GEN LED ACOLYTE®

Architectural Lighting Solutions

INTRODUCTION

PRODUCTS

CONNECT

Gensler Office NYC | New York City, NY | NeonLyte
Lighting Designer: Mike Castelli, HDLC Lighting
Photographer: Garret Rowland
Courtesy of Gensler

Gensler Office NYC | New York City, NY | 3.0 Static White Classic RibbonLyte
Lighting Designer: Mike Castelli, HDLC Lighting | Photographer: Garret Rowland, Courtesy of Gensler

ARCHITECTURAL
LIGHTING SOLUTIONS

At **GEN**LED Acolyte®, a quality brand of **GEN**LED Brands™, we create fully integrated LED lighting systems with the highest standards of quality control and customer service. Through our collaboration with international designers, our products can be found in major installations worldwide. Our industry leading RibbonLyte delivers true, accurate color at all color temperatures with double the run length of the competition. We offer custom design and fabrication, as well as a full line of fixtures, controls and mounting accessories, all with world-class customer service.

ABOUT **GEN**LED ACOLYTE®

GENLED Acolyte® is a global LED manufacturer that strives to provide the highest quality products and exceptional customer service. We have more than 70 lighting agency offices in the United States, Canada, Europe, Caribbean, Middle East, Australia, New Zealand and Asia-Pacific ready to help you achieve your lighting needs by providing a one-stop-shop for everything from flexible linear LEDs, complete fixtures, controls and mounting accessories. It is **GEN**LED Acolyte®'s goal to provide our clients with Complete Integrated LED Lighting Solutions.

With over 15 years' experience in LED lighting, we have completed over 20,000 installations worldwide with full-service application support, including our detailed tracking system that provides tracking information about any product order, in real time. We offer lighting systems for museums, commercial, residential, retail, entertainment, government, healthcare, and public spaces, and a product portfolio that ranges from 1.5 to 8.8 Watts per foot and includes a wide selection of color control and dimming options. All orders ship with photometric reports to ensure that color temperatures always match when reordering. Contact our customer support team to find out more about our products.

In addition to the thousands of options already available, we can bring any lighting vision to life with our custom design and fabrication specialists. This commitment to quality control guarantees accurate product performance, every time.

Our products meet and exceed industry certifications to resist weather conditions and safeguard against failure under performance. They also conform to industry regulations regarding hazardous materials.

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

2-STEP BINNING FOR ALL STATIC WHITE RIBBONLYTE FOR CONSISTENT COLOR

GENLED Acolyte® uses a two-step MacAdam ellipse binning process for white LEDs and an industry-leading, fully integrated design.

By manufacturing our LEDs this way, we can ensure the most accurate color temperature, CRI and hue, time after time. We run photometric, spectral and colorimetric tests for our LEDs and optimize a selection of over 20 aluminum channels for styling and performance. Our commitment to quality control ensures accurate color reproduction and standardized light quality throughout our entire product line.

3 OUNCE COPPER FOR LONGER LED LIFE

GENLED Acolyte® utilizes the highest-quality components and advanced technology. Our RibbonLyte is made with 3-ounce copper board that dissipates heat more efficiently than the competition, resulting in best-in-class run lengths of a maximum of 85 feet in a single run, in addition to a Lumen range from 90 to 900 lm/ft.

## FACTORY OWNERSHIP FOR EXCELLENT QUALITY CONTROL

GENLED Acolyte® owns and operates a full-service factory in Shenzhen, China, to help meet continued demand for our quality products and first-class service, all done according to the highest standards. We use state-of-the-art equipment to ensure the quality of our products and our quality control is conducted by an experienced team using two different size photometric machines. Ownership allows us to design and develop our own products with the help of our research and development team as well as our in-house lighting designers. This first-class factory allows us to continue to provide LED lighting solutions for every application.

FINAL ASSEMBLY OF US ORDERS IN NEW JERSEY

To uphold our commitment to accessibility and on-time delivery, our 18,000-square-foot New Jersey facility is the hub for domestic product assembly, inventory, and international shipping and receiving. After LED components are received in New Jersey from our factory in China, we estimate an average lead time of 2-3 weeks to provide custom assembly for the specific needs of our clients. Upon completion, orders are packed for immediate shipment.

LED PRODUCTION
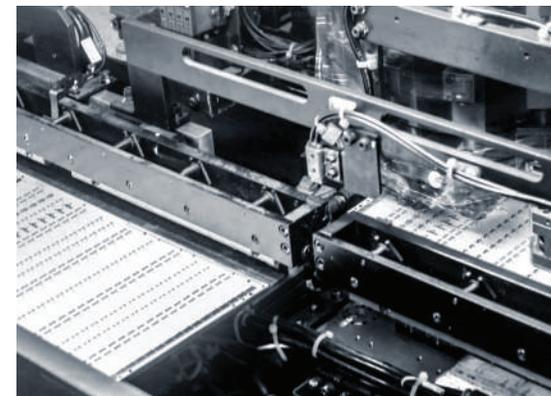
RibbonLyte starts with carefully selected Royal Blue LEDs. Our engineers then begin wavelength tests in our on-site Integrating Sphere to determine nanometer values. We then select pigment that is within range of the recorded values. From there, production and testing of a small batch combining the LEDs and pigment is initiated for further optimization.

When an LED has exceeded our high standards for performance and reliability, we complete production of the selection. Afterwards, conclusive tests are run to confirm consistency. Once the LEDs have completed testing, circuit boards are populated. We then conduct an 8-hour burn-in test of a 3-foot sample in our large integrating sphere, finalize quality control checks, pack the finished product for shipping, and deliver to our U.S. facility located in New Jersey.

GEL-FLUSH™ INNOVATIVE WATERPROOF TECHNOLOGY
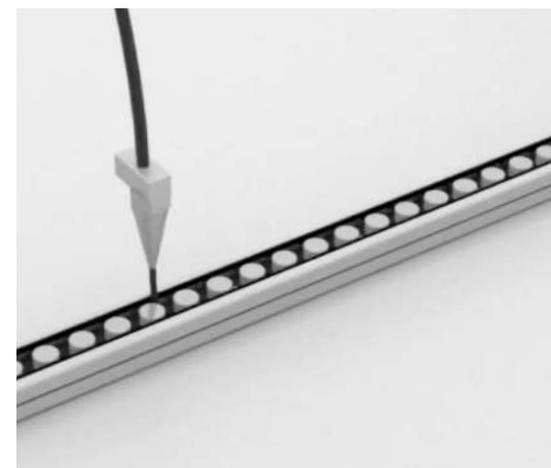
GENLED Acolyte® has launched a proprietary fixture sealing method called Gel-Flush™ Technology that is designed to create higher performance and superior life to **GEN**LED Acolyte®'s exterior fixtures. This technology provides impenetrable breaches from any elements in weather and atmosphere! **GEN**LED Acolyte®'s complete exterior wall washer line and all outdoor products now are manufactured with Gel-Flush™.

With the help of Dow Corning's RTV-T (potting silicone) in the final assembly stage, Gel-Flush™ gets pushed through the fixtures, followed by the installation of the lens covers and end caps, and then it is set aside for a 24-hour curing period.

GENLED Acolyte®'s exterior products are guaranteed to never leak, condensate, or be breached by any environmental elements. This results in a clear and unobstructed beam of light from **GEN**LED Acolyte® fixtures—no more water beads changing and/or refracting the specified beam angles.

GENLED ACOLYTE®
PRODUCTS

▶ RIBBONLYTE APPLICATIONS

GENLED Acolyte®'s state-of-the-art RibbonLyte will enhance your space and help you create the ultimate lighting scheme. Advantages to using RibbonLyte include the gaining capacity and versatility of designing a unique environment attune to your specific needs, thanks to the wide variety of color temperatures, wattages, and now shorter cuttable lengths.

UNDER-CABINET LIGHTING

Highlight architectural features or a lovely backsplash, or simply make it easier to find those hidden items. Try illuminating bookshelves, drawers, and cabinets to help organize in style.

COVE LIGHTING

Use cove lighting to make any space feel grand. An aesthetically pleasing addition to any home, cove lighting can highlight a home's architecture and envelop guests in a feeling of awe.

CLOSET LIGHTING (LEFT)

Our ETL certified closet lighting options, using well- placed LEDs, bring any dark, dreary closet to life. With a well-lit closet, all your items can be put beautifully on display and will not get lost in an unlit corner. With the capabilities to suit any closet, our LEDs can kick start anyone's day.

TOE KICK LIGHTING (RIGHT)

Often applied outdoors and under beds and cabinets, toe kick lighting is an unexpected and elegant way to illuminate any pathway. Toe kick lighting makes it very easy to safely maneuver dimly lit rooms or outdoor settings.

CUSTOMIZABLE BACK LIGHTING

Great for illuminating decorative panels and glass in restaurants, bars, hotels and even office spaces. Our Customizable BackLyte is excellent for these applications because the smooth glow of light means it can be placed extremely close to the translucent surface, and can be made in any shape.
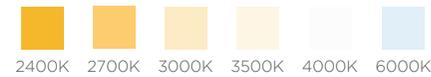
GEN LED ACOLYTE®
Architectural Lighting Solutions

Commercial | Entertainment | Healthcare | Hospitality
Museums | Public Spaces | Residential | Retail

STATIC WHITE SERIES 2 & STATIC WHITE MICRO

GENLED Acolyte®'s updated our signature RibbonLyte product line to provide a 40% or more increase of lumens per watt, lumens per foot, and LEDs per foot. Also, RibbonLyte now has tighter LED spacing and shorter cuttable lengths.

GENLED Acolyte®'s Static White Micro RibbonLyte 3.0 and 4.5 can create unique visual effects and precision lighting for tight spaces. It's designed to fit into our new AS7, AR7, AS9, and AR9 ultra slim channels. In 3 W/ft (9.8 W/m) and 4.5 W/ft (14.8 W/m), the IP20 and IP65 versions are only 0.20 inches wide (5mm) !

- 1.5-6.0 W/ft (4.9 - 19.7 W/m)
- 90+ CRI
- Max 792 lm/ft (Max 2598 lm/m)
- Color Temperatures: 2400K-6000K
- 24 V DC Voltage
- 2-Step MacAdam's ellipse binning

2400K 2700K 3000K 3500K 4000K 6000K

CE ETL RoHS IP20 IP65 IP68

CLASSIC RIBBONLYTE & SERIES 2 RIBBONLYTE COMPARISON CHART

CLASSIC RIBBONLYTE		RIBBONLYTE SERIES 2
90.7 lm/W	18 LEDs/ft (60 LEDs/m) Cuttable Length 3.94" (100 mm)	136 lm/ft (446 lm/m)	**1.5** W/ft	138 lm/W	24 LEDs/ft (80 LEDs/m) Cuttable Length 3.94" (100 mm)	207 lm/ft (679 lm/m)
78.6 lm/W	9 LEDs/ft (30 LEDs/m) Cuttable Length 6.55" (166.4 mm)	173 lm/ft (568 lm/m)	**2.2** W/ft	135 lm/W	24 LEDs/ft (80 LEDs/m) Cuttable Length 3.94" (100 mm)	297 lm/ft (953 lm/m)
90.3 lm/W	36 LEDs/ft (120 LEDs/m) Cuttable Length 1.97" (50 mm)	271 lm/ft (889 lm/m)	**3.0** W/ft	137 lm/W	48 LEDs/ft (160 LEDs/m) Cuttable Length 1.97" (50 mm)	411 lm/ft (1348 lm/m)
82.5 lm/W	18 LEDs/ft (60 LEDs/m) Cuttable Length 3.94" (100 mm)	363 lm/ft (1191 lm/m)	**4.4** W/ft	133 lm/W	48 LEDs/ft (160 LEDs/m) Cuttable Length 1.97" (50 mm)	585.2 lm/ft (1920 lm/m)
100.4 lm/W	36 LEDs/ft (120 LEDs/m) Cuttable Length 1.97" (50 mm)	502 lm/ft (1647 lm/m)	**5.0** W/ft	135 lm/W	68 LEDs/ft (224 LEDs/m) Cuttable Length 1.41" (35.7 mm)	675 lm/ft (2214 lm/m)
87.5 lm/W	72 LEDs/ft (240 LEDs/m) Cuttable Length 1.97" (7mm)	536 lm/ft (1759 lm/m)	**6.0** W/ft	132 lm/W	68 LEDs/ft (224 LEDs/m) Cuttable Length 1.41" (35.7 mm)	792 lm/ft (2598 lm/m)
Above product data is based on 3500K test results		Above product data is based on 3500K test results

STATIC WHITE CLASSIC

White lighting is the primary way we illuminate our world. Multiple variations of temperature and wattage makes our Static White Classic RibbonLyte a great option for brightening areas like coves, under cabinets, closets, stairs, rails and much more. Indoor and outdoor rated, Acolyte's Static White Classic RibbonLyte is suitable for residential or commercial uses.

- 1.5-8.8 W/ft (4.9 - 28.9 W/m)
- 24 V DC Voltage
- Max 696 lm/ft (Max 2283 lm/m)
- Color Temperatures: 2400K-6000K

2400K 2700K 3000K 3500K 4000K 6000K

UL ETL RoHS IP20 IP65 IP68

GEN LED ACOLYTE®
Architectural Lighting Solutions

Bridgeland | Cypress TX | IP68 5.5 RGBW (3000K) RibbonLyte in AT5 Channel Fixture

STATIC COLOR SERIES 2 & STATIC COLOR MICRO

Illuminate in color. Our Static Color Series 2 RibbonLyte offers a variety of intensities and hues. Backlight your space with brilliant blue, or warm it up with an amber glow.

GENLED Acolyte®''s Static Color Micro RibbonLyte can create unique visual effects and precision lighting for tight spaces. It's designed to fit into our new AS7, AR7, AS9, and AR9 ultra slim channels. In 3 W/ft (9.8 W/m) and 4.5 W/ft (14.8 W/m), the IP20 and IP65 versions of this tape are only 0.20 inches wide (5mm) !

- 1.5-6.0 W/ft (4.9-19.7 W/m)
- 24 V DC Voltage
- Max 651 lm/ft (Max 2137 lm/m)
- Colors: Red, Green, Blue, Amber, Violet

Red Green Blue Amber Violet

CE ETL* RoHS IP20 IP65 IP68

*(*ETL = series 2 only, not micro)*

RGB | RGB WHITE | RGB AMBER

RGB RibbonLyte uses high-brightness LEDs to create a full spectrum of colored light with 16 million choices. Using a DMX control system, you can change color as often as you'd like with program settings like rolls, fades and single color. Available in a multitude of intensities from 2.2 Watts per foot to 8.8 Watts per foot.

- 2.2-8.8 W/ft (7.2-28.9 W/m)
- 24 V DC Voltage
- Max 536.8 lm/ft (Max 1761.2 lm/m)
- Colors: RGB 3-In-1, RGB + White, RGB + Amber

RGB RGBW RGBA

UL ETL RoHS IP20 IP65 IP68
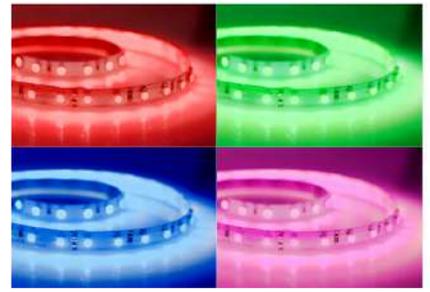
STATIC COLOR CLASSIC

Our Static Color Classic RibbonLyte also offers a range of intensities and hues. Stimulate your space with vivid red, or calm it down with soothing green.

- 1.5-8.8 W/ft (4.9-28.9 W/m)
- 24 V DC Voltage
- Max 339.30 lm/ft (Max 1112 lm/m)
- Colors: Red, Green, Blue, Amber, Violet

Red Green Blue Amber Violet
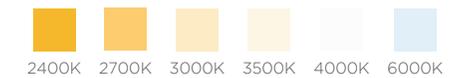
UL ETL RoHS IP20 IP65 IP68

MATRIX 3.0

Commercial | Entertainment | Healthcare | Hospitality | Museums | Public Spaces | Residential | Retail

Our Matrix RibbonLyte conforms to curves! We designed a circuit board that allows Matrix RibbonLyte to flex and bend in any direction. Unlike traditional RibbonLyte, Matrix bends up to 90 degrees, making it the perfect choice for rounded coves, sharp angles or any intricate lighting application.

• 3 W/ft (9.8 W/m)
• 24 V DC Voltage
• 262.1 lm/ft (860 lm/m)
• Color Temperatures: 2400K - 6000K

2400K 2700K 3000K 3500K 4000K 6000K

RoHS IP20

DIRECT AC RIBBONLYTE

Commercial | Entertainment | Healthcare | Hospitality | Museums | Public Spaces | Retail

The Direct AC RibbonLyte extends up to 164 feet with no drivers – perfect for long coves and other large spaces. It is factory cuttable every 4 inches (101.6 mm), versus most of our competitors' AC products, which are only cuttable every 1.5 feet or longer.

• 4.0 W/ft (13.1 W/m)
• 120 V USA | 230 V International
• 314.2 lm/ft (1031 lm/m)
• Color Temperatures: 2400K - 6000K

2400K 2700K 3000K 3500K 4000K 5000K 6000K

RoHS IP65

GENLED Acolyte® is a quality division of GENLED Brands™ | GENLEDBrands.com

VARIABLE WHITE 3.0*

Recreate natural light variances with 3.0 Variable White RibbonLyte. Great for residences, create any color temperature between 2400K and 6000K with just the push of a button or turn of a dial. DMX control allows for a single zone wall controller or larger system. Even with a power outage, the system will retain all settings. 3.0 Variable White RibbonLyte can even be calibrated to match other companies' color temperatures.

• 3 W/ft (9.8 W/m)
• 24 V DC Voltage

• Max 223 lm/ft (731.1 lm/m)
• Color Temperatures: 2400K + 6000K

VARIABLE WHITE AMBER*

The hue of sunlight is ever-changing, and with our Variable White Amber RibbonLyte, you can replicate the warm tones of sunrise and sunset. Offering a full range from 2400K to 6000K, our Variable White Amber lights are used in many medical, residential and commercial applications. Like the other Variable White products, this is a DMX-controlled product that can be controlled with **GEN**LED Acolyte®'s single zone wall controller or a larger DMX system.

• 6 W/ft (19.7 W/m)
• 24 V DC Voltage

• Max 308 lm/ft (1010 lm/m)
• Color Temperatures: 2400K + 6000K + Amber

VARIABLE WHITE RED*

LEDs mix blue with yellow light and have little red in them. We solve that problem with our Variable White Red RibbonLyte, which offers high CRI and rich red tones without limiting you to a specific color temperature. Just like our Variable White Amber, Variable White Red is a three-channel product. When using the red channel, Variable White Red lighting is great for commercial lighting or for illuminating red objects. Like the other Variable White products, this is a DMX controlled product that can be controlled with **GEN**LED Acolyte®'s single zone wall controller or a larger DMX system.

• 6 W/ft (19.7 W/m)
• 24 V DC Voltage

• Max 308 lm/ft (1010 lm/m)
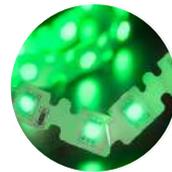• Color Temperatures: 2400K + 6000K + Red

all certifications below apply

Arlington Club | New York, NY, USA | Variable White Amber RibbonLyte
Lighting Designer: ICRAVE

UL   ETL   RoHS   **IP20**   **IP65**   **IP68**

GEN LED ACOLYTE®
Architectural Lighting Solutions

Baia Burger | Shenzhen, China | RGB Matrix 3.0 RibbonLyte
Lighting Designer: Easty Shan

WARM DIM 5.2

Warm Dim RibbonLyte uses dual chip LEDs to gradually dim from 2900K at full brightness down to 2000K at the lowest level before switching off – just like an incandescent lamp! This is done with a standard 0-10V dimmer or dimming system. Dual chip LEDs provide excellent color mixing as you dim, while a tight spacing minimizes or even eliminates hot spots, depending on the **GEN**LED Acolyte® channel or lens you pair with.

*Note: IP65 and IP68 versions have a CCT range of 2700-2100K

• 5.2 W/ft (17 W/m)
• 24 V DC Voltage
• Max 288 lm/ft (945 lm/m)
• Color Temperatures:
  IP20: 2900K + 2000K,
  IP65/IP68: 2700K + 2100K)

UL   cETLus   RoHS   IP20   IP65   IP68

2900K   2000K

RGB MATRIX 3.0

Our Matrix RibbonLyte conforms to curves! We designed a circuit board that allows Matrix RibbonLyte to flex and bend in any direction. Unlike traditional RibbonLyte, Matrix bends up to 90 degrees, making it the perfect choice for rounded coves, sharp angles or any intricate lighting application. RGB creates stunning, vibrant colors to bring life to any space.

• 3 W/ft (9.8 W/m)
• 24 V DC Voltage
• 110 lm/ft (360 lm/m)
• Color: RGB

RGB   UL   cETLus   RoHS   IP20

22

GENLEDBrands.com/Home/Acolyte

Warm Dim RibbonLyte

SURFACE MOUNTED CHANNELS

We offer over 20 different models of surface-mounted and embedded channels. Made from aluminum and available in any length, there's a variety of mounting options and lenses to choose from. We also offer in-wall and on-wall units that can double as a sconce. Excellent heat sinking keeps everything running cool while illuminating nearly any space with stunning vibrance.
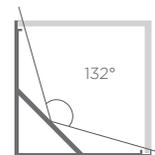
Custom design a fixture for nearly any application with our channels and RibbonLyte products. Choose from options of clear, frosted or milky lenses to select the desired level of light output and LED imaging.

AC1

120°
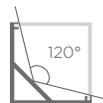
Part: CHAC1
W/H: 0.63 x 0.63 in / 16 x 16 mm
Inside: 0.48 in / 12.2 mm

AC4

132°

Part: CHAC4
W/H: 1.18 x 1.18 in / 30 x 30mm
Inside: 0.77 in / 19.56 mm

AC2

120°

Part: CHAC2
W/H: 0.63 x 0.63 in / 16 x 16 mm
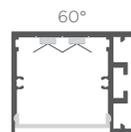Inside: 0.48 in / 12.2 mm

AC5

132°
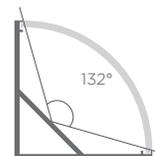
Part: CHAC5
W/H: 1.18 x 1.18 in / 30 x 30 mm
Inside: 0.77 in / 19.56 mm

AC3

78°

Part: CHAC3
W/H: 0.74 x 0.74 in / 18.8 x 18.8 mm
Inside: 0.48 in / 12.2 mm

AW35

60°

Part: CHAW35
W/H: 1.65 x 1.38 in / 42 x 34 mm
Inside: 1.18 in / 30 mm

AS1

118°

Part: CHAS1
W/H: 0.68 x 0.34 in / 17.2 X 8.6 mm
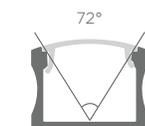Inside: 0.48 in / 12.2 mm

AT4

120°

Part: CHAT4
W/H: 0.77 x 0.74 in / 19.6 x 18.8 mm
Inside: 0.67 in / 17.1 mm

AS2

66°

Part: CHAS2
W/H: 0.7 x 0.6 in / 17.78 x 15.2 mm
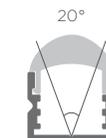Inside: 0.49 in / 12.45 mm

AT5

120°

Part: CHAT5
W/H: 0.77 x 0.74 in / 19.6 x 18.8 mm
Inside: 0.66 in / 16.8 mm

AS3

120°

Part: CHAS3
W/H: 0.93 x 0.42 in / 23.6 x 10.7 mm
Inside: 0.81 in / 20.6 mm

AT11

120°

Part: CHAT11
W/H: 0.77 x 0.49 in / 19.6 x 12.5 mm
Inside: 0.67 in / 17 mm

AS6

72°

Part: CHAS6
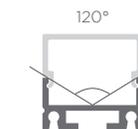W/H: 0.89 x 0.62 in / 22.5 x 15.7 mm
Inside: 0.71 in / 18 mm

AS7 & AS9 MICRO

35°

Part: CHAS7
W/H: 0.39 x 0.59 in / 10 x 15 mm
Inside: 0.31 in / 8 mm

40°

Part: CHAS9
W/H: 0.31 x 0.35 in / 8 x 9 mm
Inside: 0.22 in / 5.7 mm

AS20G

20°

Part: CHAS20G
W/H: 0.61 x 0.75 in / 15.5 x 19 mm
Inside: 0.42 in / 10.7 mm

▶ SURFACE MOUNTED CHANNELS

AP1

83°

Part: CHAP1
W/H: 0.75 x 0.81 in / 19 x 20.6 mm
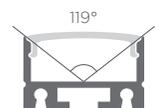Inside: 0.59 in / 15 mm

ROUND

90°

Part: CHROUND
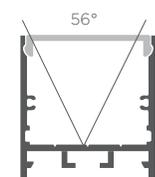Diameter: 0.94 in / 24 mm
Inside: 0.55 in / 14 mm

B1

120°

Part: CHB1
W/H: 0.77 x 0.26 in / 19.5 x 6.5 mm
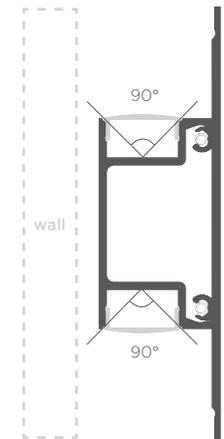Inside: 0.69 in / 17.6 mm

C22

119°

Part: CHC22
W/H: 0.93 x 0.6 in / 23.6 x 15.2 mm
Inside: 0.8 in / 20.3 mm

WH35

56°

Part: CHWH35
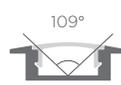W/H: 1.37 x 1.47 in / 35 x 37.5 mm
Inside: 1.23 in / 31.2 mm

GL2

90°

90°

wall

Part: CHGL2
W/H: 0.93 x 3.25 in / 23.62 x 82.6 mm
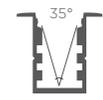Inside: 0.47 in / 12 mm (2 times)
(on-wall installation)

▶ RECESSED CHANNELS

AR1

109°

Part: CHAR1
W/H: 0.9 x 0.31 in / 22.9 x 7.9 mm
Inside: 0.49 in / 12.5 mm

AR2

66°

Part: CHAR2
W/H: 0.94 x 0.6 in / 23.9 x 15.2 mm
Inside: 0.49 in / 12.5 mm

AR3

120°

Part: CHAR3
W/H: 1.2 x 0.39 in / 30.5 x 9.9 mm
Inside: 0.81 in / 20.6 mm

W31

56°

Part: CHW31
W/H: 1.93 x 1.48 in / 49 x 37.5 mm
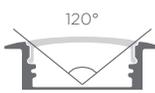Inside: 1.23 in / 31.2 mm

AR7 & AR9 MICRO

35°

Part: CHAR7
W/H: 0.39 x 0.59 in / 10 x 15 mm
Inside: 0.33 in / 8.5 mm

40°

Part: CHAR9
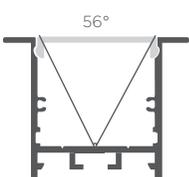W/H: 0.31 x 0.35 in / 8 x 8.9 mm
Inside: 0.22 in / 5.7 mm

GL1

wall

96°

wall

Part: CHGL1
W/H: 1 x 2.76 in / 25.4 x 70 mm
Inside: 0.47 in / 12 mm
(in-wall installation)

SIMPLY CLEAN™ MUD-IN EXTRUSIONS

GENLED Acolyte®'s Simply Clean™ series of recessed fixtures are designed to be harmonious with the physical space of a room. These extrusions can be installed into any size new or existing drywall/gypsum walls and ceilings. Wattages range from 1.5 W/ft to 12 W/ft (4.9 W/m to 39.4 W/m) and is available in static white, static colors, Variable White, RGB, RGBW, RGBA, and Warm Dim. The internal LEDs can be installed with waterproof coating, making them resistant to moisture, however these fixtures are not intended for outdoor use.

CE ETL RoHS IP20

SC1 SC3 SC Corner 1
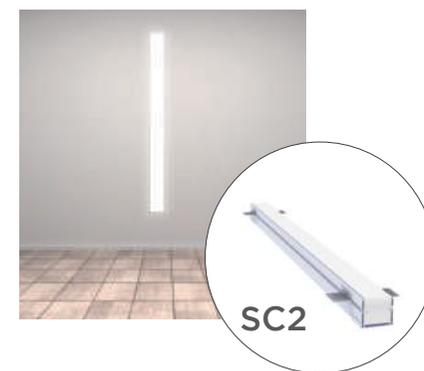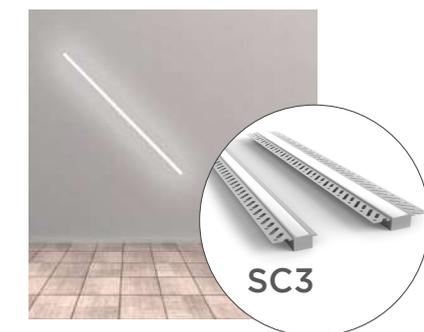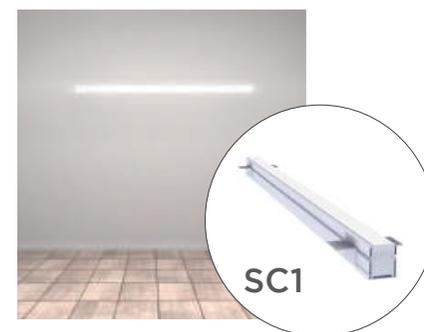
EASY MUD-IN INSTALLATION
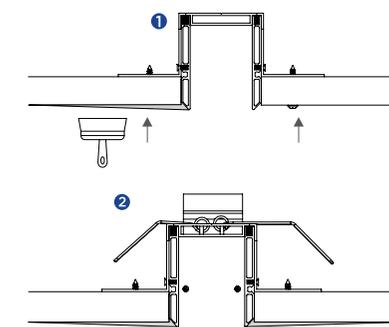
SC2 SC Corner 2

LINEAR LYTE

GENLED Acolyte®'s pendant fixtures are light and efficient, and can mount to drop ceilings, concrete or drywall/gypsum. Available in multiple styles and lengths, our Linear Lyte Fixtures can be powder coated to match any color in your designs.

- Sold in 2-8 ft in 1 foot increments
- PS2, PS3, PR2, and PR3 can be connected to make longer fixtures (each fixture section requires its own power supply)
- UV resistant lens
- PR2, PR3 and PS3 available with 120-277V AC Input

- 0 - 10 V or DALI dimmable
- Standard powder coating available in Black, White, Silver, and Bronze (Custom finishes available upon request)
- PR3 and PS3 fixtures are direct/indirect

2700K   3000K   3500K   4000K   5000K

ETL   RoHS   IP20

PC1

Low, Standard, High Output Options
W/H: 1.57 x 1.57 in (39.8 x 39.8 mm)

PC2

Low, Standard, High Output Options
W/H: 2.4 x 2.4 in (61 x 61 mm)

PC3

Low, Standard, High Output Options
W/H: 4.76 x 4.76 in (120.9 x 120.9 mm)

PS1

Low, Standard, High Output Options
W/H: 1.38 x 1.38 in (35.1 x 35.1 mm)

PS2
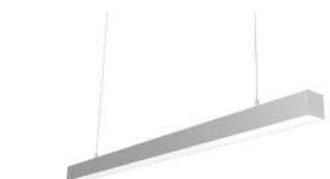
Low, Standard, High Output Options
W/H: 1.98 x 1.98 in (50.3 x 50.3 mm)

PS3

Low, Standard, High Output Options
W/H: 2.95 x 3.85 in (75 x 98 mm)

PR1

Low, Standard, High Output Options
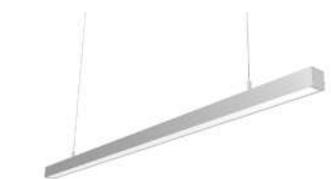W/H: 0.77 x 1.59 in (19.6 x 40.4 mm)

PR2

Low, Standard, High Output Options
W/H: 1.65 x 2.55 in (42 x 65 mm)

PR3

Low, Standard, High Output Options
W/H: 1.65 x 4.72 in (42 x 120 mm)

Conference Room | Synthesis LED Linear

▶ **GEOLYTE**

GENLED Acolyte®'s GeoLyte fixtures are a great decorative companion to our linear LED products. They are available in a variety of shapes, sizes, and combinations to create 12 different style configurations. Also available in uplight only versions.

3000K 4000K 5000K   CE   RoHS   IP20
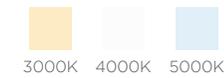
GEOLYTE CIRCLE (above)

• Single, double and triple ring fixtures
• Sizes range from 11.8" (300 mm) diameter up to 47.2" (1.2 m)
• Black, Silver, White and Bronze surface finishes
• Up to 10,550 lumens
• Color temperatures: 3000K, 4000K, 5000K

GEOLYTE SQUARE (below)

• Single, double and triple square fixtures
• Sizes range from 12" (305 mm) diameter up to 48" (1.22 m)
• Black, Silver, White and Bronze surface finishes
• Up to 10,050 lumens
• Color temperatures: 3000K, 4000K, 5000K

▶ **SYNTHESIS LINEAR PENDANT**

Commercial | Entertainment | Healthcare | Hospitality | Museums | Public Spaces | Retail

Synthesis Linear is a sleek suspended fixture with direct/indirect lighting capability. Use it for up/down lighting or just downlight. The minimal design packs countless output configurations, 9 beam angle options and a selection of elegant finishes that will complement any space.

• Direct/Indirect Lighting
• Rounded and Square Housings available
• Black, Silver, Gold and White finishes
• Glare-reducing Louver

• Beam Angles:
  Downlight: 15°, 26°, 40°
  Uplight: 120°, 75°, 90x113°, 92x33°, 10° and Narrow Asymmetric
• Color Temperatures: 2700K, 3000K, 3500K, 4000K, 5000K, 6500K

SQUARE
Low, Standard, High Options
W/H: 2.13 x 2.05 in (54 x 52 mm)

ROUND
Low, Standard, High Options
W/H: 1.97 x 1.97 in (50 x 50 mm)

ETL US   IP20

Commercial | Entertainment | Healthcare | Hospitality
Museums | Public Spaces | Retail

COLOR CHANGING PANEL LYTE

- Sizes: 1x4 ft (303 x 1213 mm),
  2x2 ft (603 x 603 mm, 2x4 (603 x 1213 mm)
- Available Colors: RGB, RGBW, RGBA,
  Variable White (consult factory for custom colors)
- Ultra-thin profile fits standard dropped ceilings

- Seamless joint coverage eliminates light leaks
- Includes mounted 100-277V AC driver
- Minimum order quantities apply

RGB   RGBW   RGBA   VW
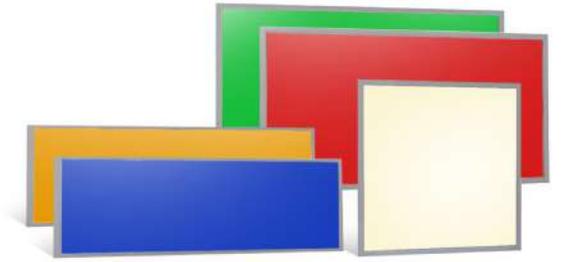
RoHS   UL   IP20

COLOR PANEL LYTE*

Panel Lyte, a high-brightness LED fixture that can hang or fit in most standard dropped ceilings, is an excellent replacement for fluorescent troffers. Offering even illumination over a complete surface, Panel Lyte has a built in driver, 0-10 volt dimming and is available in multiple sizes and color temperatures. At less then 1/2" deep with a PMMA acrylic and white metal frame, Panel Lyte is a powerhouse in general and commercial lighting.

- Sizes: Sizes: 1x4 ft (303 x 1213 mm),
  2x2 ft (603 x 603 mm, 2x4 (603 x 1213 mm)
- Available Colors: Red, Orange, Green, Blue,
  Amber, Violet
- Ultra-thin profile fits standard dropped ceilings
- Seamless joint coverage eliminates light leaks at corners
- Includes mounted 100-277V AC driver
- Minimum order quantities apply

Consult factory for MOQ

Red   Green   Blue   Orange   Amber   Violet

RoHS   UL   IP20

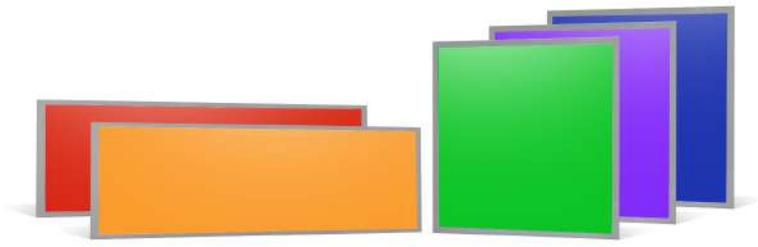**Texas Military Institute Cafe | TMI, San Antonio, Texas, USA | RGBW Panel Lyte**
Lighting Designer: Hendue Vidal
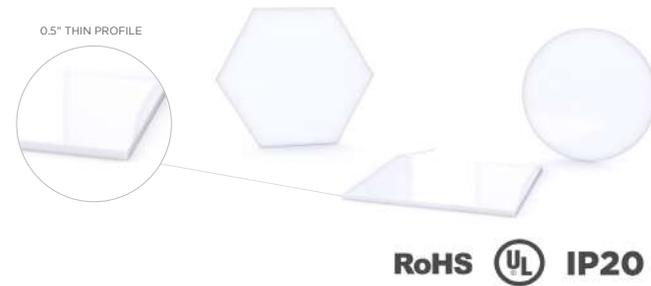
GENLED ACOLYTE®
Architectural Lighting Solutions

Commercial | Entertainment | Healthcare | Hospitality
Museums | Public Spaces | Residential | Retail

BACKLYTE

Perfect for backlighting advertisements or translucent panels like onyx, stone and resin panels, our customizable BackLytes can be cut into virtually any shape. They're lightweight with even light spread and fully customizable. We cut your shape on CNC-controlled machinery, then embed our LEDs directly into the perimeter of the panel and laminate it with a prismatic reflector, providing even surface light no matter the size.

- Manufactured to custom geometric shapes and sizes
- Static White, Static Color and Variable White models are constant current
- RGB models are 24V constant voltage and can be used with any of our 24V electronic drivers (including Lutron Hi-Lume models) plus DMX control

- Thin profile: 0.42 in (10.7 mm)
- Lightweight
- Lead time varies depending on size

0.5" THIN PROFILE

2400K	2700K	3000K	3500K	4100K
6000K	Variable White	RGB	RGB + White	RGB + Amber
Red	Green	Blue	Amber	Violet

RoHS UL IP20

FLEXIBLE BACKLYTE

Perfect for back lighting advertisements or translucent panels like onyx, stone and resin panels, our Flexible BackLytes can be bent and cut into virtually any shape. They're lightweight with even light spread and fully customizable.

- 24V DC input
- Thin profile
- Light-weight
- 0-10V, MLV, ELV, and Traic dimmable

- UV Protection
- Available in 12"x12" (300x300 mm) and 18"x18" (450x450 mm), can be cut into any shape
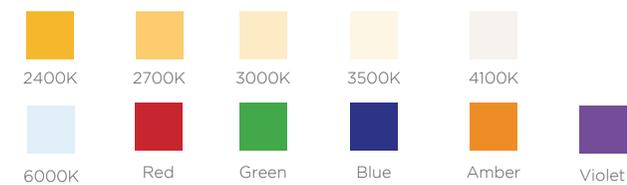
2400K	2700K	3000K	3500K	4100K
6000K	Red	Green	Blue	Amber	Violet

RoHS UL IP20

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Architectural Lighting Solutions

RIGID AC

Ideal for cabinets and coves to create a seamless glow with no points of light in view, 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 as new installs 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, 58 inches, and 3 color temperatures 2900K, 4100K and 6200K.
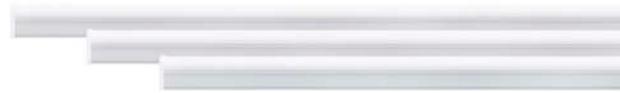
• 9" (228.6 mm) / 89.3 lm/W
  13.5" (342.9 mm) / 92 lm/W
  22.63" (574.8 mm) / 94.4 lm/W
  34.5" (876.3 mm) / 92.9 lm/W
  46.3" (1176 mm) / 92.8 lm/W
  58" (1473.2 mm) / 90.9 lm/W

• 120V AC (dimmable with Forward-Phase Dimmer), 100-240 VAC (non-dimmable), and 277V AC (non-dimmable)
• 3W, 5W, 9W, 14W, 18W, 22W
• Snap fit connectors and 6" jumper cable included
• On/off switch on every fixture except 9"
• Color temperatures: 2700, 2900K, 3500K 4100K, 6200K

RoHS (UL) IP20

ATOM LINEAR FIXTURE

• Available Wattages: 6 W, 12 W, 24 W
• Available Color Temperature: 2700K, 3000K, 3500K, 4000K, 5000K, 6000K
• Available Beam Angles: 30°, 20°x35°
• 80+ CRI
• Available Lengths: 11.81" (300 mm), 23.62" (600 mm), 47.24 (1200 mm)
• Available Dimming Options: 0-10V, DALI, Triac

CE ETL IP40

NEONLYTE

Like neon, but better! Bendable, flexible, waterproof and available in nearly any color. Designed to brave the elements, the IP67 product is UV-resistant and built to be used in facade lighting and lettering. Available in static white color temperatures ranging from 2400K – 6000K, RGB and RGBW/A.

• FLEX Channel bends in any direction
• 3.0 W/ft (9.8 W/m), 4.4 W/ft (14.4 W/m), 5.5 W/ft (18 W/m)
• Smooth, continuous light surface
• Perfect for direct view applications

• ELV, MLV, 0-10 V, DMX dimmable
• Waterproof
• Use as a linear fixture or for curved runs
• 3 power input options: side, bottom, & end
• GE 10 year UV resistant silicone

2400K	2700K	3000K	3500K
4250K	RGB	RGB + White	RGB + Amber
Red	Green	Blue	Amber	Violet

RoHS ETL IP67

B1 BENDABLE CHANNEL FIXTURE

B1 Bendable Channel is a slim, bendable channel that is ideal for coves and toe kicks that require challenging curves or bends as well as any imaginative custom lighting shape you can think of. This thin, aluminum profile allows you to bend or curve the channel into your desired shape and it will stay in that exact shape.

• Pair with our RibbonLyte to create a custom bendable fixture
• Surface Mounted Aluminum Extrusion
• Powder coating available: Color Match or RAL#
• UV-resistant lens
• Beam Angle: 120˚

| 2400K | 2700K | 3000K | 3500K | 4000K | 6000K | | |
| Red | Green | Blue | Amber | Violet | RGB | RGB + White | RGB + Amber |

RoHS ETL IP20 IP65

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South Point Plaza | Long Island, NY, USA
RGBW Mini Linear Wall Washer
Lighting Designer: **GEN**LED Acolyte®

ARMOR SERIES

ARMOR SERIES

Commercial | Entertainment | Hospitality | Museums | Public Spaces | Residential | Retail

The Armor Series features our proprietary Gel-Flush™ Technology, an innovation that provides impenetrability to breaches from any elements in the weather and atmosphere! This technology is used in our complete exterior line for premium quality. It is applied on final assembly, in which transparent potting silicone gets pushed through the fixtures, then lens covers are installed, followed by a 24-hour curing period. Guaranteed to never leak, condensate, or be penetrated by the environment. Clear and unobstructed light, guaranteed. No more water beads changing and refracting the specified beam angles, thus creating a truly robust waterproof fixture!

NANO, MINI, RGBW MINI: **NODES:**

CE cETLus **IP66**   CE **RoHS** **IP67**
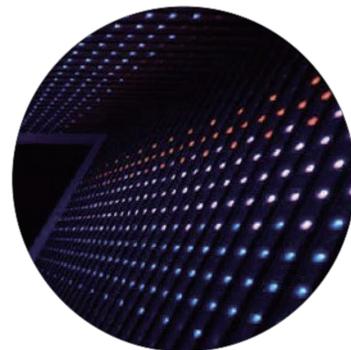
A. NANO LINEAR

- 3W - 7.2" (182 mm)
  9W - 19.7" (500 mm)
  18W - 39.4" (1000 mm)
- 352-359 lm/ft (1148-1344.8 lm/m)
- 30°, 55°, 25x35°
- 2700K, 3000K, 3500K 4000K,
  5000K, 6000K
- IP66, IK 08

C. RGBW MINI

- 14W - 12.3" (313 mm)
  24W - 19.7" (500 mm)
  30W - 23.8" (605 mm)
  48W - 39.4" (1000 mm)
  60W - 47.2" (1190 mm)
- 621.8-735.3 lm/ft (2039.5-2411.8 lm/m)
- 15°, 25°, 35°
- RGB + 6500K
- IP66, IK 08

B. MINI LINEAR

- **US Version**:
  6W - 8.46" (215 mm)
  12W - 16.1" (410 mm)
  18W - 23.8" (605 mm)
  36W - 46.9" (1190 mm)
  585-752 lm/ft (1968-2460 lm/m)

- **International Version**:
  5W - 7.28" (185 mm)
  15W - 19.7" (500 mm)
  30W - 39.37" (1000 mm)
  900.12 lm/ft (2952.4 lm/m)

- 15°, 20°, 35°, 50°, 10x40°
- 2700K, 3000K, 3500K 4000K,
  5000K, 6000K
- IP66, IK 08

D. DOME NODE

- **2.5W**: Red, Green, Blue, RGB, RGBW3000K,
  RGBW6000K, 2700K, 3000K, 3500K,
  4000K, 5000K, 6000K
  5W: RGB
- 120°
- IP67

E. FLAT NODE

- **1.5W**: Red, Green, Blue, RGB, RGBW3000K,
  RGBW6000K, 2700K, 3000K, 3500K,
  4000K, 5000K, 6000K
  2.5W: RGB
- 120°
- IP67

A.

B.

C.

D.

E.

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UNION SQUARE SAVINGS BANK

CONTROLLERS*

A.   0-10 VOLT DIMMING

Our 0-10 V controllers and dimmers allow you to dim your LEDs smoothly and flicker-free.

B.   LINE VOLTAGE DIMMING

Choose from a selection of wall dimmers to easily turn the lights on and off with a paddle switch. Use the sleek slide control to adjust lights to your perfect level.

C.   LUTRON CONTROLS

Experience the benefits of true full-range 100% to 0.1% dimming. Designed to meet the most demanding lighting requirements, Lutron controllers help provide the ideal lighting environment for any application.

D.   DMX

We offer a variety of DMX control interfaces, decoders, and splitters to give you total control over your LED-lit environments.

A.

B.

C.

D.

*(*see spec sheets for certifications)*

DRIVERS*

A.   0-10 VOLT DIMMING ELECTRONIC DRIVERS

The 0-10V dimming on DRVW2496-10 delivers smooth flicker-free linear dimming down to 1% with most LEDs and a wide variety of compatible dimmers.

B.   UNIVERSAL ELECTRONIC LINE VOLTAGE DIMMABLE DRIVERS

Power your LED system with our high efficiency 24 V Class 2 and High Wattage Drivers that output constant voltage.

C.   LUTRON HI-LUME DRIVERS

Our LED systems are fully-integrated with UL Listed Lutron Hi Lume control systems.

D.   MAGNETIC DIMMING DRIVERS

Our 24 V Class 2 Magnetic Driver powers your LED system seamlessly, and it also can be easily retrofitted into older or existing wiring structures.

E.   COMPACT DRIVERS

Our 60W/96W Compact Drivers showcase weight reduction and decreased driver size, which play a role in producing slick and slim fixtures by completely hiding the driver. By utilizing very small drivers, the the large space within the body of the fixture can be totally eliminated or reduced in size.

F.   NON-DIMMING ELECTRONIC DRIVERS

Power your LED system with our high efficiency electronic drivers that output constant voltage.

A.

B.

C.

D.

E.

F.

*(*see spec sheets for certifications)*

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Cover: The Art Hotel | Denver, CO, USA
4.4 Static White Classic & 2.2 RGB RibbonLyte

REV 25JUN2019