations, video calls and digital displays difficult to view.
- Fixed lighting levels may not provide the flexibility needed for presentations, video conferencing and group discussions.
- Occupational health organizations identify poor lighting as a contributor to eyestrain, fatigue and reduced workplace performance. (CCOHS / OSHA)

SOLUTION

Graybar can help create flexible meeting environments with dimming, controls and lighting solutions designed to improve screen visibility, presentation quality and occupant comfort while enhancing the appearance of conference rooms and customer-facing spaces with a more polished, professional look.

3 Stairs, Hallways & Storage Areas



PROBLEM

- Outdated lighting systems may miss opportunities for energy savings through occupancy sensors, scheduling and automated controls.
- Dim, uneven or outdated lighting can reduce visibility.
- Safety organizations note that inadequate lighting can lead to misjudging the position, shape or speed of objects. (CCOHS)

SOLUTION

Graybar helps improve safety with reliable, uniform lighting solutions that enhance visibility, reduce maintenance requirements and support safer movement throughout the facility.



Outdoor Lighting

Safety, Visibility & Performance

4 Parking Areas



PROBLEM

- Insufficient or uneven lighting can reduce visibility for drivers and pedestrians, creating dark spots and potential safety concerns.
- Without smart controls, parking lot lighting may consume more energy than necessary during low-traffic periods.
- Outdated fixtures can increase energy consumption and operating costs.

SOLUTION

Graybar can help improve parking lot visibility with energy-efficient LED lighting and controls. Lighting accounts for approximately 17% of electricity use in U.S. commercial buildings, making lighting upgrades a significant opportunity to reduce operating costs. (ENERGY STAR)

5 Security & Perimeter



PROBLEM

- Poorly lit perimeters can create blind spots around facilities.
- Inconsistent lighting may impact visibility for security personnel and surveillance systems.
- Low visibility in parking garages and other critical areas can make monitoring more difficult for security personnel.

SOLUTION

Graybar provides perimeter lighting solutions that improve visibility, support surveillance effectiveness and help create a safer environment around buildings, walkways and facility boundaries. Well-designed exterior lighting helps improve visibility and support site security. (IES / CCOHS)



A Simple Approach Helps

Start with the space, define what “good” looks like, then match a solution that supports the outcome.

Our lighting specialists are there to help you every step of the way.



Prepare Your Building for Future Integration

Enable smartphone control, tailor lighting according to user preferences, analyze building usage patterns and seamlessly integrate with building management systems (BMS).

Five Ways to Upgrade Office Lighting

In the ever-changing world of LED lighting manufacturers, features and technologies, there are five strategies you can use to retrofit the lighting in your office building.

RELAMP

Replace fluorescent or HID with LED lamp and existing ballast.

i.e. bathroom, closet, stairwell

- Inexpensive
- Easy Installation
- Life dependent on existing ballast
- Difficult to control



RELIGHT

Replace fluorescent or HID with LED lamp and driver.

i.e. stairwell, bathroom, closet

- Inexpensive
- Electrician needed
- Optimal system compatibility
- Good dimming controls



RETROFIT

Replace existing lamp, ballast and interior with LED Kit.

i.e. office

- Electrician needed
- Better dimming controls
- Change the look of your ceiling with a whole new look for your fixtures



REPLACE

Remove existing fixture and replace with similar light level LED fixture (1 for 1).

i.e. conference room

- Electrician needed
- Best dimming controls
- A whole new look for your ceiling
- Optimal fixture compatibility



REDESIGN

Redesign space and fixtures to recommended light levels with controls.

i.e. lobby, new work space

- Most expensive
- Best payback
- Best options for sensors and digital integration
- Achieve the best lighting distribution and quality for room application
- Redesign your space and lighting to suit your needs





Unlock the Potential of LED Lighting

Installing LED lighting is a great first step toward a brighter, more efficient facility. Pairing LEDs with wireless controls can unlock even greater savings, flexibility and convenience—making it easier than ever to modernize your office.



Save Up to 30% More Energy with Wireless Lighting Controls

Automatically turn lights on/off, dim unoccupied spaces and adjust lighting based on available daylight to maximize energy savings.



Wireless Lighting Controls Have Evolved

Today's wireless controls are more affordable, reliable, easier to install without wiring, compatible with virtually any fixture or BMS, and can be managed from a smartphone app.



Smarter Asset Tracking

Fixture-mounted sensors can track building assets and monitor the movement of equipment and objects throughout your facility.



Impact on Worker Productivity

Controls can adjust light color temperature to simulate the sun and assist our human circadian rhythm.

A Clear Path Through Lighting Decisions

How Graybar Supports Your Lighting Selection

Your Priorities	Your Spaces	The Right Solution for Each	Your Renovation Roadmap
▪ Performance, safety and comfort goals ▪ Budget, lifecycle, and maintenance expectations ▪ Consistency across similar spaces	▪ Offices, conference rooms, corridors, storage, parking, perimeter ▪ How each space is used—and by whom ▪ Differences between similar spaces that impact outcomes	▪ Application appropriate lighting approaches ▪ Proven options from trusted manufacturers ▪ Solutions that balance performance, quality, and availability	▪ Opportunities to standardize where it makes sense ▪ Planning for maintenance, replacements, and future upgrades ▪ Reducing disruption as needs evolve

Lighting Services

Graybar can help simplify your lighting project with design, planning and logistics services tailored to your needs.



Material Kitting & Fixture Carts

- Custom kitting by building, floor, room or electrician
- Complete component kits ready for assembly or installation
- Fixture carts organized by room or floor to improve productivity and reduce waste
- Reduces the need for skilled labor to manage materials on site



Lighting Design & Planning

- Proven fixture and lighting control recommendations
- Training on the latest fixtures, controls and code requirements
- Pre-job planning meetings to identify challenges, material needs and delivery schedules



Staging, Storage & Delivery

- Local warehousing and staged material delivery when and where needed
- Shipment inspection to verify correct, undamaged fixtures before delivery
- Just-in-time delivery to reduce jobsite clutter and improve efficiency



Preassembled Installation Solutions

- Ready-to-hang fixture assemblies
- Pre-wired fixtures and fixture whips to accelerate installation
- Reduced labor requirements and faster project completion



Project Management

- Dedicated project management team to coordinate ordering, tracking and delivery
- Helps keep projects on time and on budget
- Integration with project management software for greater visibility and coordination



Systems Integration

- Integration with procurement, accounting and project management systems
- Electronic purchasing capabilities
- Real-time access to critical project information across the project lifecycle

Let's Talk Through Your Space

Graybar helps align lighting solutions to how each space is used—offices, storage, corridors, parking and perimeter areas—so you can get practical results, long term consistency and fewer surprises down the road.



Graybar, a Fortune 500 corporation and one of the largest employee-owned companies in North America, is a leader in the distribution of high quality electrical, communications and networking products, and specializes in related supply chain management and logistics services.

Graybar has the power and stability of a big company and the integrity and drive of an employee-owned business. Graybar is certified against the latest ISO 9000 standard. Discover how Graybar can work to your advantage.



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