



GEN LED **ACOLYTE**[®]
Architectural Lighting Solutions

APPLICATION



GUIDE



Cover Photos

TOP LEFT

Boston Back Bay Mansion retrofit | Photographer: TSP Smart Spaces

TOP RIGHT:

Lake Houston Family YMCA

BOTTOM LEFT:

Sequis Tower | Photographer: Mario Wibowo

BOTTOM RIGHT:

Whitney Architects | Photographer: Kendall McCaugherty

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WE'RE HERE TO HELP YOU

This application guide is your handbook for selecting and setting up the best lighting products for any project.

Understanding how to apply and install the proper lighting for a variety of locations and elements is as important as choosing premium LED lighting solutions over other less-advanced lighting options. Factors you must take into consideration include the types of surfaces found in your space and the angle at which your lights are set. This booklet will tell you everything you need to know before deciding what options work best for your project.

When it comes to variety, the Acolyte product line is unmatched. We offer a full range of fixtures, controls and mounting accessories, custom design and fabrication, and world-class customer service. Our expansive product list offers you a superior selection, whether you're designing a small private indoor space like a cozy bar or a large public outdoor venue like a football stadium. See the products section of this guide, our product catalog or our website for detailed descriptions of every Acolyte product.

We create fully integrated LED lighting systems with the highest standards of quality control and customer service. We manufacture our materials in our own factories and custom fit our fixtures, so no matter how intricate your design, Acolyte has the perfect premium quality lighting solution for you.



Private Residence | New York City, NY | 6.0 / 8.8 Static White Classic RibbonLyte
Lighting Designer: Balesstri Architects

UNDERSTANDING LED LINGO

TERMINOLOGY

LUMENS

The luminous flux, or measured brightness, of light output in a fixture. The more lumens, the brighter the light.

FOOT-CANDLE

A unit of illuminance, equal to one lumen per square foot, used to measure the amount of light in a given area.

LUX

A unit of illuminance, equal to one lumen per square meter, used to measure the amount of light in a given area.

WATTAGE

The amount of operating power required for an electrical device to function.

CRI

Short for Color Rendering Index, a method of measuring how well a light source shows colors in the objects it illuminates. The higher the CRI, the more accurately color is seen.

HEAT SINKING

LEDs generate less heat than incandescent lights, but further diffusing that heat helps optimize performance.

Heat sinking is a process that utilizes thermally conductive materials to draw heat away from an LED. Many manufacturers use just 1 ounce of copper to dissipate heat in their LED products. Our proprietary RibbonLyte® uses 3 ounces of copper. Since heat naturally moves to areas with lower temperatures, the thicker layer of copper in our RibbonLyte® dissipates heat faster. Acolyte uses heat-sinking technology to efficiently and effectively extend the life of LEDs.





Poster House | New York City, NY | Static White Series 2 RibbonLyte
Photographer: David Handschuh

MINIMIZE LINE LOSS

RibbonLyte® uses a 3-ounce copper board that minimizes voltage drop and line loss. This allows the product to be installed across longer distances before additional power is needed.

LUMENS PER WATT

Lumens per watt is a measurement of lighting efficiency that tells how many lumens you observe per watt of power consumed.

Because LEDs emit more lumens while consuming less power than traditional incandescent light sources, they have a higher ratio of lumens per watt. This higher efficiency can translate to massive energy savings.

CERTIFICATIONS

Our products are rigorously tested. They meet or exceed industry certifications to resist weather conditions and safeguard against operational failure. They also conform to industry safety standards, earning certification from groups like the DesignLights Consortium (DLC), Electrical Testing Laboratories (ETL) and Underwriters Laboratories (UL) in regard to hazardous materials.

LEDS VS. INCANDESCENT LIGHTING

Use our channels and lenses to put your lumens where you need them.

Incandescent lighting is omnidirectional, meaning it spans 360°. As a result, much of the emitted light is wasted. When used inside our channel products, Acolyte LEDs offer greater directional control and far less light loss than traditional incandescent fixtures.

BINNING

Binning is a way of sorting LEDs so that they have a similar light output.

Acolyte uses a two-step MacAdam ellipse binning process for white LEDs, limiting variances so that an LED's color temperature will be consistent throughout your order — and in any future orders, too. Tight forward-voltage binning also standardizes the power consumption of our products.

CRI

CRI — or Color Rendering Index — is calculated by our LED color temperatures for color fidelity.

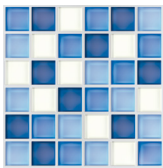
CRI is calculated by measuring how well a light source renders specific colors. Those colors are given R-values — numbers that range from R1 to R14 and represent 14 different hues. CRI is measured on a scale up to 100, with 100 representing full daylight. A typical LED has a CRI around 80, but all wattages and color temperatures of Acolyte Static White RibbonLyte are 90+ CRI.

SURFACES



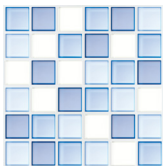
REFLECTIVE SURFACES

For shiny surfaces like marble or smooth modern metals, consider angling our RibbonLyte at 45° to help mitigate potentially distracting reflections. To fully conceal the appearance of LED spots, try pairing our RibbonLyte with a milky lens, which will obscure visible diodes and bathe even, glossy or polished surfaces in continuous light.



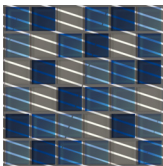
MATTE SURFACES

For matte surfaces, such as wood, plaster or natural stone, consider effects that either accent or mute textural imperfections such as up-lighting, grazing or wall washing. Tiny niches can be illuminated with smaller LED strips that graze or glow from within, often eliminating the need for visible fixtures.



CONTRAST

Contrast refers to the variance in illumination between different parts of a room. High contrast may strain your eyes as they continually adjust to the varied levels of light, and you can end up with ominous shadows that will make your room look smaller. Be sure to test your lights in various arrangements to create subtle light layers and find the look you want.



SHADOWS

Check your spacing. Avoid placing high-intensity lights too far apart. Use reflected light and localized fixtures. Keep in mind that large objects and people will likely cast shadows, so avoid placing lights behind places where you frequently sit or stand.



GLARE

Take note of shiny surfaces in a room. These can include anything from tabletops to picture frames. Our eyes try to compensate for glare, making it difficult to see the object creating the glare. Try to bathe your workspace in non-directional light that evenly illuminates the entire area. Backlighting mirrors or artwork can help avoid glare and provide depth and drama to your space.



MimBar | Minneapolis, MN, USA | P65 4.4 Static White Classic RibbonLYte
Lighting Designer: CRAVE

COLOR TEMPERATURE

We offer diverse lighting options to enhance every tone. Our Static White RibbonLyte is available in nine color temperatures, running the gamut from 1800K candle white to 6000K daylight white. Our Variable White Series 2 RibbonLyte can be used with a dimmer or DMX controller to adjust brightness and temperature as warm as 2000K or as cool as 6500K. Look at the chart on these pages to see which color temperature will suit your lighting needs. Images next to the graph refer to materials; corresponding Kelvin temperatures on the left tell you which color temperature will illuminate them best.

WARM TONES

If your room has dark tones, such as richly colored tiles or warm upholstery, we recommend that you match them with a warm-toned RibbonLyte, like one of our 2400K-3500K options.

COOL TONES

If your room has cool tones, such as marble accents and white furniture, we recommend that you use cooler colors, like our 4000K or 6000K products.

1800K

GOLD

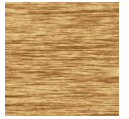


2000K

Candlelight

2200K

WOOD



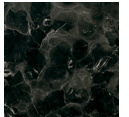
2400K

2700K

Incandescent

3000K

DARK STONE



3500K

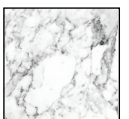
SILVER



Natural White

4000K

LIGHT STONE



5000K

CRYSTAL



6000K

DIAMONDS



6500K

Cool White

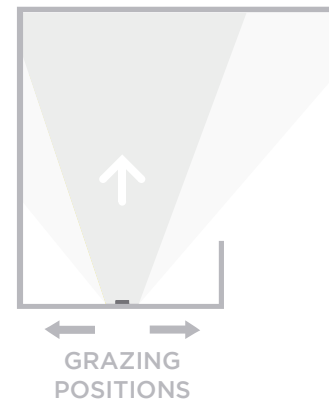




COVE LIGHTING

CHOOSE THE BEST CHANNEL & ANGLES FOR YOUR SPACE

Acolyte can provide the perfect lighting systems to accent any space. Things to consider as you select a product include the type of lens to use, the beam angle you want to employ, the light temperature or color that best fits your project, and the lumen output of your RibbonLyte in relation to the height and depth of your cove. See the reference chart below to help you get an idea how to create the highlights that will most enhance the atmosphere of your environment.



BRIGHT IDEAS

LIGHTING YOUR COVE

Consider lighting a cove in a way that will give you maximum light coverage across the ceiling to best accent the space. Placement of the channel will determine the spread and throw of light. When placed in the back corner, RibbonLyte will only illuminate the cove, rather than streaming out towards the rest of the ceiling. This light will have a dense appearance.

We recommend AS1, AS3, and AS12 for this application.

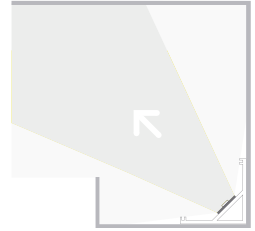
X"	Y"	RIBBONLYTE						CHANNEL		LENS	
		0.75	1.5	2.2	3.0	4.4	5.0	6.0	AS1		AS3
1	1	•							•		MILKY/FROSTED
1	2	•							•		MILKY/FROSTED
1.5	1	•							•		MILKY/FROSTED
1.5	1.5	•							•		MILKY/FROSTED
1.5	2	•							•		MILKY/FROSTED
2	2		•						•		MILKY/FROSTED
2	4		•						•		MILKY/FROSTED
2	6			•					•		MILKY/FROSTED
2	8			•					•		MILKY/FROSTED
4	2				•				•		MILKY/FROSTED
4	4				•				•		MILKY/FROSTED
4	6					•			•		MILKY/FROSTED
4	8					•			•		MILKY/FROSTED
6	2						•		•		MILKY/FROSTED
6	4						•		•		MILKY/FROSTED
6	6						•		•		MILKY/FROSTED
6	8						•		•		MILKY/FROSTED
8	2							•		•	MILKY/FROSTED
8	4							•		•	MILKY/FROSTED
8	6							•		•	MILKY/FROSTED
8	8							•		•	MILKY/FROSTED

X - Cove Height in Inches Y - Cove Depth in Inches



LIGHTING YOUR ROOM

Using an angled channel will project your light outwards, often at a 45° angle. This will illuminate the largest area of your ceiling. Add layers of light to find your desired brightness.



We recommend AC1, AC2, AC3, AC4, AC5 Channels for this application.

LIGHTING POCKET COVES

When lighting textured surfaces from a pocket cove, use a tight beam angle to exacerbate shadows. Placing a channel very close to surfaces like brick or stone and using a tight angle will draw attention to that texture and create drama.

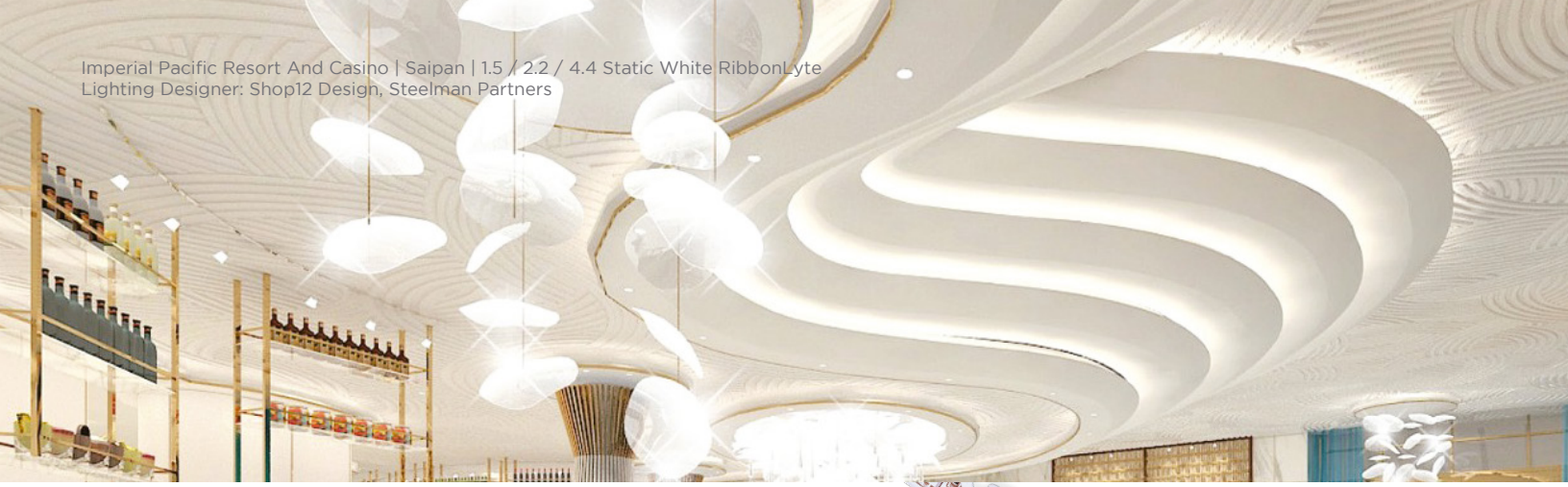
We recommend 4.4 Static White Series 2 RibbonLyte inside AS20G Channel for this application.



X"	Y"	RIBBONLYTE						CHANNEL				LENS	
		0.75	1.5	2.2	3.0	4.4	5.0	6.0	AC1	AC2	AC4		AC5
1	1	•							•	•			MILKY
1	2	•							•	•			MILKY
1.5	1	•							•	•			MILKY
1.5	1.5	•							•	•			MILKY
1.5	2	•							•	•			MILKY
2	2		•						•	•			MILKY
2	4		•						•	•			MILKY
2	6		•						•	•			MILKY
2	8		•						•	•			MILKY
4	2			•					•	•			MILKY
4	4			•					•	•			MILKY
4	6				•				•	•			MILKY
4	8					•					•	•	MILKY
6	2							•			•	•	MILKY
6	4							•			•	•	MILKY
6	6										•	•	MILKY

X - Cove Height in Inches Y - Cove Depth in Inches

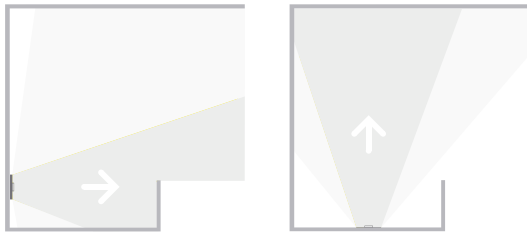




LIGHTING CURVED COVES

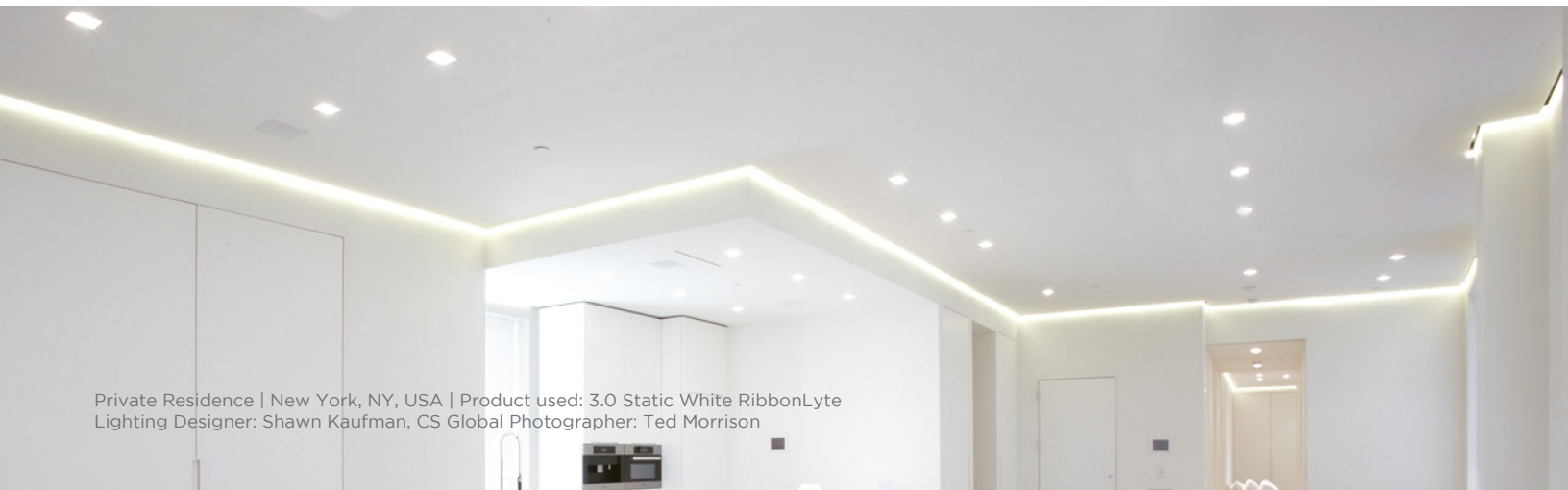
We offer a variety of options to illuminate the curves and contours of any space. Matrix RibbonLyte was designed to easily create organic shapes and forms that flow seamlessly around soft curves and racetrack coves. This product can also be twisted or shaped into hard corners, making it an ideal lighting solution for unique applications. Our Matrix brand offers static white options in six temperatures or tunable RGB which can be customized from more than 16 million shades of color.

MATRIX RIBBONLYTE



DAISY CHAINED RIBBONLYTE

Daisy chaining is an additional, more labor-intensive custom solution that can be used to link small strips of RibbonLyte. This allows a designer to change directions and create an incredible array of linked lighting schemes, including weather-resistant options in many types of channel.





UNDER-CABINET LIGHTING

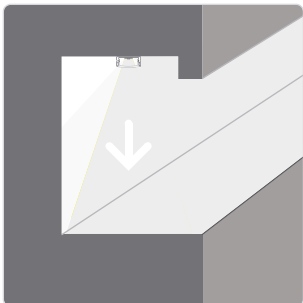
Highlight architectural features, show off a lovely backsplash or simply make it easier to find what you need. Try illuminating bookshelves, drawers, and cabinets to activate low-light areas or increase visibility in workspaces. There are myriad ways that our RibbonLyte products can be incorporated into cabinetry to enhance subtle details. For average-sized cabinets, around 18" tall, we recommend 4.4 Series 2 Ribbonlyte.

BRIGHT IDEAS

CLEAN & BASIC

The 90° angle is probably the most popular application. Often centered under the cabinet, this option is ideal for non-reflective surfaces and provides general illumination for under-cabinet workspaces like kitchen counters.

We recommend 4.4 Series 2 RibbonLyte inside AS1 or AR10 Channels for this application.



SHOWING OFF TEXTURES

A 90° grazing angle set near the back of the bottom of a cabinet is ideal for showing off a decorative textured backsplash and providing a soft glow under cabinets.

We recommend 4.4 Series 2 RibbonLyte inside AS20G Channels for this application.





SEE WHAT YOU'RE DOING

A 45° outward angle set at the back of the bottom of a cabinet creates another practical look for cooking preparation and illuminating workspaces. This angle will increase visibility and reduce inconvenient shadows, but it won't highlight your backsplash.

We recommend 4.4 Series 2 RibbonLyte inside AC2 Channels for this application.



ILLUMINATE DETAILS

A 45° inward angle set just behind a cabinet lip is another great look for showing off a decorative backsplash or reflective countertop but will create shadows if you use the space below as a work area.

We recommend 4.4 Series 2 RibbonLyte inside AC2 Channels for this application.



TOE KICK LIGHTING

Often applied outdoors or under furniture and cabinets, toe kick lighting is an unexpected and elegant way to illuminate any pathway or stairwell. Toe kick lighting makes it easy to safely maneuver through dimly lit rooms or outdoor settings while highlighting architectural details by creating contrast and depth. Below is a reference guide depicting various ways RibbonLyte can be used to illuminate floor areas.

BRIGHT IDEAS

GIVE IT A GLOW

A 45° inward angle will project light into a confined area with a tight radius, providing a soft, glowing edge to your cabinetry.

We recommend our 1.5 RibbonLyte inside the AC2 Channels for this application.



INDIRECT
CABINET
TOE KICKS

SHOW OFF A LITTLE

A 45° outward angle will project light further from a cabinet with a broader beam, providing highlights for textured flooring or carpet.

We recommend 1.5 RibbonLyte inside AC2 Channels for this application.



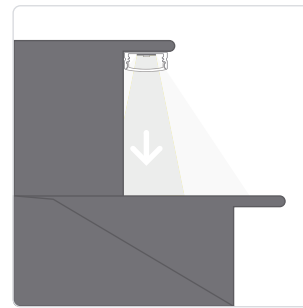
INDIRECT
CABINET
TOE KICKS



RISE AND SHINE

A 90° angle will project light directly downwards, providing higher contrast to architectural details.

We recommend 1.5 RibbonLyte inside AS1 Channels for this application.

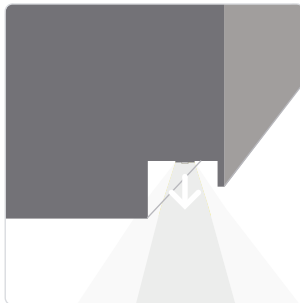


DIRECT
STAIRS
TOE KICKS

BRIGHTEN YOUR ROOM

A 90° angle will project light directly downwards, defining non-reflective textures and setting your cabinetry apart.

We recommend 1.5 RibbonLyte inside AS1 Channels for this application.

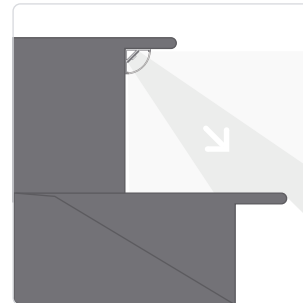


DIRECT
CABINET
TOE KICKS

WALK THIS WAY

A 45° outward angle will project the light further away from the ledge, providing illumination for a larger area.

We recommend 1.5 RibbonLyte inside AC2 Channels for this application.



INDIRECT
STAIRS
TOE KICKS

CUSTOM BACKLIGHTING

Backlighting is commonly used to illuminate decorative panels and mirrors in hotels and bars. It adds a unique, crafted feel to any space.

Our lightweight BackLyte panels can be made in virtually any shape or color. We start with a 4x8 sheet of PMMA acrylic and cut your custom shapes on a CNC-controlled machine, then embed premium LEDs in the perimeter of the panel. We laminate them with a prismatic reflector that allows light to spread evenly throughout each panel.

Our custom BackLyte can be manufactured in Static White, Static Colors, Variable White or color changing RGB options.

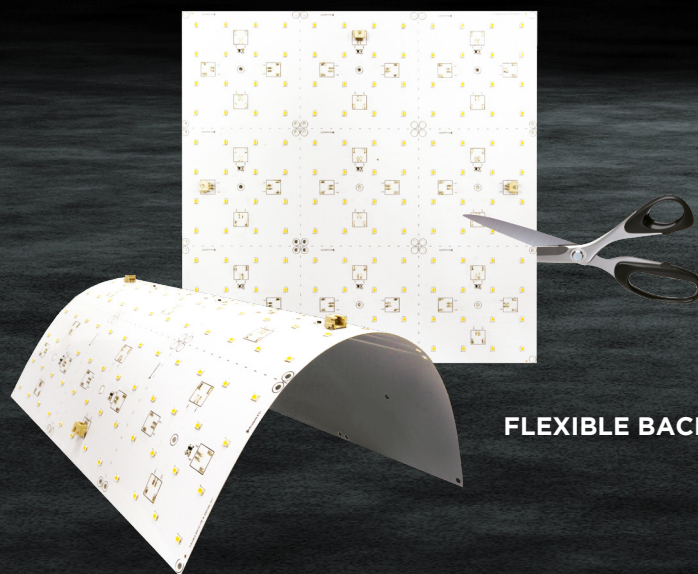
Another great option is our Flexible BackLyte, which can be custom cut to light any shape while being used in curved applications.

These products are perfect solutions for backlighting advertisements and translucent panels such as onyx, resin and stone.

Email us at Sales-US@GENLEDBrands.com to learn how we can customize BackLyte and Flexible BackLyte for your project!



BACKLYTE
0.52" THIN PROFILE



FLEXIBLE BACKLYTE





CLOSET LIGHTING

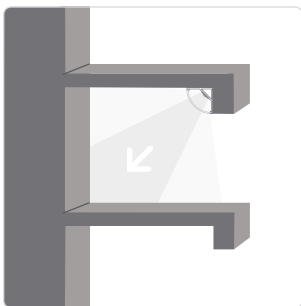
Our ETL-certified closet lighting options use well-placed LEDs that can kick-start anyone's day by bringing dark, dreary closets to life. A well-lit closet can feature display items and guarantee that nothing gets lost in a dim corner.

BRIGHT IDEAS

INDIRECT SHELF LIGHTING

A 45° inward angle will help bring illumination to the back of your shelves and make them look larger. Since you're lighting closet shelves, you won't need to worry about this angle projecting shadows onto a task surface.

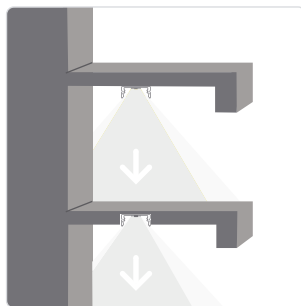
We recommend AC1 or AC2 Channels for this application.



DIRECT SHELF LIGHTING

A 90° angle is a common placement that uses discreetly placed fixtures to evenly light your shelves.

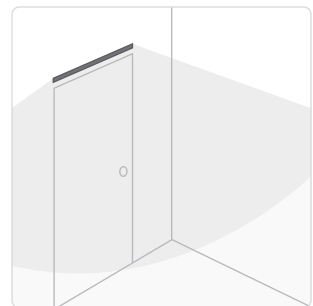
We recommend AR10, AR30, AS1 and AS3 Channels for this application.



ABOVE-DOOR LIGHTING

If you have a small closet, especially one without shelves, try using bright RibbonLyte in one of our corner channels above the door. You'll illuminate your entire space while obscuring the fixture itself.

We recommend AC5 Channel for this application.



THINGS TO THINK ABOUT

When lighting a closet, consider the size of the area, including the height of the ceiling, to determine which fixture will provide an even spread of light that accurately renders the colors of shoes, clothing, accessories and jewelry.

1. MULTIPLE SHELVES AND TIERS

Consider illuminating closet shelves with RibbonLyte. This type of light works much like general under-cabinet lighting. It will make your closet look larger, help you find things, & draw attention to focal pieces.

2. DECORATIVE/ACCENT LIGHTING

Even large closets are smaller than most rooms. In a small closet, consider using a corner channel to provide overhead illumination while the actual fixture remains unseen.

3. COLOR TEMPERATURE RECOMMENDATIONS

Try lighting your closet at 4000K or 3500K. These color temperatures will allow you to find what you need easily in a pleasantly toned environment.



Private Residence | New York City, NY | 6.0 / 8.8 Static White Classic RibbonLyte
Lighting Designer: Balestri Architects

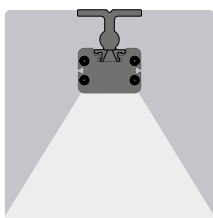
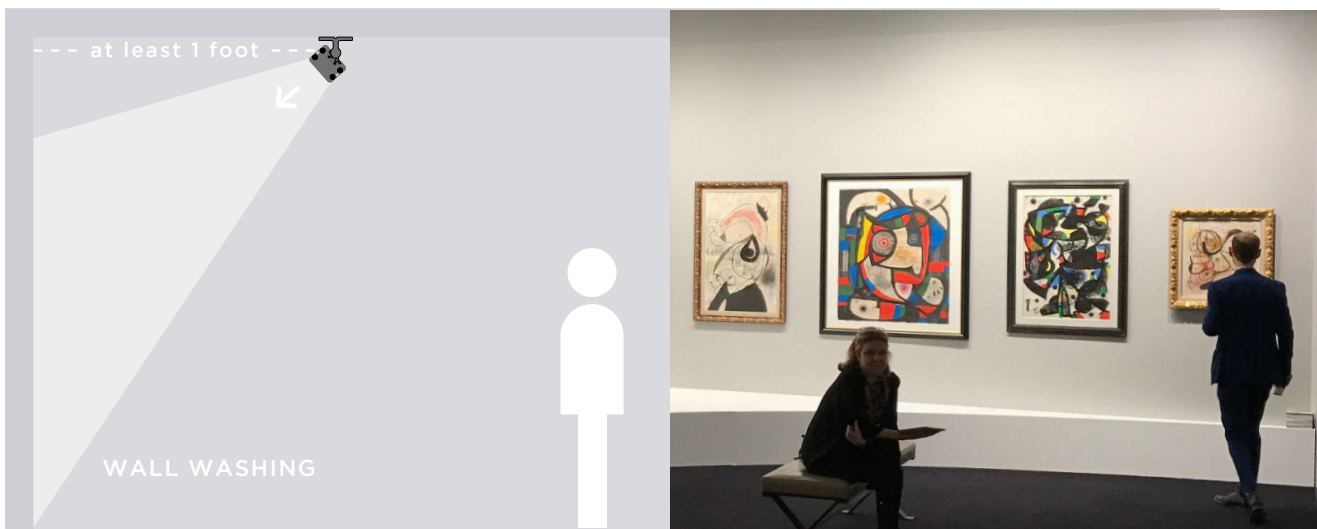
WALL WASHING & WALL GRAZING

BRIGHT IDEAS

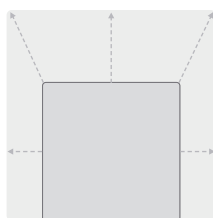
BRIGHT & CLEAN

The wall washing technique starts with light fixtures that are positioned away from the wall – usually at least a foot from the surface. Using fixtures that are most often mounted in or on the ceiling, wall washing creates a uniform spread of light that eliminates shadows and helps hide imperfections. Walls can also be washed from below with light from angled fixtures positioned in the floor or on mounting arms.

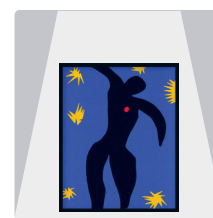
By highlighting architectural features as a luminous background, wall washing can help create the illusion of more space inside a room. Wall washing is best applied with a wider beam angle on a smooth, flat surface and it creates a bright, clear look. Consider wall washing to stress unique or dramatic colors in your interior design.



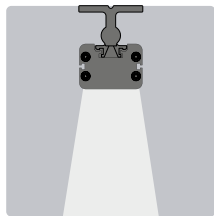
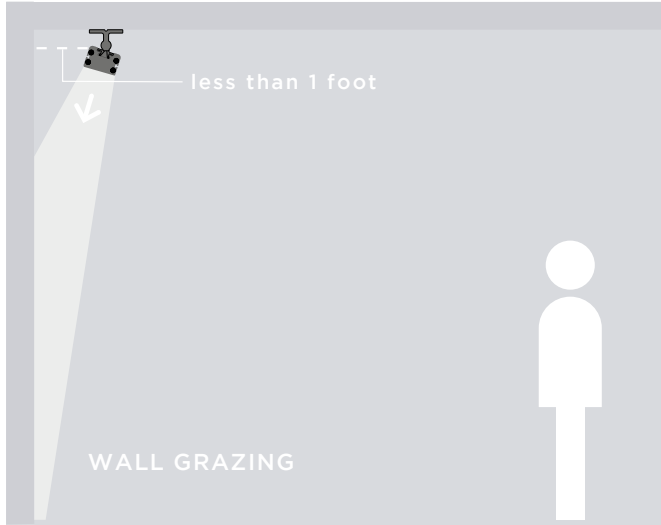
USES
WIDE
BEAM
ANGLE



CREATES
ILLUSION
OF SPACE



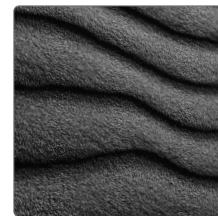
HIGHLIGHTS
BOLD
COLORS



USES
NARROW
BEAM
ANGLE



CREATES
DRAMATIC
SHADOWS



HIGHLIGHTS
UNIQUE
TEXTURES

SKIM THE SURFACE

Wall grazing uses fixtures that are positioned close to a wall — less than a foot away, most often with a tight beam angle that forces the light to skim or graze the surface. This highlights the textures of a wall, turning it into a focal point in a room or façade. It's a great look that stresses the shadows created by nooks and crannies in materials like brick or natural stone walls and fireplaces.

Slight adjustments to a fixture's narrow beam angles can create dramatic changes in the grazer's effect, which can be applied either as downlighting or up-lighting pointed toward the sky. Well-tuned wall grazing can create a stunning exterior facade for businesses and homes alike.

TOOLS OF THE TRADE

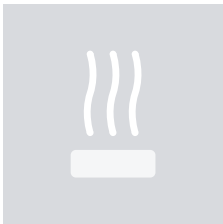
Acolyte offers a wide variety of premium LED wall washing and grazing options, including the Atom Linear fixture for interior solutions and the exterior Armor Series, which features the Mini Linear, the Nano Linear and RGBW Mini Linear fixtures that are manufactured with our impervious Gel-Flush™ Technology. Our new AC Mini Linear and RGBW AC Mini Linear products come with an onboard driver that provides increased run lengths.

We also specialize in custom work — consider any of our RibbonLyte products in custom channel fixtures for your grazing and wall washing solutions.



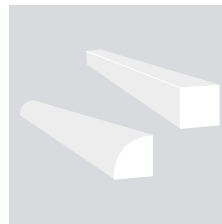
RIBBONLYTE: PROPER USAGE

We offer more than 30 different models of surface-mounted or embedded channel for our RibbonLyte products. Made from aluminum and available in any custom length, our channels have a wide variety of mounting options and lenses. We also offer in-wall and on-wall units that can double as sconces. Our superior heat sinking technology keeps everything running cool while RibbonLyte illuminates nearly any space with stunning vibrancy. For best results, please follow the advice on these pages.



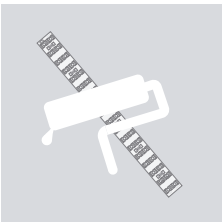
TOO DARN HOT

Be aware of the surface temperature of the material to which you mount RibbonLyte. Avoid high-risk locations such as building surfaces that are exposed to direct sunlight that exceed 70° C / 158° F.



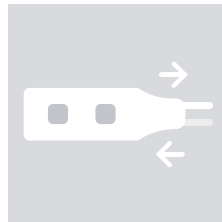
CHOOSE THE RIGHT CHANNEL

Not every RibbonLyte fits in every channel. Please check the RibbonLyte spec sheets for channel compatibility before ordering or installing.



STAY OUT OF THE PAINT

If you paint over your LED lights, you can shift the color temperatures to undesirable tones or risk eliminating light output entirely.



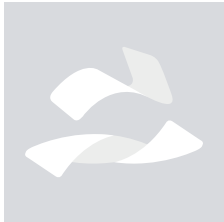
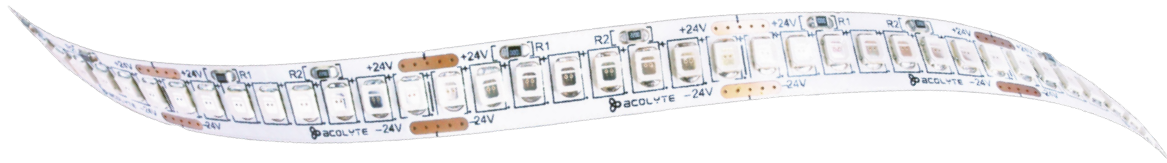
BE GENTLE

The wires attached to the circuit board are vital to RibbonLyte. Pulling too hard on the wires can damage the RibbonLyte and cause your lights to malfunction.



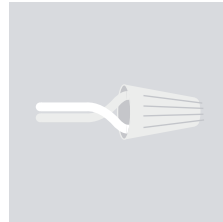
KEEP IT CLEAN AND SECURE YOUR SYSTEM

Make sure your RibbonLyte, channel, and installation surface are clean and free of dust. Wood, metal and sheetrock dust can damage your lighting system. Always remember to secure channels with proper mounting clips and hardware after alignment is achieved with provided adhesive backing.



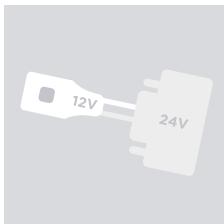
TAKE YOUR TIME

Our engineers designed RibbonLyte to be very flexible. It can be bent from the front plane up and down and can be installed almost anywhere. But don't twist it or bend it vertically or as aggressively as you could -- you could pop out an LED or damage the connectors.



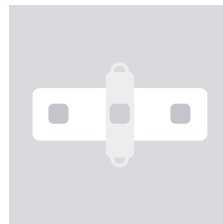
MIND THE GAP!

Don't leave gaps between wires. By properly connecting wires, you prevent electric arcing that can have detrimental effects on power transmission, distribution systems and the RibbonLyte. A loose connection is a fire hazard that can cause sparks and overheating – and will keep your product from lighting.



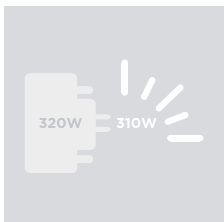
CHECK THE VOLTAGE ON YOUR DRIVER

This step is critical when installing RibbonLyte. If you use a lower voltage driver than recommended, the RibbonLyte will not illuminate. If you use a higher voltage driver than recommended, you will damage the LEDs. Always remember to match the driver voltage to the LED voltage.



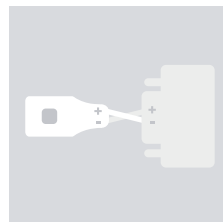
CHECK THE CLIPS

RibbonLyte products have sensitive points like resistors and, of course, the LEDs themselves. We provide enough room to place mounting clips between the LEDs if you're not installing them in one of our channels. Placing a mounting clip over an LED could damage a section of lights or even the entire RibbonLyte.



AVOID OVERLOAD

It is very important to allow a 10% reduction from the driver's maximum wattage to the actual load placed on the driver. RibbonLyte wattage can vary slightly from its reported wattage, so we recommend that you never use more than 90% of the driver's max wattage to prevent overloading the driver.



WATCH THE LEAD WIRES

If you connect the DC+ connection of your RibbonLyte with the DC- connection of your driver, your RibbonLyte will not illuminate.

Technical Support: +1 212.629.6830 x 301
Tech@GENLEDBrands.com



OUR PRODUCTS

Acolyte offers complete integrated LED lighting solutions. Our diverse product line includes state-of-the-art RibbonLyte, a variety of fixtures, custom panel design, drivers, controllers and hardware to optimize performance.

Please visit us at www.GENLEDBrands.com to learn more.

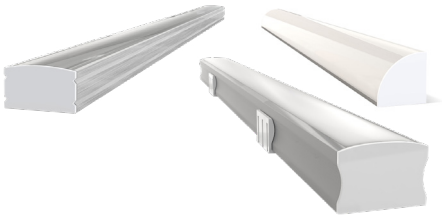


Tower280 | Rochester, NY, USA | Product: IP65 8.8 RGB RibbonLyte in AS3 Channel Fixture
Lighting Designer: Acolyte | Photographer: Joe Morgante

RIBBONLYTE

RibbonLyte is flexible and customizable. With more than 25,000 fixture variations, it's a versatile solution for nearly any installation. Our custom coloring process ensures complete color accuracy through all color options. With varied intensities, white color temperatures, lumens and watts per foot, there's sure to be a RibbonLyte solution that fits your specific needs.

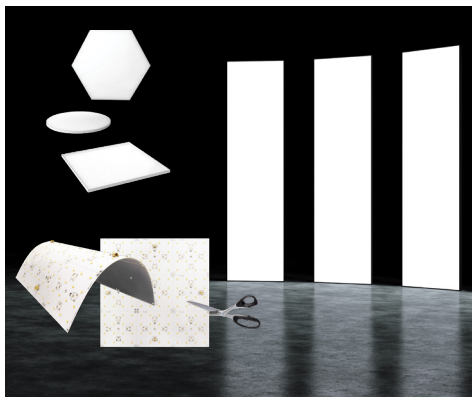
Static White | Static Color | Micro | Variable White | RGBW | RGBA | Matrix | Direct AC | Warm Dim | RGB & RGBW Addressable



CHANNEL FIXTURES

We offer dozens of surface-mounted and embedded channels. Multiple lens options allow you to create a custom look that's easy to install. Excellent heat sinking keeps everything running cool while illuminating nearly any space.





BACKLYTE + FLEXIBLE BACKLYTE

Our lightweight BackLyte panels are perfect for backlighting translucent panels in advertising or decor. They can be custom cut to fit almost any shape. Flexible BackLyte panels can light unique shapes on a curve!



NEON SILHOUETTE, NEON CONTOUR & NEON APEX

Like neon, but better! Our Neon Silhouette and Neon Contour are great for accentuating logos and other focal elements. These flexible, waterproof silicone tubes capture the classic gleam of neon. Check out our new Plus sizes, too!

Our Neon Apex is a flexible neon replacement product designed for unique applications with a top bend light surface. Featuring a pliable silicone lens, it's a great solution for lighting above or below an arch or wrapping around other molded shapes. With Static White, Variable White, Static Color and RGB options, the Neon Apex marries the classic gleam of neon with all the benefits of modern LEDs.



B2 BENDABLE CHANNEL FIXTURES

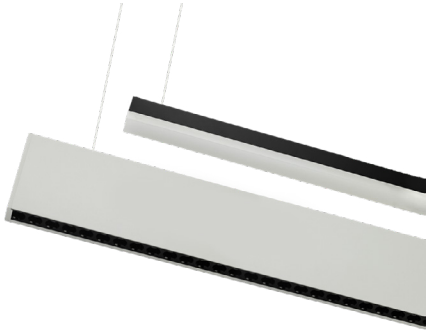
Our slim bendable channel is made for those special curves or smooth corner projects. Great for versatility and clean lines.



RIGID AC

Perfect for use in cabinets and coves to create a seamless glow with no visible points of light. The Rigid AC line has features like dimming, snap fit, linkable design, 6" of jumper cable and mounting clips. Easy to use and versatile, these fixtures are great for new installations or retrofits. Rigid AC fixtures are closet-rated, do not require a driver and feature an in-line on/off switch. Available in six standard lengths: 9, 13.5, 23, 34.5, 46.3 and 58 inches and five color temperatures: 2700K, 2900K, 3500K, 4100K and 6200K.





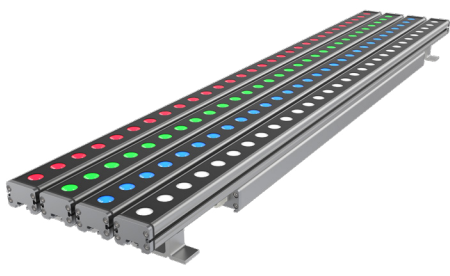
PERCEPTION PENDANTS

The Perception Pendant series is all about how you see things! With premium optics presented in a sleek and subtle design, Perception Pendants are available in regular and plus-sized 24V fixtures with simple aircraft cable suspension and a single power supply line. Perception Pendants come in five nominal lengths* from 2 ft to 8 ft long and offer the freedom to create custom matching fixtures in any color.



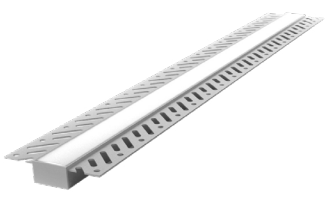
LINEARLYTE FIXTURES

Where there's a need for overhead lighting, our LinearLyte fixtures deliver. Our pendant fixtures are light and efficient, and can mount to drop ceilings, concrete or drywall/gypsum. Available in multiple styles and lengths, our LinearLyte fixtures can be powder coated to match any color in your design.



ARMOR SERIES EXTERIOR FIXTURES

The Armor Series is a family of wall washers and grazer products for use in highlighting exterior architectural details and facades. Manufactured with Gel-Flush™ Technology that uses a proprietary potting gel developed by Dow Corning, Armor Series fixtures won't suffer leaks, condensation or any breach from environmental elements. Our Nano Linear fixture is available in several Static White CCTs, while the Mini and AC Mini Linear products are available in Static White or Color Changing versions.



SIMPLY CLEAN™ MUD-IN EXTRUSIONS

The Simply Clean™ series of recessed fixtures is designed to fit flush to your lighting surface. These sleek, smooth extrusions can be installed in new or existing drywall/gypsum walls and ceilings.





DRIVERS

Power your LEDs with a variety of drivers optimized for performance. All of our drivers are suitable for wet or dry locations.

0-10 Volt Dimming | ELV/MLV Dimmable | Lutron Hi-Lume
Magnetic Dimming | Non-dimming Electronic



CONTROLLERS & DIMMING

We offer a wide range of dimmers and DMX controllers to give you total control over your LED-lit environments.

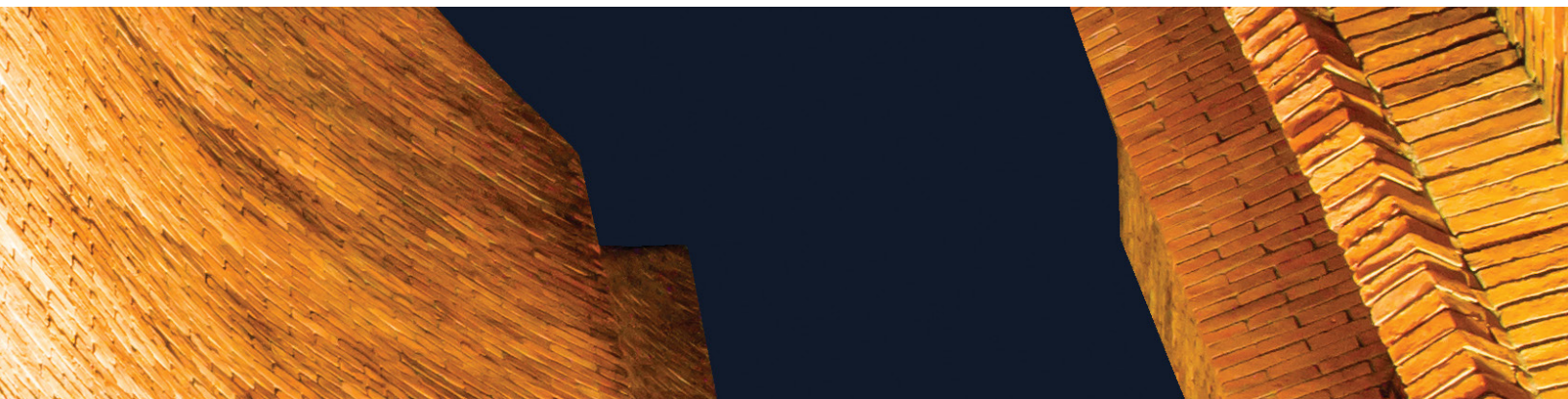
0-10 Volt Dimming | Line Voltage Dimming | Lutron Controls | DMX



PARTS & ACCESSORIES

Every lighting system comes complete with the necessary hardware to ensure a proper installation. Accessories include mounting clips, screws, DMX cables, extra wire and double-sided tape.

Connectors & Cables | Mounting Hardware | Bare End Wires | Tape



CONTACT US

CALL US. EMAIL US. WRITE US A LETTER.
CONNECT WITH US ON SOCIAL MEDIA.



PRICING & SALES SUPPORT

T: (+1) 212 629 6830, ext. 300
E: SalesSupport@GENLEDBrands.com



TECHNICAL SUPPORT

T: (+1) 212 629 6830, ext. 301
E: Tech@GENLEDBrands.com



CUSTOMER SERVICE

T: (+1) 212 629 6830, ext. 304
E: CustomerService@GENLEDBrands.com



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See our product videos in the Media section at Acolyte.com



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ACOLYTE®
Architectural Lighting Solutions

AGILIGHT®
Innovative Signage Lighting

GLOBAL HQ & AMERICAN SALES

U.S., Canada, Central and South America

320 Murray Hill Pkwy
East Rutherford, NJ 07073
T: (+1) 212 629 6830
E: Sales-US@GENLEDBrands.com

EUROPEAN SALES HQ

With offices in Netherlands, UK, Italy, Germany

Dali Building
Herikerbergweg 286, 8th Floor
1101 CT Amsterdam, The Netherlands
T: (+31) 85 208 6093
E: SalesEurope@GENLEDBrands.com

MEINA SALES HQ

Middle East, India, Africa

PO Box 371378, #823, Building 4EA
Dubai Airport Free Zone, Dubai, UAE
T: (+971) 4 701 7901
E: SalesMEINA@genlebrands.com

ASIA-PACIFIC SALES HQ

With offices in Shenzhen, Shanghai, Singapore, Australia

Room 310-311, Building 8A-2,
Dezhigao Science Innovation Park, Zone 72
Xin'An Street,
Bao'An, Shenzhen,
China
Sales: (+86) 139 1836 3905
Office: (+86) 755 8529 0710
E: Sales-Pacific@GENLEDBrands.com

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AcolyteLED.com
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www.GENLEDBrands.com/Acolyte
P. +1 212.629.6830
F. +1 210.360.1454
Sales-US@GENLEDBrands.com

Domino Park | Brooklyn, NY, USA
ASI Channel | 3.0 Static White RibbonLyte
Photographer: David Handschuh

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