ELP ENGINEERED LIGHTING PRODUCTS

INNOVATIVE ILLUMINATION

Contents

History and Vision

It was a simple curve, sketched by Ralph Swarens on a paper napkin at his favorite coffee shop back in 1985, that shaped the beginnings of a revolutionary little lighting company. Mr. Swarens had a passion for solving problems from new and creative angles. And his conception of "The Perfect Reflector Curve" did exactly that. He patented the idea, and utilized his extensive knowledge of new lighting technologies to produce the first recessed, linear, fluorescent wall washer. It's an engineering design that's still perfect today, beautifully illuminating environments without glare, using fixtures that optimize the lamp source and provide an appropriate quality and quantity of light for the task.

Today, Engineered Lighting Products (ELP) continues to bring inventive ideas to light. And we invite you to see our latest on the pages that follow. Like Mr. Swarens, our experienced, long-term staff maintains a true vision for quality, superior performance, harmonious design and flexibility. We like to think this vision, combined with excellent technical assistance and customer service, is the reason for our continued growth and success.

We hope you appreciate our efforts.

Toni Swarens

Toni Swarens

CEO

Architect: Crafton Tull Sparks, Photographer: Jon B. Petersen

NO VISIBLE TRIMS OR HARDWARE.
THE PERFECT COMPLEMENT TO GREAT ARCHITECTURE.

Cast Gypsum Luminaires

This contemporary interpretation of Gothic style architecture was a stunning success for the Asbury United Methodist Church. The entryway's lofty peaked ceiling and expansive dimensions were designed to inspire a sense of awe. Additionally, designers used our #155BX-HITW8x29, "Hole In The Wall" fixtures to fill the space with volumes of indirect light to evoke a feeling of God's presence. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the wall, while the metal fixture housing is nestled within.

Architect: Davis Partnership Architects, Specifier: Onie Chamberlain, Centerline Resources, Inc. Photographer: Ron Ruscio

CAST GYPSUM LUMINAIRES

Light, as far as the eye can see. And not a hint of hardware or metal trim to be found. That's the beauty of our innovative "Hole In The Wall" fixtures used to light the Great Room in this contemporary Colorado home. To enhance the picturesque view of the vast landscape beyond, general lighting is cast from four sides. Our fluorescent #126QD-HITW6x13 fixtures on the glass wall are recessed into the pillars framing the windows, ensuring a scene that's every bit as beautiful within. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the pillars, while the metal fixture housing is nestled inside.

Architect: Davis Partnership Architects, Specifier: Onie Chamberlain, Centerline Resources, Inc. Photographer: Ron Ruscio

CAST GYPSUM LUMINAIRES

Lighting this expansive space indirectly from four sides adds both volume and interest to this spectacular room. Blending perfectly with the clean architectural lines, our unobtrusive, #155BX-HITW8x29 “Hole In The Wall” fixtures are actually part of the gypsum wall. Sight lines from both floor levels were considered when determining the mounting height, so that the hardware and lamp are never visible. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the wall, while the metal fixture housing is nestled within.

Specifier / Photographer: Buddy Vance

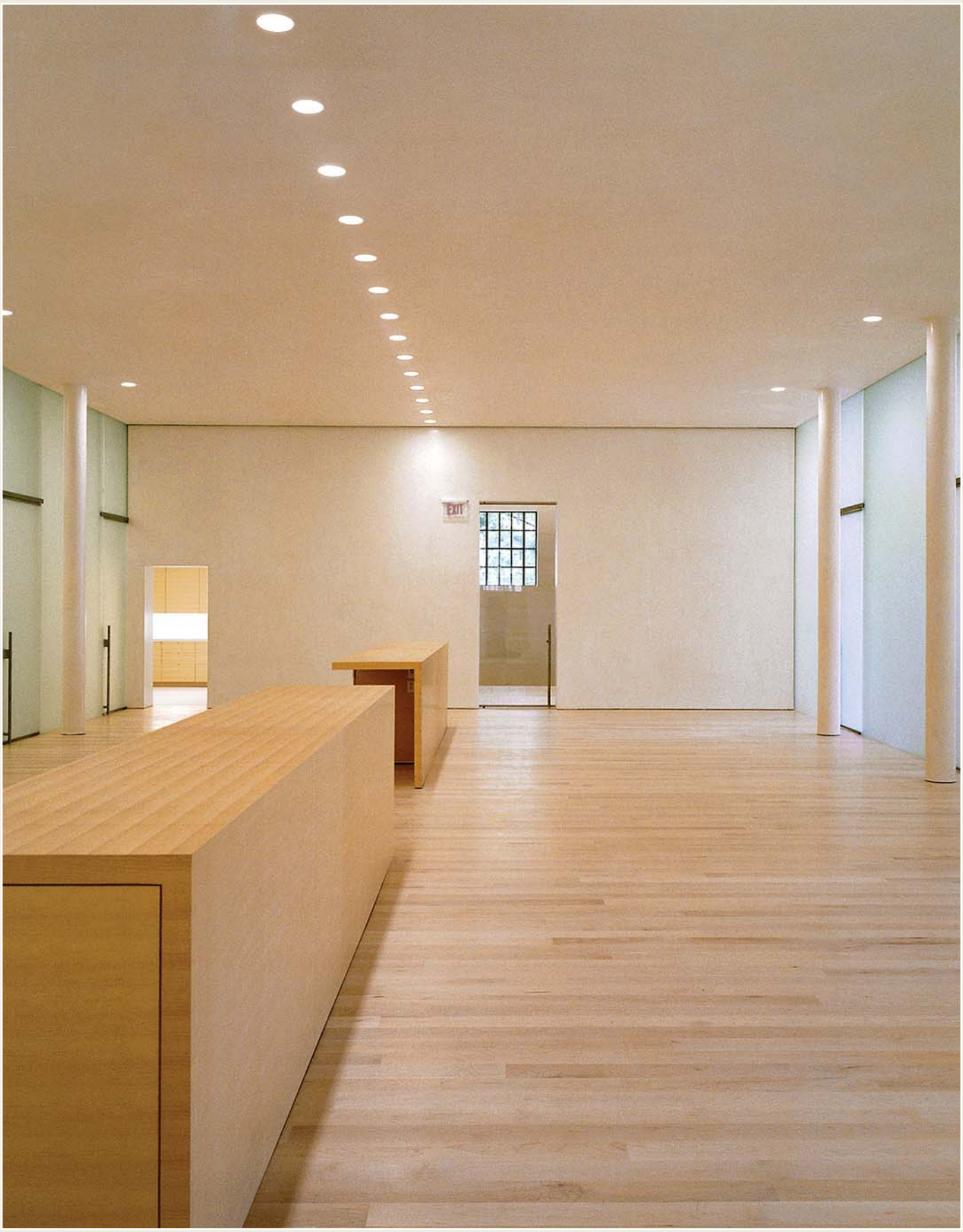
CAST GYPSUM LUMINAIRES

The Vance Residence carried the modern lines of the contemporary kitchen through to the lighting with the clean minimal look of the square aperture “Hole In The Ceiling” fixtures. The 8˝ aperture, #190PAR-HITCS-8 fixtures were used for general lighting and can easily be dimmed to fetch that midnight snack. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the ceiling, while the metal fixture housing attaches above.

Architect / Specifier: Trahan Architects, Photographer: Timothy Hursley

CAST GYPSUM LUMINAIRES

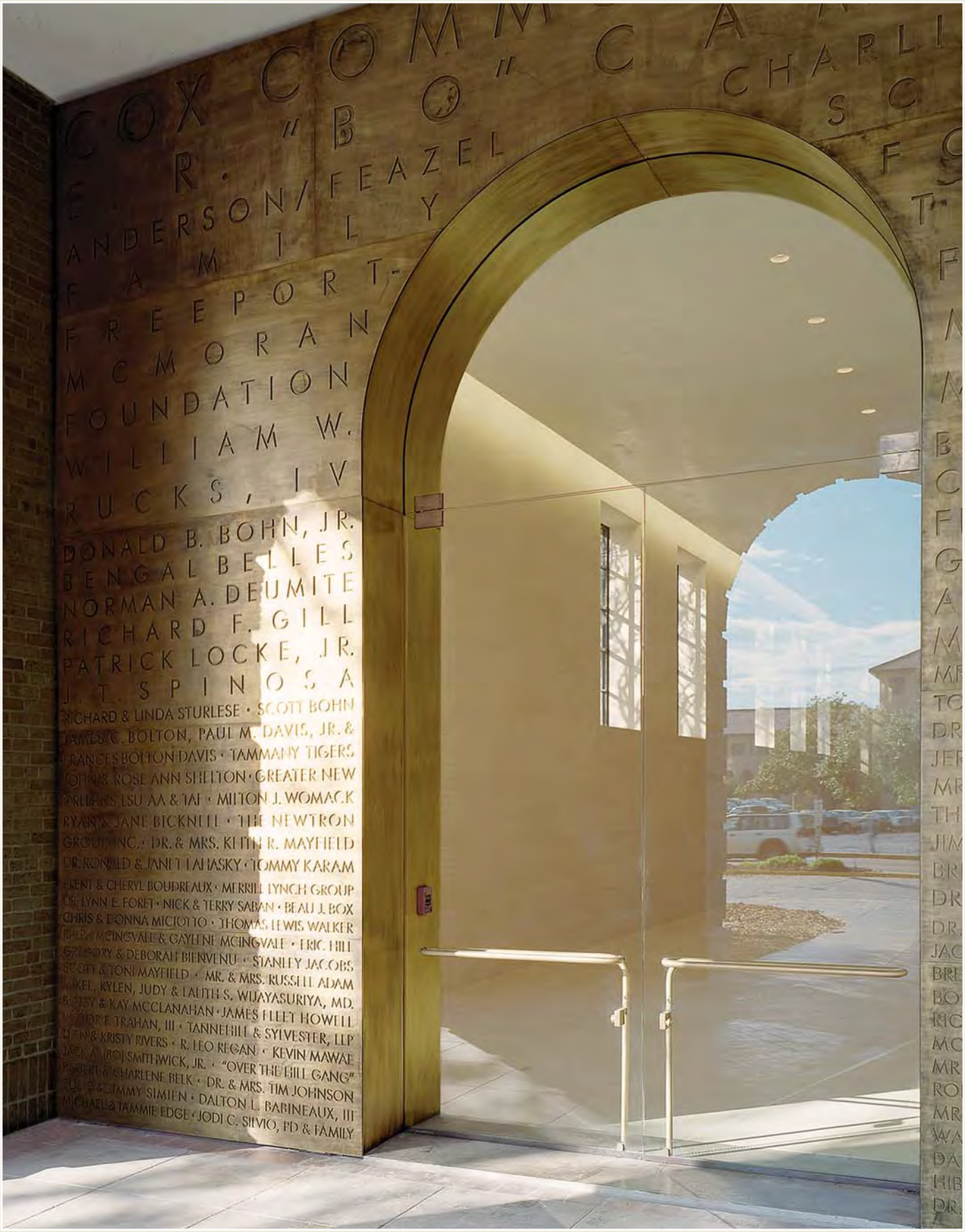
Louisiana State University utilized several models of our cast “Hole In The Ceiling” fixtures as part of the renovation of the Cox Communications Academic Center for Student Athletes. The 8˝ aperture, #242TT-HITCR-8 fixtures were used to illuminate the lounge areas of this modern computer lab. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the ceiling, while the metal fixture housing attaches above. The result is an environment with just the right amount of light, and virtually no glare.



Architect / Specifier: Trahan Architects, Photographer: Timothy Hursley

CAST GYPSUM LUMINAIRES

Architects and designers seek opportunities to combine function and form. In this case, the clean, no-trim look of our “Hole in the Ceiling” fixtures is a beautiful and practical fit for the pristine Administration Center of Louisiana State University’s Academic Center. Our 6˝ aperture, #226TT-HITCR-6 fixtures were used to illuminate work counters that run the length of the space, as well as accent the interesting pillars spaced along the sides.The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the ceiling, while the metal fixture housing attaches above.



Architect / Specifier: Trahan Architects, Photographer: Timothy Hursley

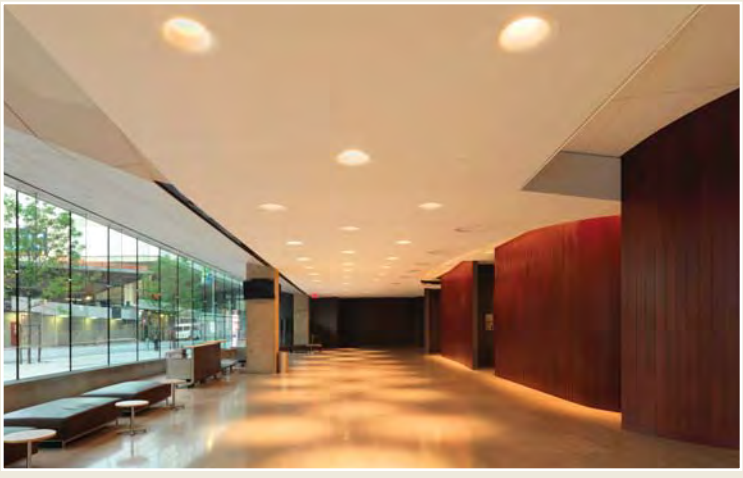
CAST GYPSUM LUMINAIRES

A unique donor wall graces the entrance to Louisiana State University's Academic Center, spotlighting those who made the renovation of the 54,000 square-foot facility a reality. Our "Hole In The Ceiling" fixtures illuminate the pristine interior just beyond the glass doors. With our large selection of lamps and apertures, this architect was able to utilize several styles throughout the project. Each creates an aesthetic quality of light in which the architecture can shine.

Architect: Diller, Scofidio + Renfro with FXFLWLE, Specifier: L'Oservatoire International, Photographer: Andy Ryan

CAST GYPSUM LUMINAIRES

Pure elegance inspired by the softly flared bell of a horn instrument. These “Hole In The Ceiling” lighting fixtures were designed for the Juilliard School of Music lobby renovation for Tully Hall at the Lincoln Center in New York City. The unique down lights beckoning throughout the lobby, allude to the musical wonders beyond. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the #1150PAR-HITCRC-18 fixture blends with the ceiling, while the metal fixture housing is attached above.



Architect: Smith Group, Specifier: Affiliated Engineers, Photographer: David Wakely

CAST GYPSUM LUMINAIRES

Entering this immaculate reception area of the Lawrence Berkeley National Laboratory, the lighting steps towards the windows beyond and draws you through to study the spectacular view. A perfect complement to the architecture and furniture, the 8˝ square aperture “Hole In The Ceiling” #226TT-HITCS-8 carries the angular theme to the ceiling. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the ceiling, while the metal fixture housing is attached above.

Architect / Specifier: MOA Architecture, Photographer: Frank Ooms

CAST GYPSUM LUMINAIRES

Planes, surfaces and interesting beams of light define this thoroughfare. The jutting walls along the corridor are further accentuated with our #126TT-HITW8X8 “Hole In The Wall” fixtures. Placed properly, the cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the wall, while the metal fixture housing that is nestled within is above eye level. This beautiful LEED certified space that MOA Architecture created for themselves definitely keeps their creativity in overdrive.

Architect / Specifier: Add Inc., Photographer: Andy Ryan

CAST GYPSUM LUMINAIRES

This corporate café is a lively, invigorating space. The lighting design for the high-tech company with random “dashes” of white and vividly colored rectangles is meant to be reminiscent of the old, original computer data cards. Our “Slot In The Ceiling” #139BX-SITC, SITC Series down lights create the computer card “dashes” in the ceiling. Once installed, the cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the ceiling, while the metal fixture housing is attached above. The cascade of color from the fixtures is a refreshing surprise.

Architect / Specifier: Elliott & Associates Architects, Photographer: Hedrich Blessing

CAST GYPSUM LUMINAIRES

This clean, crisp interior is designed to “pop” the Pop! At Pops Route 66 it’s all about the soda. Our #242TT-HITCS-8 “Hole In The Ceiling” fixtures unobtrusively provide general down lighting throughout the space. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the ceiling, while the metal fixture housing attaches above. Against the walls, illuminating products, displays and features, are continuous rows of our #154T5WWAKCC, AK Series wall wash fixtures.

Architect / Specifier: Gonzalez Goodale Architects, Photographer: Mark Dell'Aquila

CAST GYPSUM LUMINAIRES

Light fills this large square foyer with or without the sun! Clerestory windows allow light to pour in from the skies while below our continuously mounted #255BX-HITW8X54 “Hole In The Wall” fixtures mimic the light from within. The architect’s design precisely cuts and joins individual fixture castings to mount them end to end. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the wall, as one continuous slot, while the metal fixture housings are nestled within.

Architect: Thomas Miller & Partners, Specifier / Engineer: Smith Seckman Reid

CAST GYPSUM LUMINAIRES

Multi-layers of indirect illumination allow different lighting schemes in the exam rooms of the Baptist Hospital NICU. Mounted to the wall, ELP's pre-fabricated cove system, the CLC Series, helps to provide a comfortably bright exam room or much softer setting if required. The decorative cast GRG (Glass Fiber Reinforced Gypsum) portion of the #232T-8CLC-C-10 cove attaches and blends with the wall, while the metal reflector/ballast attaches within, shielded from view.

Architect: Thomas Miller & Partners, Specifier / Engineer: Smith Seckman Reid

CAST GYPSUM LUMINAIRES

The significance of the nursing station hub is visually communicated with framing structures and lighting from above and below. Each of the formidable pillars have a #126TT-HITW8X8, “Hole In The Wall” fixture installed. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixtures blends and becomes part of the wall, while the metal fixture insert is attached and hidden inside.

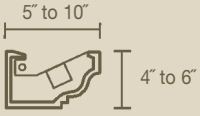
Architect / Photographer: Armando Ruiz Associates, Specifier: Bridget Williams Lighting Design

Architect: Gensler & Associates, Photographer: Mark Dell'Aquila

HITW Series

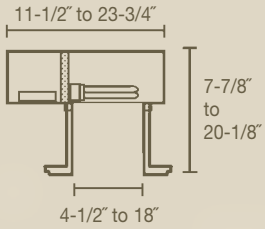
Architect: Riddick & Associates, Engineer: Pace Collaborative, Photographer: Christian Wildman

CAST GYPSUM LUMINAIRES

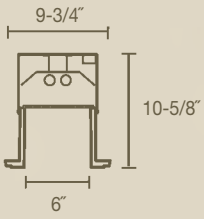


Cornice Cove · CLC Series
Five decorative styles

Hole in the Wall · HITW Series
Square, arched & round apertures



Hole in the Ceiling · HITC Series
Square & round apertures



Slot in the Ceiling · SITC Series
Continuous Row & Individual

Architect: Gary Edward Handel & Associates, Specifier: Ann Kale Associates

Indirect Lighting

Skillfully applied indirect lighting welcomes you into the Lincoln Triangle lobby. As well, the lighting balances the dark finishes so they don't overwhelm the space. Our #126QD-HITW6X13 "Hole In The Wall" fixtures along the wall add to the unusual geometric shapes and motif of the space, without adding glare. The cast GRG (Glass Fiber Reinforced Gypsum) portion of the fixture blends with the wall and there is no metal trim or lamp within view. The indirect lighting theme carries through the lobby and peaks at the reception desk.

Architect: PHH Environments, Engineer: R.E. Wall & Associates, Inc.

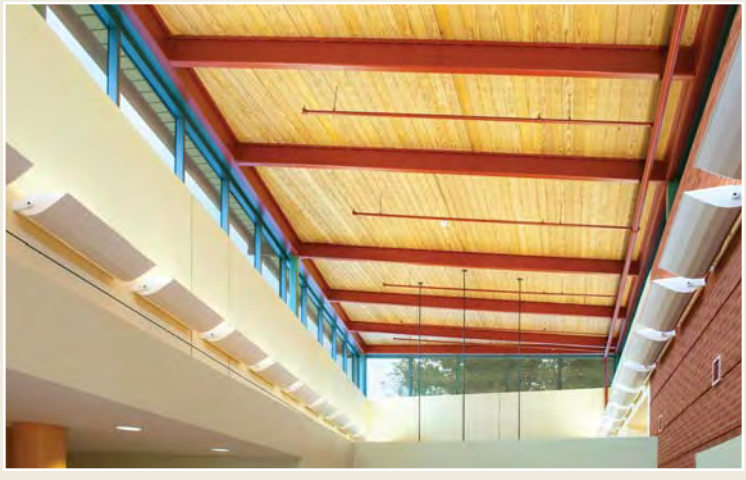
INDIRECT LIGHTING

This floor wash design used at Home Savings of America is an effective way to scale back lighting in the evening, yet still provide safe passage for employees that may be working late. The “Trimless” AK Series fixture #113PLWW-AK-TL-MOD provided here was modified slightly to accommodate the marble finish on the wall. The standard “Trimless” option allows the gypsum wall finish to end right at the edge of the lighted opening for a clean construction appearance.

Architect: PSA Dewberry, Specifier / Engineer: S3K Klingemann, Photographer: Chris Spielmann

INDIRECT LIGHTING

Always bright, lighting up ideas and the future, the Oakton Library stands ready to explore. Abundant natural light saturates the space while ELP #454T-5WW-A-15-FL-Y, A15 Series fixtures, await the dusk. From two sides, they indirectly reflect light from the ceiling to rain down into the aisles. The results are very comfortable, day or night and quite conducive to learning.



Interior Designer/ Specifier: MBT Interiors

INDIRECT LIGHTING

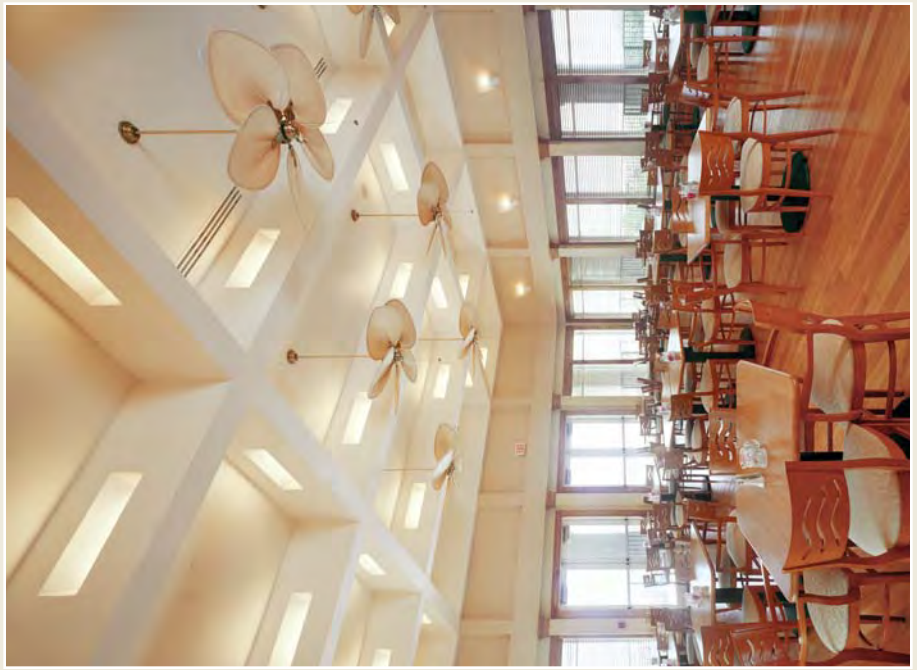
MBT architects found that lighting planes and surfaces can be a very dramatic way to add dimension and volume to your space. The luminaires shown here do exactly that by lighting the side wall of the lobby with a continuous row of #240BXWW-AKTB, AKTB Series fixtures and the ceiling along the corridor with the #139BXWW-AK, AK Series. Light levels along the corridor are 15.9 Footcandles.

IES lighting standards recommend between 10-20 Footcandles for this type of corridor area in offices.

Architect: Thomas Miller & Partners,
Specifier / Engineer: Smith Seckman Reid

Specifier: Mar Vista Sales, Photographer: Mark Dell'Aquila

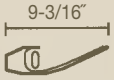
IDTB Series



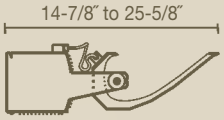
Architect: John Thompson, Specifier: W.K. Dickson, Photographer: Jerry Markatos

INDIRECT LIGHTING

A6 Series

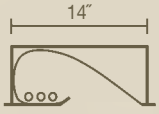


A9 Series



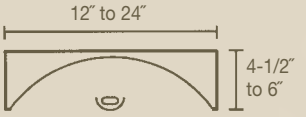
A15 Series

AK Series
AKCW Series
AKS Series

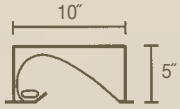


CW Series
CWCC Series
CWS Series
CWTB Series

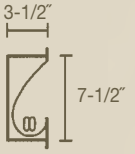
HITW Series



ID Series
IDTB Series
IDS Series

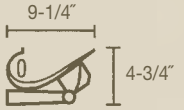


IW Series
IWCC Series
IWS Series
IWTB Series



Mini Series

MP Series
MPCW Series
MPS Series



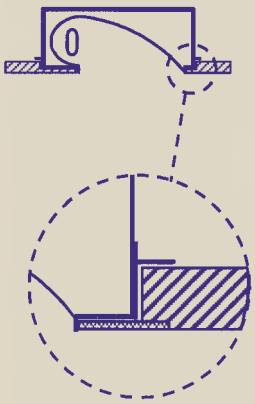
SY Series

Specifier: Robert Tant Lighting Design, Photographer: Mark Dell'Aquila

ENTICE WITH LIGHTING, AND ANY
VERTICAL SURFACE CAN BE YOUR CANVAS

Wall Wash & Merchandise Lighting

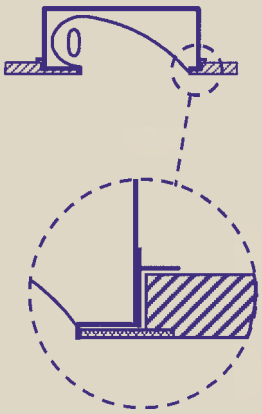
We have a knack for putting a name in lights. At this Wilsons Leather store, the lighting designer needed the high performance of our patented reflector system, but wanted the fixture to have minimal intrusion into the architectural space. Our “Trimless” option for the AK Series #240BXWW-AK-TLD was the perfect fit. In fact, this exciting alternative is offered for all of our recessed hard ceiling fixtures.



Specifier: Robert Tant Lighting Design, Photographer: Mark Dell'Aquila

WALL WASH & MERCHANDISE LIGHTING

Our “Trimless” option was used for these AK Series #240BXWW-AK-TLD fixtures, also in Wilsons Leather. The design allows the ceiling finish to end right at the edge of the lighted opening for a clean construction appearance. Excellent light levels and uniformity are provided for product viewing, with the fixtures mounted 3 feet from the merchandise and 8 feet on center. The quality of light appropriately accentuates the quality of the product.



Specifier: E. Effron, Photographer: Mark Dell'Aquila

WALL WASH & MERCHANDISE LIGHTING

Sometimes it all comes down to what's on the packaging. In this case, excellent vertical and horizontal merchandising light levels (180 FC average) were provided to help display product and make labels easier to read. Bristol Farms store designers chose to attach the fixtures to a decorative structure secured to the islands. For the comfort of shoppers, louvers provide lamp shielding on these SY Series, #255BXWW-SY fixtures.

The ratio between the illumination on the merchandise and light levels for customer evaluation is well within the 3 to 1 ratio recommendation of the IES.

Photographer: Rosanne Olson

WALL WASH & MERCHANDISE LIGHTING

In an ad agency, the space needs to be conducive to bright ideas. So, to invigorate the neutral tone decor of their offices, Cole & Weber chose to use bold accents of color on certain walls. Two of our AKC Series fixtures #240BXWW-AKCC were used to further emphasize the brilliant hue and logo. The fixtures mount end to end to create an 8 foot continuous unit.

Photographer: Rosanne Olson

WALL WASH & MERCHANDISE LIGHTING

The advertising philosophy at Cole & Weber cannot be overlooked when illuminated with three of our AKC Series #240BXWW-AKCC fixtures. The 4´ housings mount end-to-end to provide a continuous 12´ run. Although even illumination may be attained without mounting luminaires end-to-end, many designers prefer the look. We can provide continuous runs in many lengths by using a combination of 2´, 3´ and 4´ fixtures.

Specifier: Pacific Lightworks, LLC, Photographer: Earl F. Levin, LC

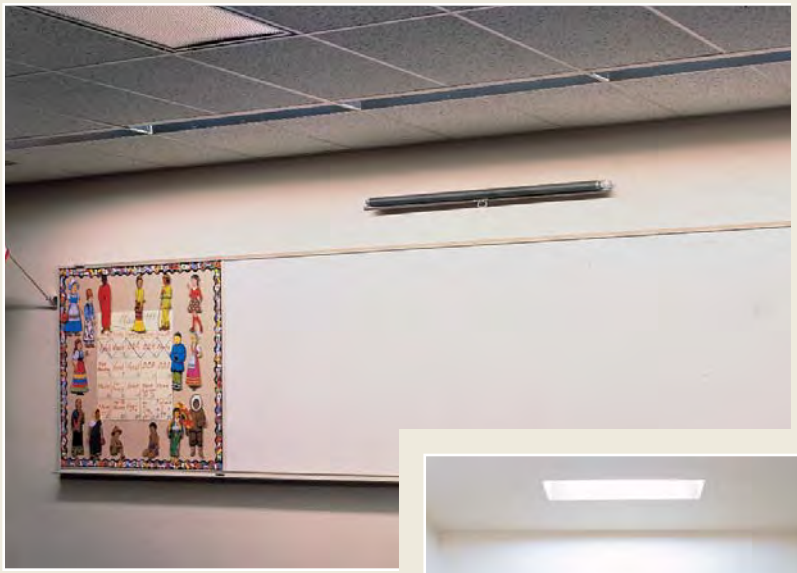
WALL WASH & MERCHANDISE LIGHTING

The warm focused lighting in the University of Oregon Football locker room was designed to create a sense of pride and camaraderie. Its many rooms are a place to bond, learn and even meditate. ELP's DW Series #154T-5DW-CC-LV fixtures wash the face of the lockers. Designed for close placement to the wall, the fixtures also direct light backwards, to help comfortably illuminated the space indirectly. This 2003, GE Edison *Award of Merit*, lighting design achieved 0.77 watts per square foot, which was well below the allowed 1.4 watts.

Designer/Specifier: McCabe Design, Photographer: Michael Sean

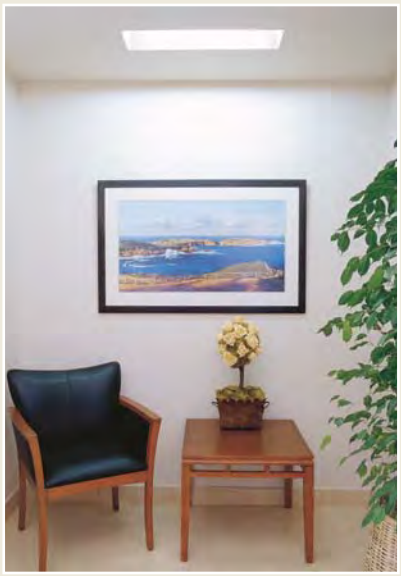
WALL WASH & MERCHANDISE LIGHTING

The six fixtures lighting this waiting room at Wilbur Medical Plaza create drama and contrast as they light the entire room by lighting the walls. Additionally, these six AKTB Series #140BXWW-AKTB fixtures provide an average of over 40 horizontal Footcandles so that patients have an ideal environment for reading while they wait.



Specifier: Greer S.J.C.F. Inc.

Photographer: Rosanne Olson



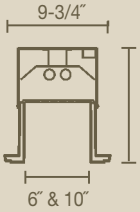
Specifier: Mar Vista Sales,
Photographer: Mark Dell'Aquila

Specifier: Ann Kale Associates

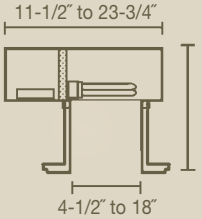
General Down Lighting

SC Series
Down Light

DL Series
DLCC Series
DLTB Series



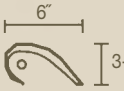
SITC Series
Slot In The
Ceiling



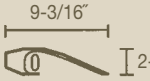
HITC Series
Hole In the
Ceiling
Down Light

WALL WASH & MERCHANDISE LIGHTING

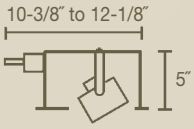
Adjustable & Wall Wash



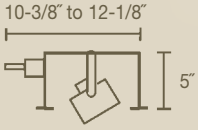
A6 Series



A9 Series

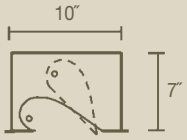


AA Series
AACC Series
AATB Series

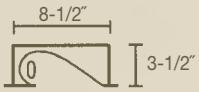


AAD Series
AADCC Series
AADTB Series

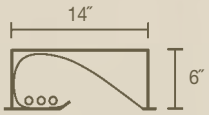
AAM Series
AAMCC Series
AAMTB Series



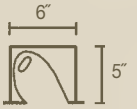
AWW Series
AWWCC Series
AWWS Series
AWWTB Series



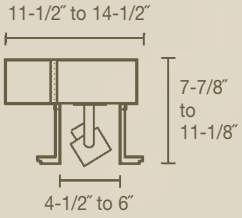
AK Series
AKCC Series
AKS Series
AKTB Series



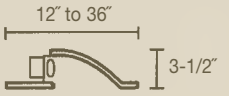
CW Series
CWCC Series
CWS Series
CWTB Series



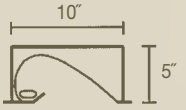
DW Series
DWCC Series
DWS Series
DWTB Series



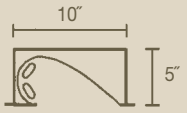
HITC Series
Hole in the Ceiling
Adjustable



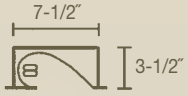
HITW Series
Hole in the Wall
As Wall Wash



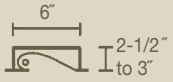
IW Series
IWCC Series
IWTB Series
IWS Series



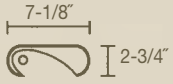
MAXI Series
MAXI-CC Series
MAXI-S Series
MAXI-TB Series



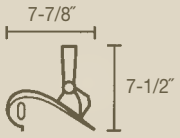
MINI Series



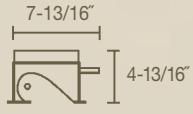
MP Series
MPCC Series
MPS Series
MPTB Series



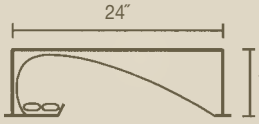
SC Series
Wall Wash



SY Series



TH Series



VT Series
VTS Series
VTTB Series

Architect / Engineer: Frankfurt-Short-Bruza Associates, P.C., Photographer: Margret M. Bruza Images provided courtesy of Frankfurt-Short-Bruza Associates, P.C.

Cove Lighting

This beautiful Dome structure, now the crowning glory of the Oklahoma State Capitol, was 88 years in the making. After decades of funding problems, a grassroots effort was started in 1988 to support reconstruction of the dome through private funding. Frankfurt-Short-Bruza Associates completed drawings in 2001. After tremendous effort and fundraising, the 157´ dome was completed in 2002. Most of the interior dome illumination comes from four tiers of #254T-5CLLP, CLLP Series cove lights within the structure.

Specifier: Rosenberg & Associates, Photo: University News Service

COVE LIGHTING

This University library reading room affords a panoramic view of the campus and the hills beyond, while providing a comfortable and quiet atmosphere to study. The space was refurbished in the late ’90s and a cove lighting system was added to the perimeter of the room. The one-lamp #132T-8CL, CL Series cove lights were utilized in an economical ″master & satellite″ configuration so the ballast in one fixture runs the lamp for two fixtures.

Architect: Marcellus Wright Cox & Smith, P.C., Specifier: H.C. Yu & Associates, Photographer: Christian Wildman

COVE LIGHTING

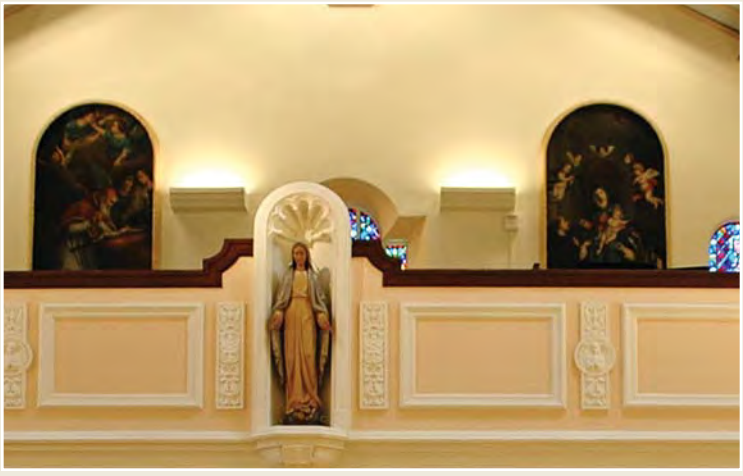
St. James Episcopal Church was carefully refurbished after a devastating fire in 1994. A cove lighting system allowed them to accentuate the expansive ceiling and decorative cornice while adding to the ethereal feel of the space. Our #255BXCL, CL Series cove lights indirectly illuminate this sanctuary from 32´ above the floor along both sides of the 100´ length. Light is reflected off of the 42´ high ceiling resulting in maintained light levels between 25-29 Footcandles at 2´-6˝ height.

IES lighting standards recommend a minimum of 20 Footcandles for reading printed material in these types of spaces.

Specifier: Bridget Williams Lighting Design, Photographer: Mark Dell'Aquila

COVE LIGHTING

The award winning lighting design for the Dominican Sister of Mission San Jose Chapel creates a warm and welcoming space for worship. It is indirectly illuminated using our #255BXCLC-A-10, CLC Series cove lighting system. A decorative cast GRG (Glass Fiber Reinforced Gypsum) cove is supplied in 8´ sections. The cove pieces are attached to the wall and joined to look like a continuous, custom-built decorative cove. High performance fixture/reflector sections are then attached within. Separate 2´ sconces were also done to match.

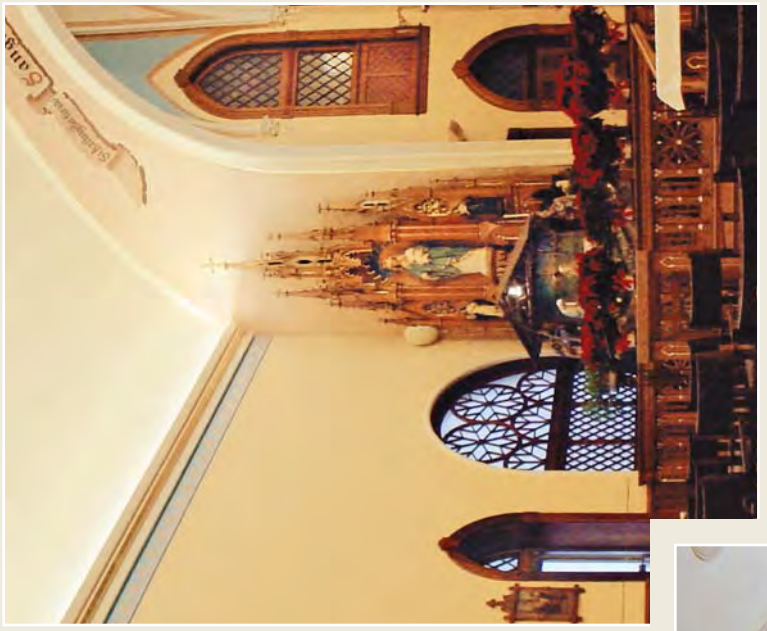


Specifier: Bridget Williams Lighting Design, Photographer: Mark Dell'Aquila

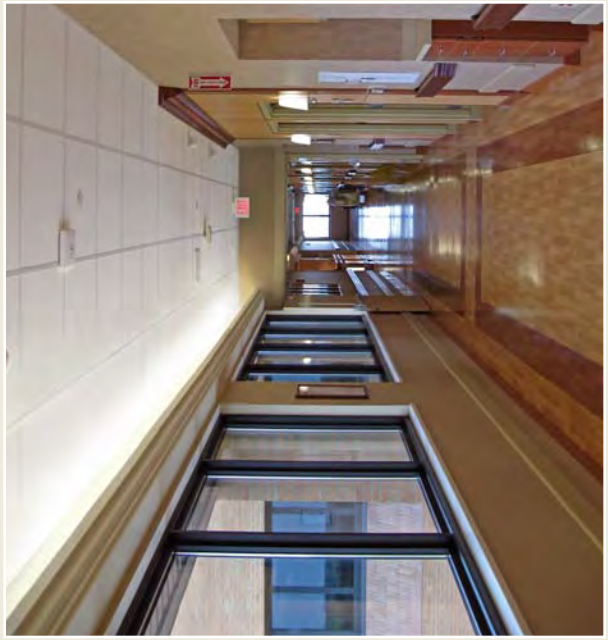
COVE LIGHTING

Extreme contrasts in the sanctuary of St. Gregory Catholic Church add to the ethereal feel of the space. Bright celestial ceilings above are distinguished from the dark, earthly richness below. The ceiling and upper walls are indirectly illuminated with our #255BXCLM-SW, CLM cove lights. Because of budget constraints, an actual cove was not built and our fixtures were provided with a clean, exterior finish to mount directly to the wall in a continuous row, in full view.

Architect/Specifier: Garmann/Miller Architects & Engineers

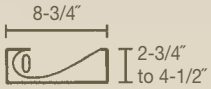


Architect: HDR Architecture, Inc., Specifier: GHR Engineers & Associates Inc., Photographer: Bruce Jahnig

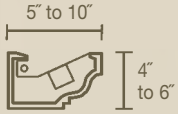


Architect/Specifier: H. Michael Youngman, AIA Architect

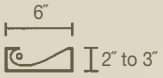
COVE LIGHTING



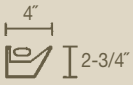
CL Series



CLC Series



CLLP Series



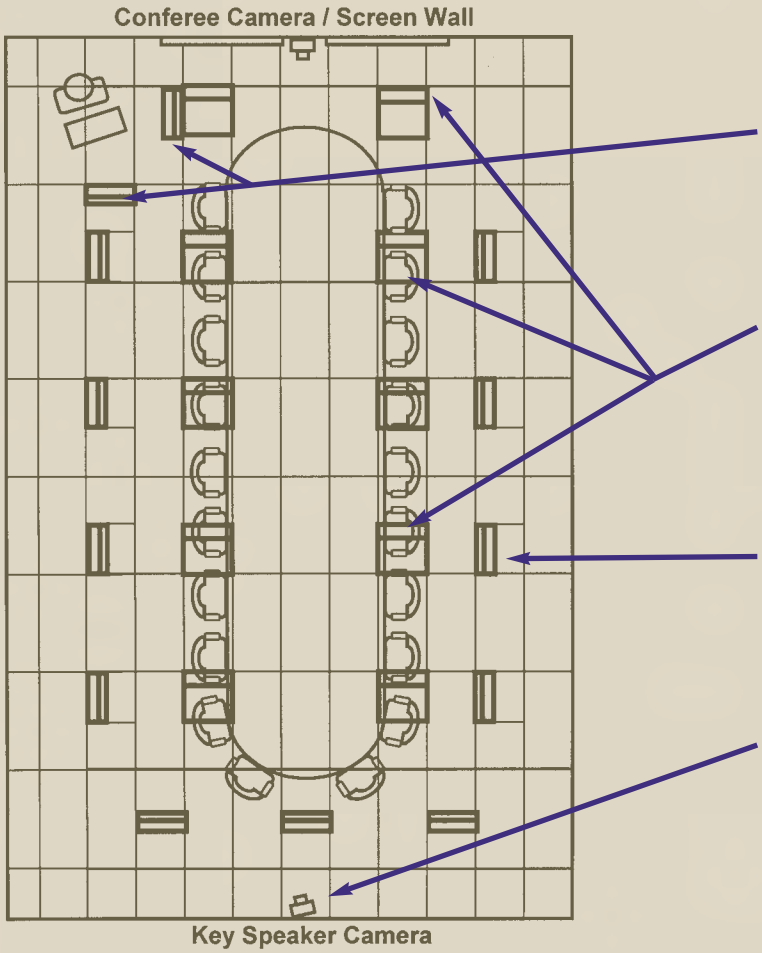
CLM Series

Allow us to shed some light on the subject of cove lighting. When basic strip lights are used in a cove, they simply accent an interesting architectural detail. On the other hand, using actual cove light fixtures provides predictable, functional lighting to uniformly illuminate your ceiling and your space.

Specifier: Leelite Design, Photographer: Mark Dell'Aquila

THE FIRST RULE OF BUSINESS:
MAKE SURE THEY SEE YOU IN YOUR BEST LIGHT.

Video Conference Lighting



The video conference room at Econolite Control Product utilized the following considerations in their design.

Light a Key Speaker with a wall wash type fixture. The IW, IWTB and IWS Series have a hidden lamp for comfort.

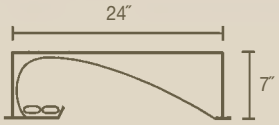
The VT, VTTB and VTS Series indirect 2´ x 2´ fixtures provide vertical illumination in three directions to comfortably illuminate the participants without direct lamp glare.

Lighting the walls allows added control to balance the lighting in the room for video conferencing.

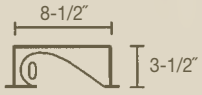
The camera for the key speaker is typically mounted at the ceiling with a tight focus on the speaker. The camera would not have the ceiling or lighting fixtures in view.

Photo by Architect: Kevin Roche Jon Dinkeloo and Associates, Specifier: Renfro Design Group, Inc

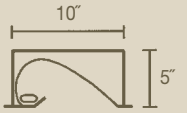
VIDEO CONFERENCE LIGHTING



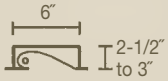
VT Series
VTS Series
VTTB Series



AK Series
AKCC Series
AKS Series
AKTB Series



IW Series
IWCC Series
IWS Series
IWTB Series
IWTB45 Series



MP Series
MPCC Series
MPS Series
MPTB Series

Continuous #250BXVT-CC, VT Series fixtures were used in the Knights of Columbus Boardroom to complement the four-sided seating arrangement. The designer wanted a specific look for the corner fixtures of this rectangular layout. To provide the consistent appearance required, custom corner inserts were designed to continue the lines and pattern created by the fixtures themselves in the ceiling.

Photo by Specifier: Robert Tant Lighting Design

NIGHT LIGHTING PROVIDES BUILDING IDENTITY, SAFETY AND COMFORT.

Exterior Lighting

The façade of this Kaiser Permanente Medical Center is brightly illuminated so the structure becomes a warm comforting beacon from a distance. The reflected light scatters over the walkways around the perimeter of the building and contributes to the ambient illumination. Three sides of this building were illuminated with (56) #255BXCP, CP Series fixtures using only 6,380 watts.

Architect: Dworsky Associates, Specifier: Cohen & Kanwar Inc., Photographer: Robin A Higgin

EXTERIOR LIGHTING

How much light is right? It could be the single most important factor in an exterior lighting decision. Designers for the Doheny Eye Hospital wanted safe nighttime light levels for these walkways. Our shallow #226QDWLS, WLS Series fixtures mounted 12´ on center provide an average illuminance of 9 Footcandles on the ground, 10 feet across the walk.

IES lighting standards recommend an average of .5 Footcandles for exterior walkways, distant from the roadways.

Specifier: LDB Inc, Photographer: Mark Dell'Aquila

EXTERIOR LIGHTING

Because night vision can be extremely sensitive to glare, low brightness is vital. The lighting along this walkway helps to ensure safe passage and provide a feeling of security for residents of The Colony, a gated luxury apartment complex. Fixture glare is kept to a minimum because of the unique regressed lens that comes standard with the CP Series fixtures. The average illumination from these #126QDCP, low-level floodlights is 9.7 Footcandles.

IES lighting standards recommend an average of at least .5 Footcandles for exterior walkways that are not located next to roadways.

Specifier: LDB Inc, Photographer: Mark Dell'Aquila

HITW-EX Series

Specifier: LDB Inc, Photographer: Mark Dell'Aquila

EXTERIOR LIGHTING

CP Series

HITW-EX Series

WLS Series

It's nice to have options. That's why our exterior fluorescent fixtures are easier than ever to use, even in cold weather. The only trouble you might have is choosing. All models are supplied with ballasts for –20 degree starts, and sizes range from 9-1/2″ long to 4′. You can now enjoy the high color rendering and instant re-strike of fluorescent outdoors. No matter what your project, our fixture options are definitely worth taking a look at. We hope you like what you see.

ELP. YOUR BEST SOURCE OF LIGHT.

Why ELP?

It isn't hard to see the magic of ELP products. Each of our quality, high-performance lighting solutions gives you the ability to uniquely define a space in exactly the way that you and your clients desire. From design, to engineering, to performance, we offer unparalleled features that are always on the forefront of luminaire technology.

ELP REFLECTOR FACTS:

- Patented, snap-in, one piece, formed reflector provides the most efficient and uniform illumination.
- Standard formed, semi-specular reflectors are 99.9% pure aluminum with 95% reflectance for exceptional lighting performance and uniformity.
- Painted, formed cove reflectors are TGIC* polyester powder coated and baked after forming. The combination of the durable, matte white finish and formed reflector softly distributes light outward and minimizes socket shadows.
- Formed combo reflectors for video conference fixtures combine painted white diffuse TGIG* polyester powder coat with 99.9% pure aluminum semi-specular material. Results provide uniform lighting forward and to the side with nothing thrown backwards to wash out the viewing screen.

ELP PERFORMANCE FACTS:

- The combination of our superior design and premium reflector material provides excellent performance. The best in the business! More efficient fixtures, means less units required for a quality lighting job.
- Our excellent luminaire performance is verified with photometric reports generated from independent test labs.

ELP FABRICATION FACTS:

- Metal housing is formed with code gauge cold rolled steel and welded together to form a durable one-piece housing.
- Metal housing is post-painted (after fabrication) with a baked TGIC* polyester powder coating.
- Our patented cast GRG (Glass fiber Reinforced Gypsum) luminaires, the HITC, HITW, CLC and SITC Series, blend with the architectural structure to give the appearance of a custom formed light niche.
- Flexibility of production schedule and fixture modifications allow ELP to meet today's demanding delivery requirements.

ELP PERSONNEL FACTS:

- Lighting certified designers are available to help with your lighting design and layout.
- Prompt answers from Customer Service. Often questions are resolved in the same call.
- Over 120 highly professional lighting agencies across the USA and Canada to serve your local markets.

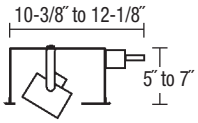
*TGIC – Durable polyester powder coat finish resistant to discoloration and deterioration due to external environmental elements.

ELP
ENGINEERED LIGHTING PRODUCTS

PRODUCT SELECTION GUIDE

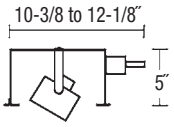
Select the proper fixtures for your project, then visit our website, elplighting.com, for detailed product and installation information.

ADJUSTABLE ACCENT LIGHTING *(1 – 4 INDIVIDUAL HEADS ALLOW AIMING)*



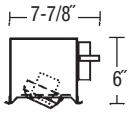
BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	AA Series	Recessed	12″ to 24″	MR-16, Par 30, Par 20 & 30 MH
	AACC Series	Recessed Continuous	12″ to 24″	MR-16, Par 30, Par 20 & 30 MH
	AATB Series	T-Bar	24″	MR-16, Par 30, Par 20 & 30 MH
	AA Trimless	Recessed	12″ to 24″	MR-16, Par 30, Par 20 & 30 MH

Off-set aperture for use in conjunction with AK Series Wall Washers.



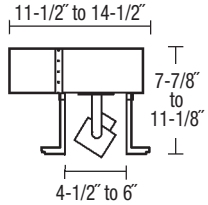
BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	AAD Series	Recessed	24″	MR-16, Par 30
	AADCC Series	Recessed Continuous	24″	MR-16, Par 30
	AADTB Series	T-Bar	24″	MR-16, Par 30
	AAD Trimless	Recessed	24″	MR-16, Par 30

Symmetric aperture with centered lamps.



BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	AAM Series	Recessed	6″ to 24″	MR-16, Par 20, Par 20 MH
	AAMCC Series	Recessed Continuous	6″ to 24″	MR-16, Par 20, Par 20 MH
	AAMTB Series	T-Bar	24″	MR-16, Par 20, Par 20 MH

Symmetric aperture with centered lamps and closed, clean face.



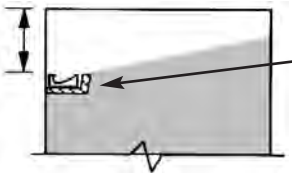
BASIC SIZE	FIXTURE SERIES	MOUNTING	APERTURE	LAMPS
	HITC Series	Recessed Round & Square	4-1/2″	MR-16
	HITC Series	Recessed Round & Square	6″	Par 20

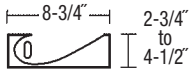
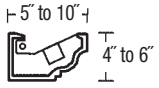
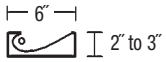
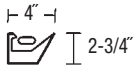
4-1/2″ & 6″ Aperture GRG (Glass fiber Reinforced Gypsum), Cast Fixtures.*

*GRG = Glass fiber Reinforced Gypsum, is a composite material used to make fixture housings that blend with gypsum/plaster construction.

COVE LIGHTING

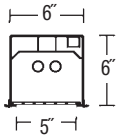
2´ to 3´ minimum is ideal!
Real world installations may range from 6″ to 10´+.

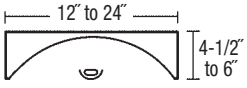


BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**CL Series**	Surface Mount in Cove	24″ to 48″	Biax, T-5, T-8
	**CLC Series**	Various Decorative GRG* Castings with Surface Cove Light	24″ to 48″	Biax, T-5, T-8
	**CLLP Series**	Surface Mount in Cove	24″ to 48″	Biax, T-5, T-8
	**CLM Series**	Surface Mount in Cove, or Surface Wall Mount	12″ to 48″	Biax, T-5, T-8

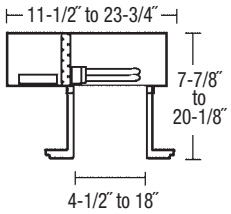
High performance lighting for coves or create your own decorative GRG cove design.*

DOWN LIGHTING

BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**DL Series**	Recessed	24″ to 48″	Biax, T-5, T-8
	DLCC Series	Recessed Continuous	24″ to 48″	Biax, T-5, T-8
	DLTB Series	T-Bar	24″, 36″ & 48″	Biax, T-5, T-8
	DL Trimless	Recessed	24″ to 48″	Biax, T-5, T-8

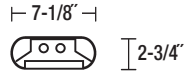
BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**ID Series**	Recessed	12″ to 48″	Quad, Biax, T-5, T-8
	IDTB Series	T-Bar	12″ to 48″	Quad, Biax, T-5
	IDS Series	Surface Mount	12″ to 48″	Quad, Biax, T-5, T-8
	ID Trimless	Recessed	12″ to 48″	Quad, Biax, T-5, T-8

1´ x 1´, 1´ x 2´, 1´ x 4´, 2´ x 2´ and 2´ x 4´ Indirect fixtures provide low brightness for computer spaces.

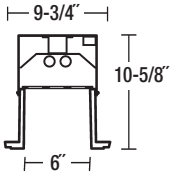
BASIC SIZE	FIXTURE SERIES	MOUNTING	APERTURES	LAMPS
	**HITC Series**	Recessed Round & Square	4-1/2″	A-19, Par 30, MR-16, T-4 Halogen
	HITC Series	Recessed Round & Square	6″	A-19, Par 38, Quad, Triple Tube
	HITC Series	Recessed Round & Square	8″	A-19, Par 38, Quad, Triple Tube Par 30 MH, Par 38 MH
	HITC Series	Recessed Round & Square	10″	Par 38, Triple Tube, Par 30 MH, Par 38 MH
	HITC Series	Recessed Round Cone	18″	A-19, Par 38, Quad, Triple Tube

4-1/2″, 6″, 8″, 10″ and 18″ Aperture GRG (Glass fiber Reinforced Gypsum), Cast Fixtures.*

*GRG = Glass fiber Reinforced Gypsum, is a composite material used to make fixture housings that blend with gypsum/plaster construction.

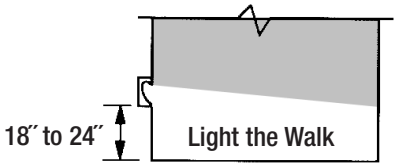
BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**SC Series**	Surface/Pendent	18″ to 48″	Biax, T-5, T-8

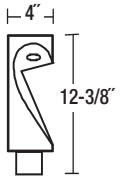
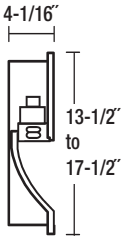
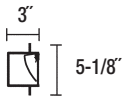
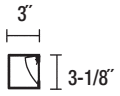
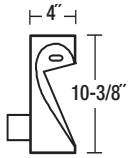
1 & 2 Lamp Shallow Surface Mount Fixtures with matching Wall Wash Fixtures.

BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**SITC Series**	Recessed	18″ to 48″	Biax, T-5, T-8
	SITC-CC Series	Recessed Continuous	18″ to 48″ Electrical Sections	Biax, T-5, T-8

1 & 2 Lamp, Linear GRG (Glass fiber Reinforced Gypsum), Cast Fixtures.*

EXTERIOR – WET LOCATION FIXTURES



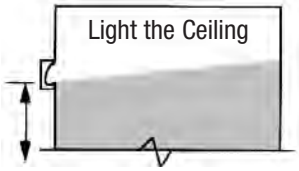
BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**CP Series**	Recessed & Concrete Pour	7-7/8″ to 48″	LED, PL, Quad, Triple Tube, Biax, T-8
	**HITW-EX Series**	FRP** Casting Recessed	8-5/8″ to 16″	Inc.Mini-can, PL, Quad, Triple Tube, LED
	**LS-EX Series**	Recessed & Concrete Pour	6-1/8″	LED
	**LS-EXS Series**	Surface Mount	6-1/8″	LED
	**WLS Series**	Surface Mount	7-7/8″ to 48″	LED, PL, Quad, Triple Tube, Biax, T-8

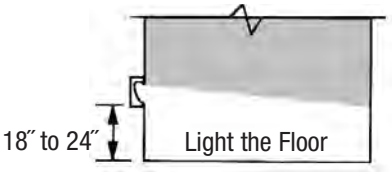
Use for Low Level Floodlighting, Wall Washing and Indirect Lighting.

*GRG = Glass fiber Reinforced Gypsum, is a composite material used to make fixture housings that blend with gypsum/plaster construction.
** FRP = Fiberglass Reinforced Polymer, is a composite material used to make exterior fixture housings for exterior construction.

INDIRECT LIGHTING

Fixture Opening at 6′ minimum to Finish Floor prevents viewing lamp.





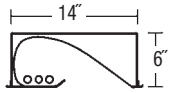
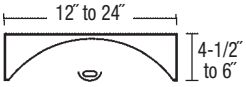
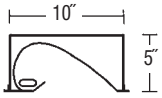
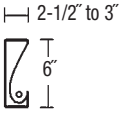
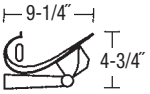
BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
3-1/2″ 8-1/2″	**AK Series**	Wall Recessed	8-1/2″ to 48″	T-10, PL, Quad, Triple Tube Biax, T-5, T-8
	AKCW Series	Recessed Continuous	24″ to 48″	Biax, T-5, T-8
	AK Trimless	Wall Recessed	8-1/2″ to 48″	T-10, PL, Quad, Triple Tube Biax, T-5, T-8
3-1/2″ 12″ to 36″	**HITW Series**	GRG* Casting Recessed	12″ to 54″	T-10, Halogen, MR-16, PL, Quad Triple Tube, Biax, T-5, T-8, LED
3-1/2″ 7-1/2″	**MINI Series**	Wall Recessed	7-1/2″	Halogen, PL, Quad, Triple Tube
	MINI Trimless	Wall Recessed	7-1/2″	Halogen, PL, Quad, Triple Tube
2-1/2″ to 3″ 6″	**MP Series**	Wall Recessed	24″ to 48″	T-5
	MPCW Series	Recessed Continuous	24″ to 48″	T-5
	MP Trimless	Wall Recessed	24″ to 48″	T-5

Wall Recessed to Light the Ceiling or Floor.

BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
6-5/8″ 3-3/8″	**A6 Series**	Yoke, Pendent, Rigid & Adjustable	5-1/4″ to 96″	T-6 MH, Halogen, Biax, T-5, T-8
9-3/16″ 2-7/8″	**A9 Series**	Yoke, Pendent, Rigid & Adjustable	24″ to 96″	Biax, T-5, T-8
14-7/8″ to 25-5/8″ 7″ to 16-1/4″	**A15 Series**	Yoke Adjustable	18″ to 96″	PLH, T-5, MH, HPS
3-1/2″ 8-1/2″	**AKS Series**	Surface Wall Mount	12″ to 48″	Biax, T-5, T-8

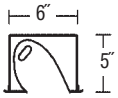
Surface, Ceiling, Yoke and Pendant Mounted.

*GRG = Glass fiber Reinforced Gypsum, is a composite material used to make fixture housings that blend with gypsum/plaster construction.

BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**CW Series**	Recessed	24″ & 48″	T-5 Red, Green & Blue
	CWCC Series	Recessed Continuous	24″ & 48″	T-5 Red, Green & Blue
	CWTB Series	T-Bar	24″ & 48″	T-5 Red, Green & Blue
	CWS Series	Surface, Pendent	24″ & 48″	T-5 Red, Green & Blue
	CW Trimless	Recessed	24″ & 48″	T-5 Red, Green & Blue
	**ID Series**	Recessed	12″ to 48″	Quad, Biax, T-5, T-8
	IDTB Series	T-Bar	12″ to 48″	Quad, Biax, T-5
	IDS Series	Surface Mount	12″ to 48″	Quad, Biax, T-5, T-8
	ID Trimless	Recessed	12″ to 48″	Quad, Biax, T-5, T-8
	**IW Series**	Recessed	24″ to 48″	Biax, T-5
	IWCC Series	Recessed Continuous	24″ to 48″	Biax, T-5
	IWTB Series	T-Bar	24″ to 48″	Biax, T-5
	IWS Series	Surface Mount	24″ to 48″	Biax, T-5
	IW Trimless	Recessed	24″ to 48″	Biax, T-5
	**MPS Series**	Surface Wall Mount	24″ to 48″	T-5
	**SY Series**	Yoke, Pendent & Adjustable	8-3/4″ to 96″	PL, Quad, Triple Tube, Biax, T-5, T-8

Surface, Ceiling, Yoke and Pendant Mounted (continued).

STACK LIGHTING

BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**DW Series**	Recessed	24″ to 48″	Biax, T-5, T-8
	DWCC Series	Recessed Continuous	24″ to 48″	Biax, T-5, T-8
	DWTB Series	T-Bar	24″ to 48″	Biax, T-5, T-8
	DWS Series	Surface, Bracket & Pendent Check w/ Factory for Stack Light Modification	24″ to 48″	Biax, T-5, T-8
	DW Trimless	Recessed	24″ to 48″	Biax, T-5, T-8

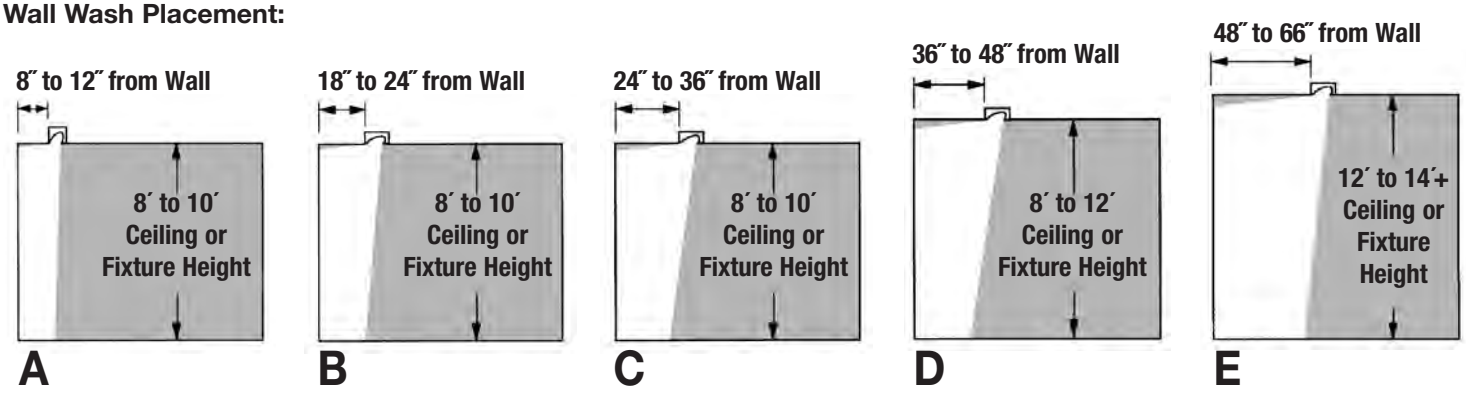
Recessed, Surface, Pendent and Bracket Mounted.

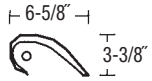
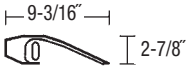
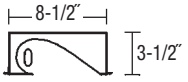
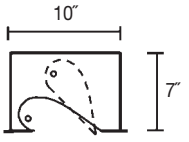
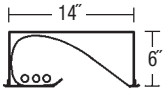
WALL WASHING

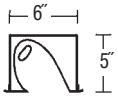
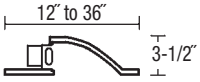
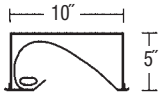
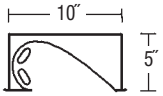
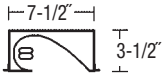
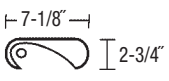
Select your wall wash fixture by the height it will be placed and the distance from the wall.

Ideal Wall Wash – A good rule of thumb is that a wall wash fixture should be back from the wall (or surface you are lighting) 1/4 to 1/3 the distance of the height of the wall. However, in the real world, many times the structure dictates where the fixtures must be placed. ELP has the largest selection of linear, fluorescent wall wash fixtures on the market and the most lamp options. The following charts will help with your selection.

Wall Wash Placement:

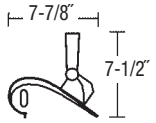
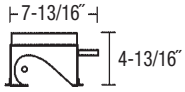
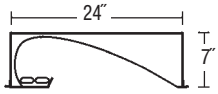


BASIC SIZE	SERIES/***PLACEMENT***	MOUNTING	LENGTHS	LAMPS
	**A6 Series**	Yoke, Pendent, Rigid & Adjustable	5-1/4˝ to 96˝	T-6 MH, Halogen, Biax, T-5, T-8
	B, C, D (Ideal C)			
	**A9 Series**	Yoke, Pendent, Rigid & Adjustable	24˝ to 48˝	Biax, T-5, T-8
	B, C, D (Ideal C)			
	**AK Series**	Recessed	8-1/2˝ to 48˝	T-10, PL, Quad, Triple Tube, Biax, T-5, T-8
	AKCC Series	Recessed Continuous	24˝ to 48˝	Biax, T-5, T-8
	AKTB Series	T-Bar	24˝ to 48˝	Biax, T-5, T-8
	AKS Series	Surface, Pendent	12˝ to 48˝	Biax, T-5, T-8
	AK Trimless	Recessed	8-1/2˝ to 48˝	T-10, PL, Quad, Triple Tube, Biax, T-5, T-8
	B, C, D (Ideal C&D)			
	**AWW Series**	Recessed	24˝ & 48˝	Biax, T-5
	AWW-CC Series	Recessed Continuous	24˝ & 48˝	Biax, T-5
	AWW-TB Series	T-Bar	24˝ & 48˝	Biax, T-5
	AWWS Series	Surface, Pendent	24˝ & 48˝	Biax, T-5
	A, B (Ideal B)			
	**CW Series**	Recessed	24˝ & 48˝	T-5 Red, Green & Blue
	CWCC Series	Recessed Continuous	24˝ & 48˝	T-5 Red, Green & Blue
	CWTB Series	T-Bar	24˝ & 48˝	T-5 Red, Green & Blue
	CWS Series	Surface, Pendent	24˝ & 48˝	T-5 Red, Green & Blue
	CW Trimless	Recessed	24˝ & 48˝	T-5 Red, Green & Blue
	B, C, D (Ideal C)			

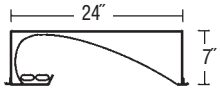
BASIC SIZE	SERIES/***PLACEMENT***	MOUNTING	LENGTHS	LAMPS
	**DW Series**	Recessed	24″ to 48″	Biax, T-5, T-8
		Recessed Wall-Slot	24″ to 48″	Biax, T-5, T-8
	DWCC Series	Recessed Continuous	24″ to 48″	Biax, T-5, T-8
	DWTB Series	T-Bar	24″ to 48″	Biax, T-5, T-8
		T-Bar Wall-Slot	24″ to 48″	Biax, T-5, T-8
	DWS Series	Surface, Pendent	24″ to 48″	Biax, T-5, T-8
	DW Trimless	Recessed	24″ to 48″	Biax, T-5, T-8
	A, B (Ideal A)			
	**HITW Series**	GRG* Casting Recessed	12″ to 54″	T-10, Halogen, MR-16, PL, Quad, Triple Tube, Biax, T-5, T-8, LED
	B, C, D (Ideal C)			
	**IW Series**	Recessed	24″ to 48″	Biax, T-5
	IWCC Series	Recessed Continuous	24″ to 48″	Biax, T-5
	IWTB Series	T-Bar	24″ to 48″	Biax, T-5
	IWS Series	Surface, Pendent	24″ to 48″	Biax, T-5
	IW Trimless	Recessed	24″ to 48″	Biax, T-5
	B, C, D (Ideal C)			
	**MAXI Series**	Recessed	24″ to 48″	Biax, T-5, T-8
	MAXI-CC Series	Recessed Continuous	24″ to 48″	Biax, T-5, T-8
	MAXI-TB Series	T-Bar	24″ to 48″	Biax, T-5, T-8
	MAXI-S Series	Surface, Pendent	24″ to 48″	Biax, T-5, T-8
	MAXI Trimless	Recessed	24″ to 48″	Biax, T-5, T-8
	D, E (Ideal E)			
	**MINI Series**	Wall Recessed	7-1/2″	T-10 Halogen, PL, Quad, Triple Tube
	MINI Trimless	Wall Recessed	7-1/2″	T-10 Halogen, PL, Quad, Triple Tube
	B, C, D (Ideal C)			
	**MP Series**	Recessed	24″ to 48″	T-5
	MPCC Series	Recessed Continuous	24″ to 48″	T-5
	MPTB Series	T-Bar	24″ to 48″	T-5
	MPS Series	Surface, Pendent	24″ to 48″	T-5
	MP Trimless	Recessed	24″ to 48″	T-5
	B, C, D (Ideal C)			
	**SC Series**	Surface, Pendent	18″ to 48″	Biax, T-5, T-8
	B, C, D (Ideal C)			

*GRG = Glass fiber Reinforced Gypsum, is a composite material used to make fixture housings that blend with gypsum/plaster construction.

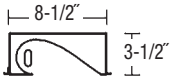
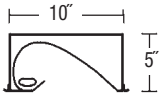
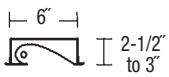
WALL WASHING *(continued)* *Refer to charts on page 6 for fixture placement.*

BASIC SIZE	SERIES/***PLACEMENT***	MOUNTING	LENGTHS	LAMPS
	**SY Series**	Yoke, Pendent & Adjustable	8-3/4″ to 96″	PL, Quad, Triple Tube, Biax, T-5, T-8
	B, C, D (Ideal C&D)			
	**TH Series**	Recessed	4-1/2″	Halogen Mini-can
	TH Trimless	Recessed	4-1/2″	Halogen Mini-can
	B, C (Ideal B)			
	**VT Series**	Recessed	24″	Biax
	VTTB Series	T-Bar	24″	Biax
	VTS Series	Surface, Pendent	24″	Biax
	VT Trimless	Recessed	24″	Biax
	C, D (Ideal C)			

VIDEO/TELECONFERENCING & DISTANCE LEARNING

BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**VT Series**	Recessed	24″	Biax
	VTTB Series	T-Bar	24″	Biax
	VTS Series	Surface, Pendent	24″	Biax
	VT Trimless	Recessed	24″	Biax

Evenly illuminate the participants for the camera without washing out the viewing screen.

BASIC SIZE	FIXTURE SERIES	MOUNTING	LENGTHS	LAMPS
	**AK Series**	Recessed	8-1/2″ to 48″	Quad, Triple Tube, Biax, T-5, T-8
	AKCC Series	Recessed Continuous	24″ to 48″	Biax, T-5, T-8
	AKTB Series	T-Bar	24″ to 48″	Biax, T-5, T-8
	AKS Series	Surface, Pendent	24″ to 48″	Biax, T-5, T-8
	AK Trimless	Recessed	8-1/2″ to 48″	Quad, Triple Tube, Biax, T-5, T-8
	**IW Series**	Recessed	24″ to 48″	Biax, T-5
	IWCC Series	Recessed Continuous	24″ to 48″	Biax, T-5
	IWTB Series	T-Bar	24″ to 48″	Biax, T-5
	IWS Series	Surface, Pendent	24″ to 48″	Biax, T-5
	IW Trimless	Recessed	24″ to 48″	Biax, T-5
	**MP Series**	Recessed	24″ to 48″	T-5
	MPCC Series	Recessed Continuous	24″ to 48″	T-5
	MPTB Series	T-Bar	24″ to 48″	T-5
	MPS Series	Surface, Pendent	24″ to 48″	T-5
	MP Trimless	Recessed	24″ to 48″	T-5

Illuminate the key speakers and walls to balance the illumination in the room.

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