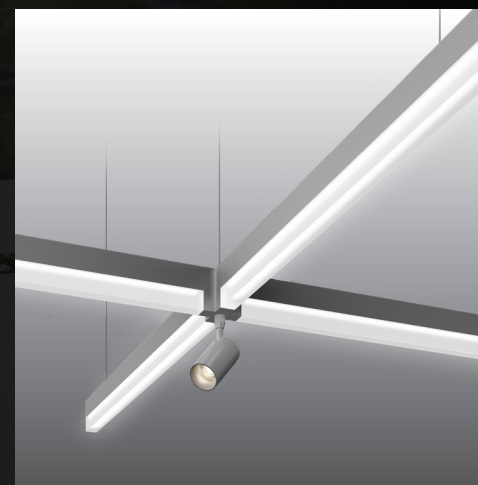# GlowSTX™

Suspended Linear LED System

One system.
# Endless possibilities.

GlowSTX™

SURFACE & SUSPENDED

LF Illumination announces GlowSTX. An all new suspended or surface mounted LED lighting system with an arsenal of design features. GlowSTX is comprised of a miniature aluminum housing with a smooth satin white extruded acrylic lens. In cross section, GlowSTX is only 3/4" wide by 2 1/4" tall and up to 8' long in length or 60" in diameter. The linear sections can be connected together to form any kind of configuration or layout imaginable. The LED channel boasts 5W / 400lm per foot. **GlowSTX** includes a family of linear lighting elements and connectors that can be attached to form an endless array of configurations. Connectors are adjustable to enable anything from a slight bend in angle up to a 60° return. An optional adjustable LED accent module may be plugged in to any of the linear connectors for added design versatility.
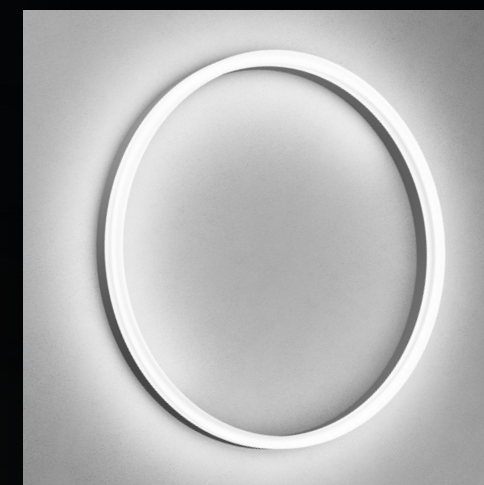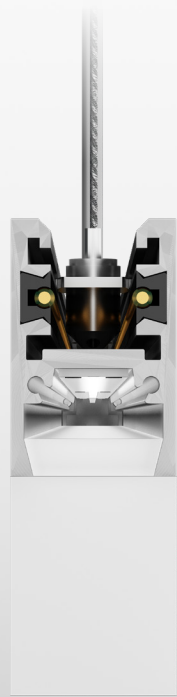
SUSPENDED LINEAR

SUSPENDED ROUND
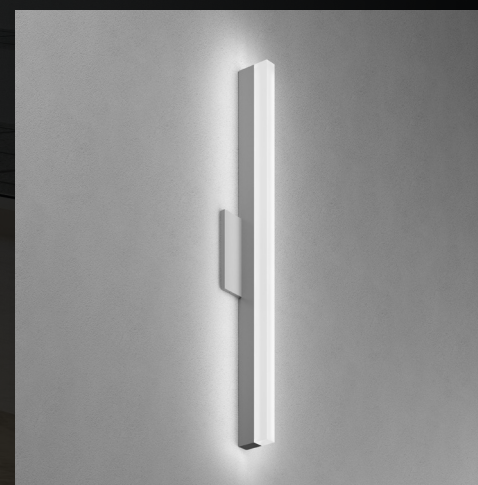
SURFACE LINEAR

SURFACE ROUND

Aluminum Channel Acrylic Lens

GlowSTX is comprised of a miniature housing with a smooth satin white extruded acrylic lens. The GlowSTX linear module is ruggedly built with an extruded aluminum channel in silver, black, or white finishes. The internal linear LED strip boasts 5W / 400lm per foot.

Integral or Remote Power Enclosures

GlowSTX Linear Suspended products offer a wide selection of power and suspension options. From our recessed trimless minipoint (pictured above) to or surface mounted canopy with integral power. See pages 10 - 11 for complete details.
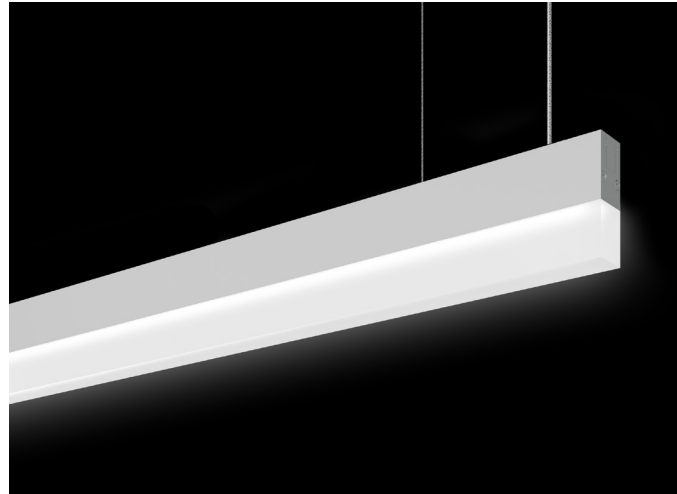
More than just a connector

Patent Pending multi-path multiplex circuitry allows continuous runs for mechanical or aesthetic reasons while maintaining independent circuit paths as required for proper electrical engineering.
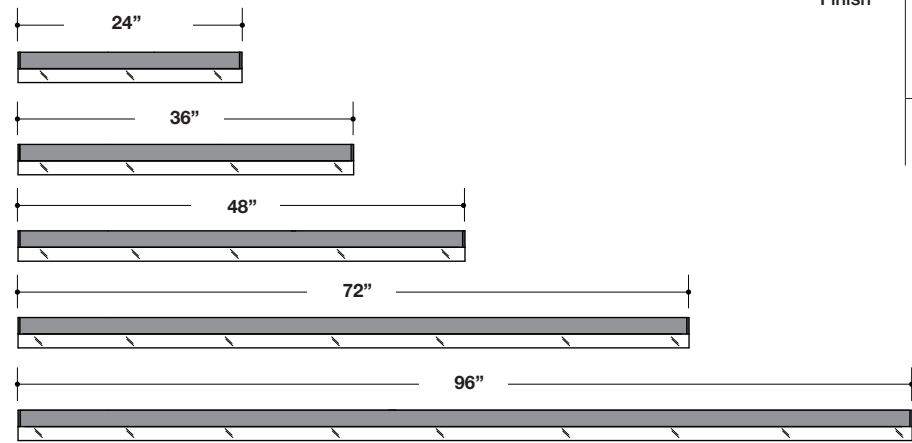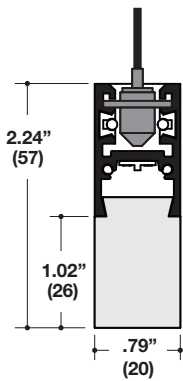
Direct / Indirect

GlowSTX offers an optional indirect lighting feature which provides added uplight to increase the overall light output and enhance the ambiance of the application. See page 8-9 for details.

GlowSTX Channel

Series	GSA	GlowSTX linear lighting channel
Wattage	05L	05W LED 400 lm / ft nom.
CRI Color	9027	90CRI / 2700K*
	9030	90CRI / 3000K
	9035	90CRI / 3500K*
	9040	90CRI / 4000K*
		Made to order, longer lead time.
Lens	LN	Satin white lens
Length	024	24" 2ft
	036	36" 3ft
	048	48" 4ft
	072	72" 6ft
	096	96" 8ft
Finish	SS	Silver
	WW	White*
	BB	Black*
		Made to order, longer lead time.

Example # GSA-05L-9030-LN-024-SS

24"

36"

48"

72"

96"

(Nominal lengths)

2.24" (57)

1.02" (26)

.79" (20)

SUSP-C

Support from any adjustable connector

SUSP-M

Support from anywhere along the channel

Standard 15/16" T-Grid Adapter to be used in combination with SUSP-C and SUSP-M supports. Order # GSA-SUSP-T-SS

- Die formed linear LED housing
- Suspended linear lighting system
- Small size - 3/4" wide x 2-1/4" tall
- 2, 3, 4, 6, & 8 foot lengths
- Smooth satin white extruded acrylic lens
- Power up to 18' from a single driver
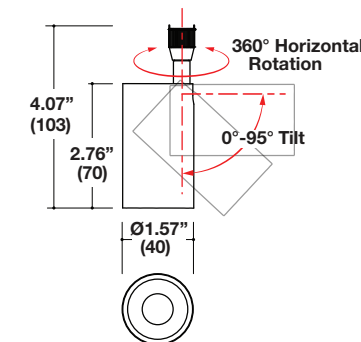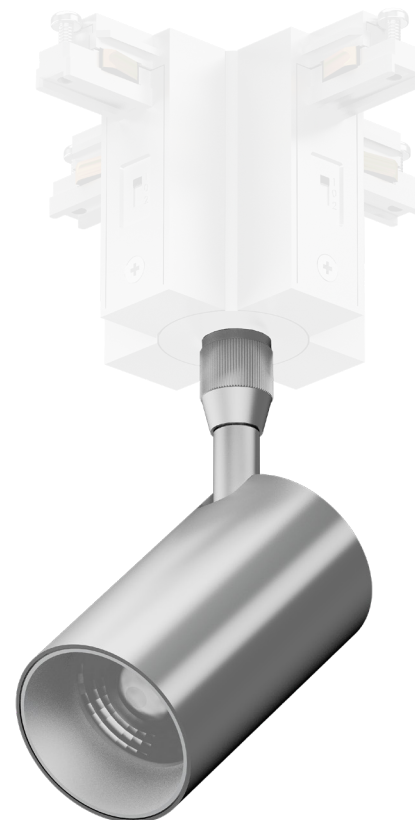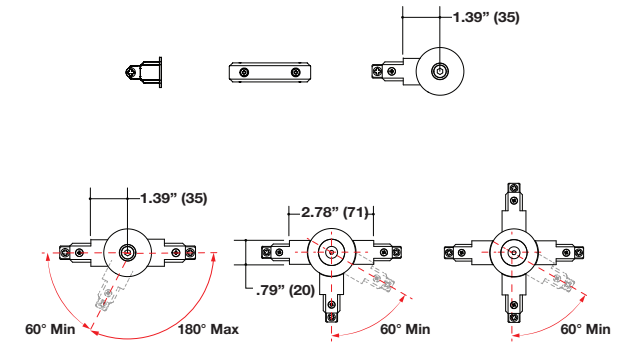- Connect power anywhere along the fixture
- Supports can be connected to the nodes or anywhere along the fixture
- Silver, white or black finish

c(UL)us
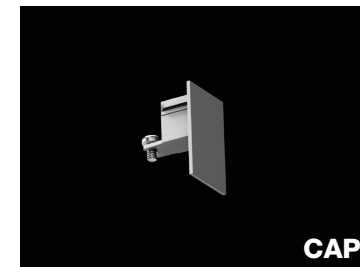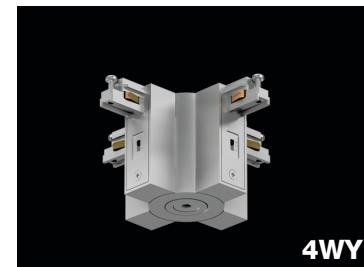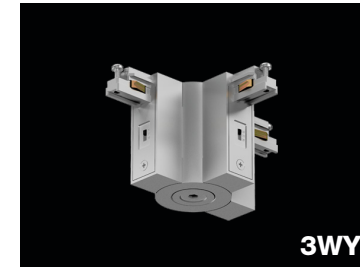
GlowSTX Components

STR

END

2WY

3WY

4WY

CAP

Series	GSA	GlowSTX mini connectors
Type	STR	Fixed straight connector
	END	End 1 way connector
	2WY	Adjustable 2 way connector
	3WY	Adjustable 3 way connector
	4WY	Adjustable 4 way connector
	CAP	Dead End Cap
Finish	SS	Silver
	WW	White*
	BB	Black*
		Made to order, longer lead time.

Example # GSA-3WY-SS

1.39" (35)

1.39" (35)

2.78" (71)

.79" (20)

60° Min — 180° Max   60° Min   60° Min

GlowSTX Accent Spot Light

Series	GSA01A	Aluminum accent light
Wattage	07C	7W LED 500 lm
CRI Color	9227	92CRI / 2700K*
	9230	92CRI / 3000K
	9235	92CRI / 3500K*
	9240	92CRI / 4000K*
		Made to order, longer lead time.
Beam	N	Narrow 15°
	M	Medium 24°
	W	Wide 38°
Finish	SS	Silver
	WW	White*
	BB	Black*
		Made to order, longer lead time.

Example # GSA01A-07C-9230-M-SS

360° Horizontal Rotation

4.07" (103)

2.76" (70)

0°-95° Tilt

Ø1.57" (40)
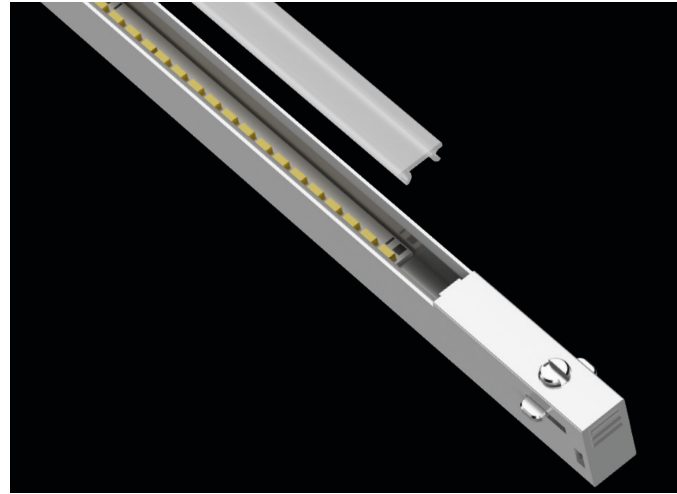
GlowSTX Indirect Module

Series	**GSA-UP**	GlowSTX indirect module
Wattage	**06L**	6W LED 247lm
	11L	11W LED 497lm
CRI Color	**9027**	90CRI / 2700K*
	9030	90CRI / 3000K
	9035	90CRI / 3500K*
	9040	90CRI / 4000K*
		* Made to order, longer lead time.
Lens	**LN**	Satin white lens
Finish	**SS**	Silver

Example # GSA-UP-06L-9030-LN-SS

15.70" 06L

27.50" 11L

0.37" (9) Acrylic Diffuser
0.62" (16) LED Strip
Extruded Housing
GlowSTX Linear Housing

Sample Layouts

23.62 (600) GSA-05L-9030-LN-024-SS – GlowSTX Fixture
15.70 (399) GSA-UP-06L-9030-LN-SS – Indirect Module

35.43 (900) GSA-05L9030-LN-036-SS – GlowSTX Fixture
27.50 (699) GSA-UP-11L-9030-LN-SS – Indirect Module

47.24 (1200) GSA-05L9030-LN-048-SS – GlowSTX Fixture
15.70 (399) 15.70 (399) GSA-UP-06L-9030-LN-SS – Indirect Module X 2

70.87 (1800) GSA-05L9030-LN-072-SS – GlowSTX Fixture
27.50 (699) 27.50 (699) GSA-UP-11L-9030-LN-SS – Indirect Module X 2

94.48 (2400) GSA-05L9030-LN-096-SS – GlowSTX Fixture
27.50 (699) 27.50 (699) 27.50 (699) GSA-UP-11L-9030-LN-SS – Indirect Module X 3

- .37" (9) wide x .62" (16) up-light LED accent
- Die-cast, extruded and injection molded components
- Powder coat finish
- Dense pitch for uniform output
- Smooth satin white extruded acrylic lens
- Integral wiring
- Integral thermal protection
- Sits into GSA upper channel
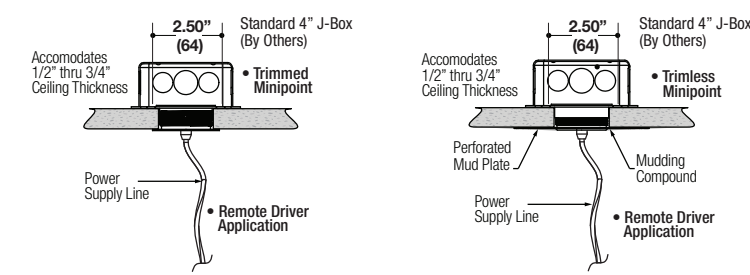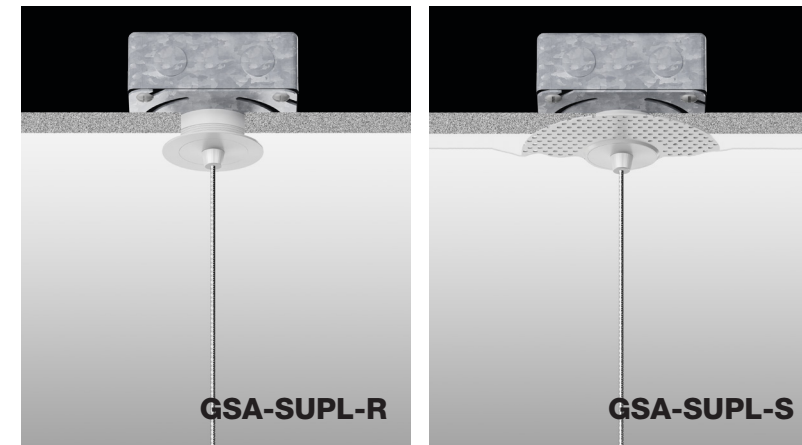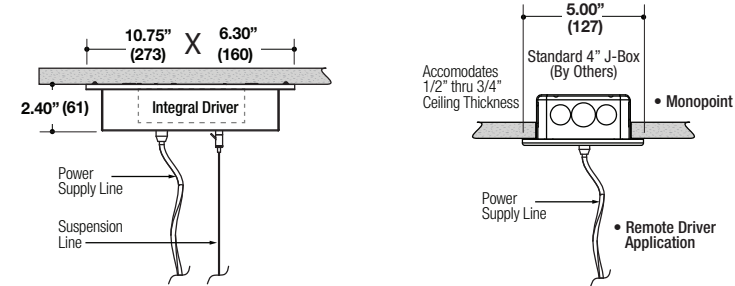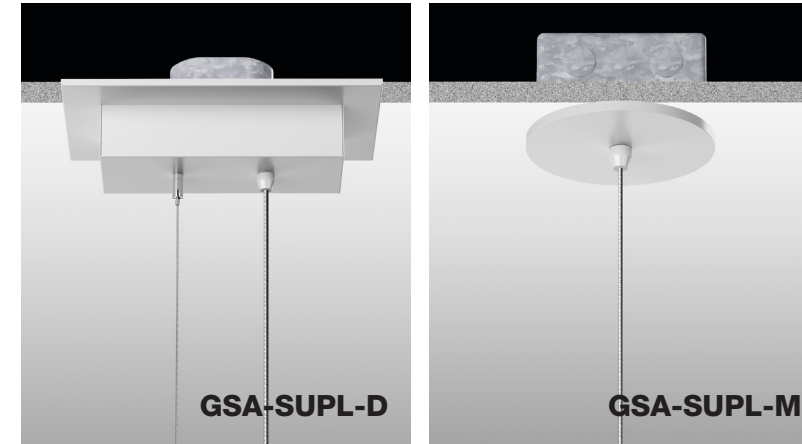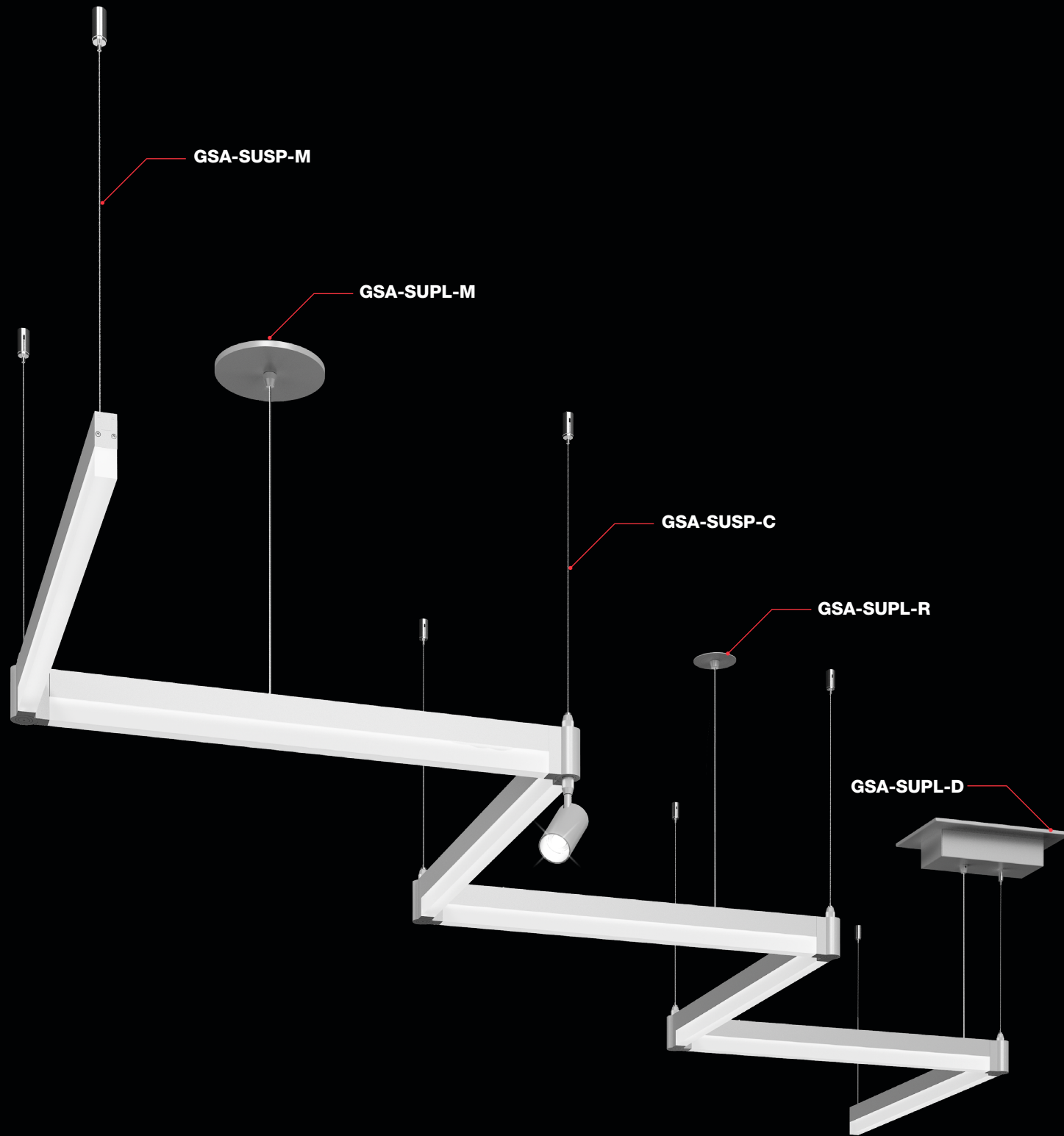- Suitable for damp location
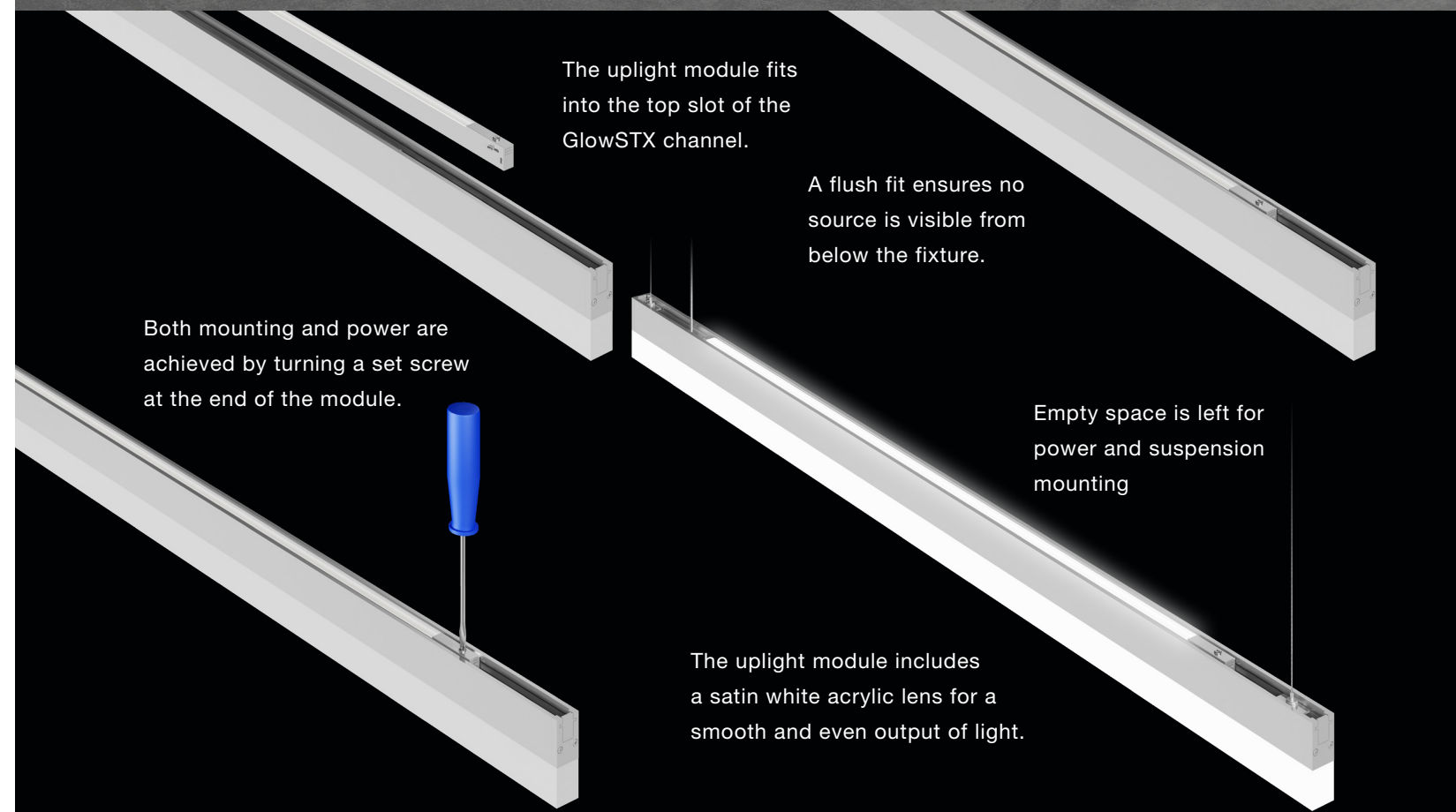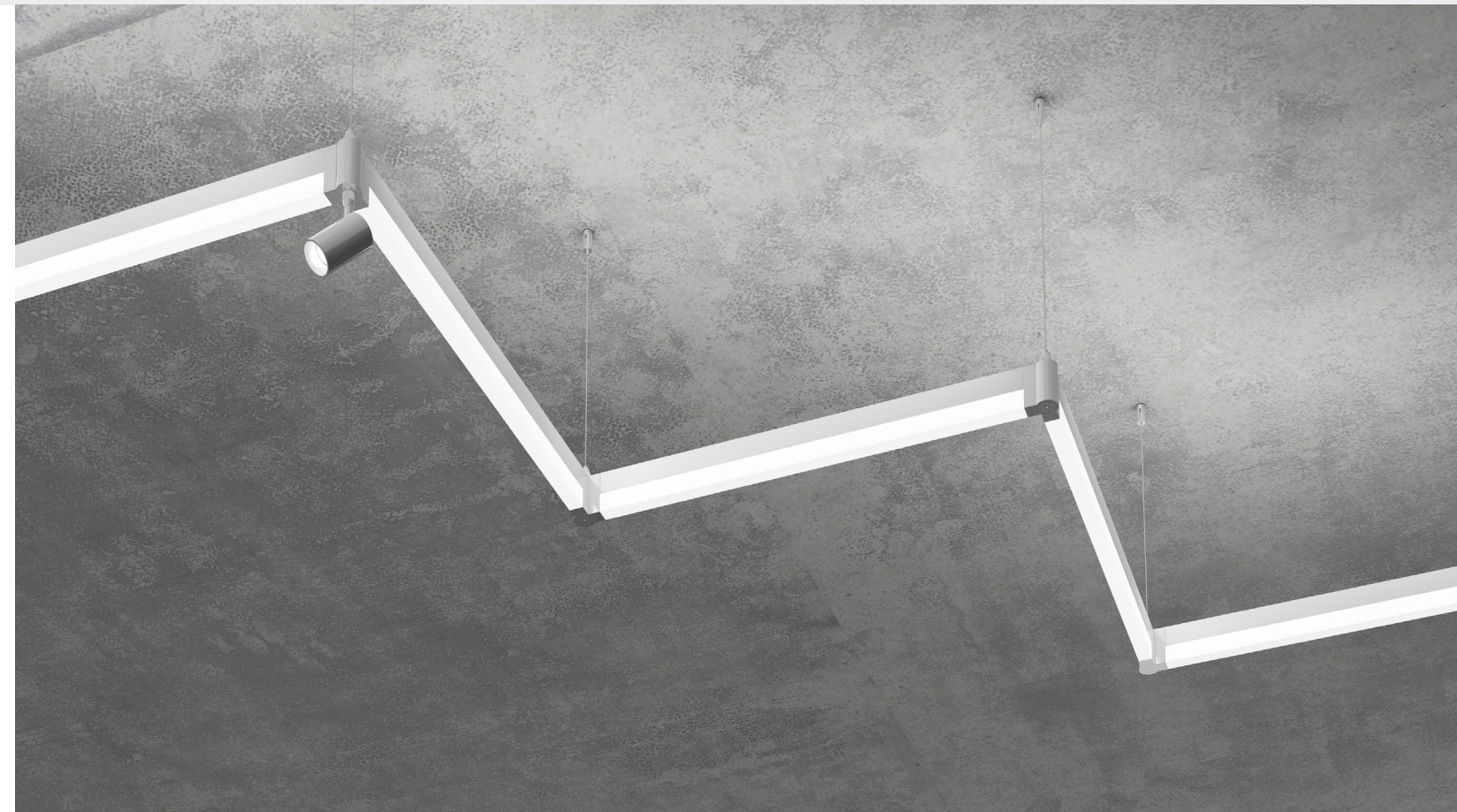
The uplight module fits into the top slot of the GlowSTX channel.

A flush fit ensures no source is visible from below the fixture.

Both mounting and power are achieved by turning a set screw at the end of the module.

Empty space is left for power and suspension mounting

The uplight module includes a satin white acrylic lens for a smooth and even output of light.

GSA-SUSP-M

GSA-SUPL-M

GSA-SUSP-C

GSA-SUPL-R

GSA-SUPL-D

- "S" Minipoint
- "R" Minipoint
- "M" Monopoint

GSA-SUPL-D

GSA-SUPL-M

X

Power Supply Line →

Suspension Line →

Power Supply Line

GlowSTX

Series	GSA	GlowSTX power supply
	SUPL	Power Supply
Type	D	Integral driver canopy
	S	Trimless minipoint*
	R	Trimmed minipoint*
	M	Monopoint*
		* Remote driver ordered separately
Length	096	8' ft
Power Supply	D2U	0-10V Dimmable Universal Input Voltage
Finish	SS	Silver
	WW	White
	BB	Black

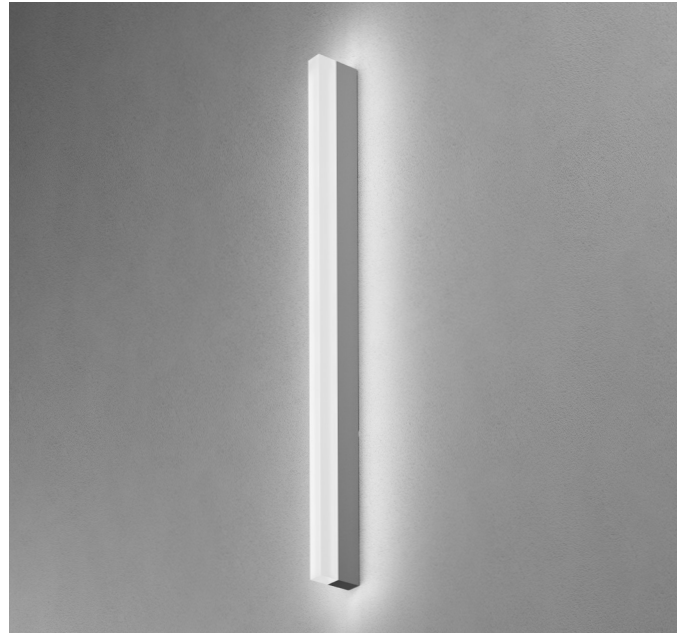**Example # GSA-SUPL-S-096-D2U-SS**

Remote Driver

Cat #	GSA-100WDRVR-D2U	EFORE 24V CV LED Driver 0-10V Dimmable (120-277V Only)

12.48" (317)

1.60" (41)

1.60" (41)
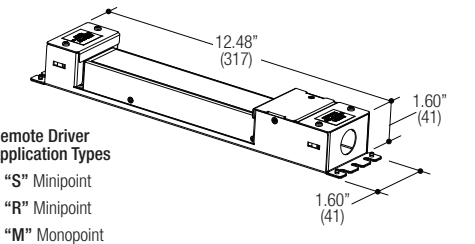
Remote Driver Application Types
- "S" Minipoint
- "R" Minipoint
- "M" Monopoint

GSA-SUPL-R

GSA-SUPL-S

2.50" (64)

Power Supply Line →

→

GlowSTX Surface Linear

Series	GSSL	GlowSTX Surface Linear
Length / Wattage	11L 16L 22L	24" L 11W LED / 702lm (@ 90CRI min / 3000K) 36" L 28W LED / 1053lm (@ 90CRI min / 3000K) 48" L 32W LED / 1404lm (@ 90CRI min / 3000K)
CRI Color	9030	90CRI / 3000K Other color temperatures available with special orders. Made to order, longer lead time.
Power	DMU	Dimming Multiple Forward/Reverse Phase (@ 120V only) 0-10V Wires Present (@ 120-277V)
Finish	SS WW BB	Silver White* Black* * Made to order, longer lead time.

Example # GSSL-16L-9030-DMU-SS

24"

36"

48"

2.24"
(57)

1.02"
(26)

.79"
(20)

Mounting Option 1
Integral or Remote Power

Mounting Option 2
Integral or Remote Power

Mounting Option 3
Remote Power

2.32"
(59)

4.92"
(125)

4.13"
(105)

4.92"
(125)

Junction Box
Cover Plate
for 3.5" Single Gang
J-box

Junction Box
Cover Plate
for 4" Octagon
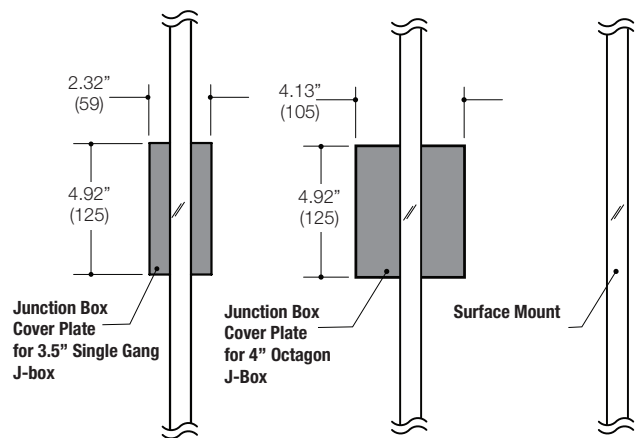**J-Box**

Surface Mount
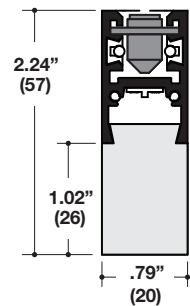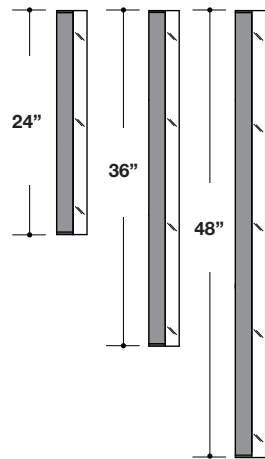
- Die formed linear LED housing
- Molded satin acrylic lens
- Powder coat finish
- LED strip linearly mounted
- Field accessible junction box wiring with driver enclosure
- Integral thermal protection
- Ceiling or wall mounting
- Integral or remote driver
- Suitable for damp location

Electrical Box or Surface Mounting

For integral power, GlowSTX Surface Linear may be configured to mount to either a single gang or octagon junction box. These options utilize a small rectangular wall plate. For remote power, GlowSTX Surface Linear may be directly mounted to a wall or ceiling surface with the use of our flush-mount adapters. This offers a cleaner aesthetic.
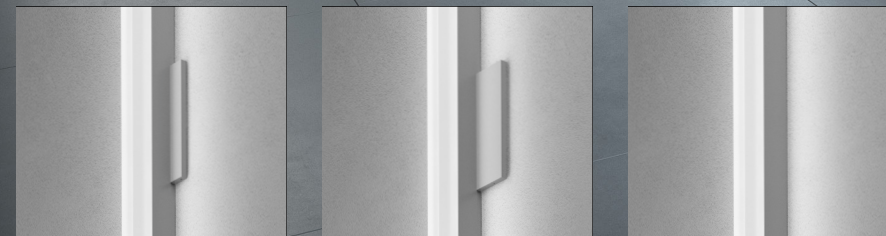
GlowSTX™

SURFACE &
SUSPENDED ROUND

We offer a circular pendant and surface mounted fixture that is available in multiple sizes and light outputs. It consists of a die-formed steel housing and a satin white acrylic diffuser with the same small cross-section as GlowSTX linear. The internal LED strip is circumferentially mounted and is available in multiple lumen packages depending on the size of the luminaire.
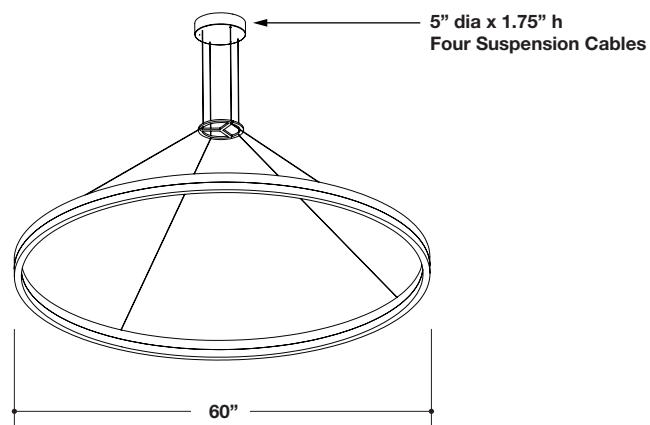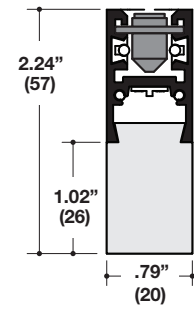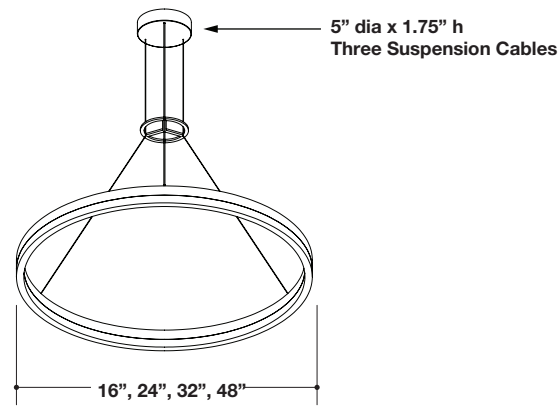

SUSPENDED ROUND

SURFACE ROUND

15

GlowSTX Suspended Round

Series	RINGER	GlowSTX Suspended Round
Size / Wattage	19L 28L 32L 47L 60L	16"Ø 19W LED / 1206lm (@ 90CRI min / 3000K) 24"Ø 28W LED / 1835lm (@ 90CRI min / 3000K) 32"Ø 32W LED / 2304lm (@ 90CRI min / 3000K) 48"Ø 47W LED / 2965lm (@ 90CRI min / 3000K) 60"Ø 60W LED / 3748lm (@ 90CRI min / 3000K)
CRI Color	9030	90CRI / 3000K Other color temperatures available with special orders. Made to order, longer lead time.
Power	DMU D2U	Dimming Multiple Forward/Reverse Phase (@ 120V only) 0-10V Wires Present (@ 120-277V) *Not available in 60L - 60" Ring 0-10V Dimming (@ 120-277V) 60L - 60" Ring Only
Finish	SS WW BB	Silver White* Black* * Made to order, longer lead time.

Example # RINGER-28L-9030-DMU-SS

5" dia x 1.75" h
Three Suspension Cables

16", 24", 32", 48"

5" dia x 1.75" h
Four Suspension Cables

60"

2.24"
(57)

1.02"
(26)

.79"
(20)

- Die formed circular steel LED housing

- Molded satin acrylic lens

- Spun steel canopy and driver enclosure

- Powder coat finish

- LED strip circumferentially mounted

- Field accessible junction box wiring with power supply enclosure, access from below

- Integral thermal protection
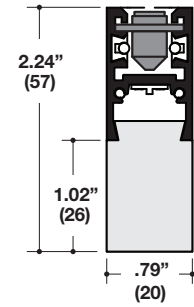
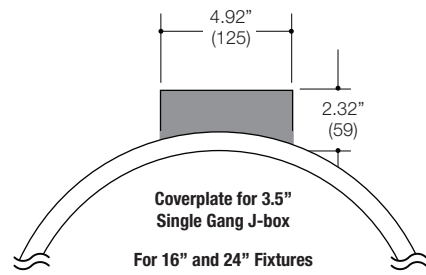- Aircraft cable suspension

- Suitable for damp location

c(UL)us

GlowSTX Surface Round

Series	GSSR	GlowSTX Surface Round
Size / Wattage	**19L**	16"Ø 19W LED / 1206lm (@ 90CRI min / 3000K)
	28L	24"Ø 28W LED / 1835lm (@ 90CRI min / 3000K)
	32L	32"Ø 32W LED / 2304lm (@ 90CRI min / 3000K)
	47L	48"Ø 47W LED / 2965lm (@ 90CRI min / 3000K)
	60L	60"Ø 60W LED / 3748lm (@ 90CRI min / 3000K)
CRI Color	**9030**	90CRI / 3000K Other color temperatures available with special orders. Made to order, longer lead time.
Power	**DMU**	Dimming Multiple Forward/Reverse Phase (@ 120V only) 0-10V Wires Present (@ 120-277V) *Not available in 60L - 60" Ring
	D2U	0-10V Dimming (@ 120-277V) 60L - 60" Ring Only
Finish	**SS**	Silver
	WW	White*
	BB	Black* * Made to order, longer lead time.

Example # GSSR-28L-9030-DMU-SS

Mounting Option 1
Integral or Remote Power
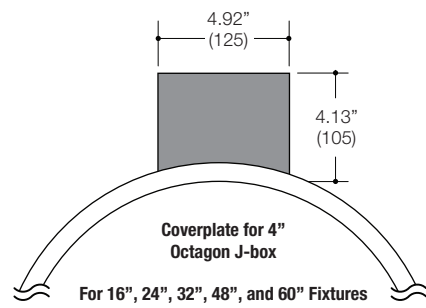
4.92"
(125)

2.32"
(59)

Coverplate for 3.5"
Single Gang J-box

For 16" and 24" Fixtures

Mounting Option 2
Integral or Remote Power

4.92"
(125)

4.13"
(105)

Coverplate for 4"
Octagon J-box

For 16", 24", 32", 48", and 60" Fixtures

Mounting Option 3
Remote Power

Surface
Mount

For 16", 24", 32", 48", and 60" Fixtures

2.24"
(57)

1.02"
(26)

.79"
(20)

- Die formed linear LED housing

- Molded satin acrylic lens

- Powder coat finish

- LED strip circumferentially mounted

- Field accessible junction box wiring with driver enclosure

- Integral thermal protection

- Ceiling or wall mounting

- Integral or remote Driver

- Suitable for damp location
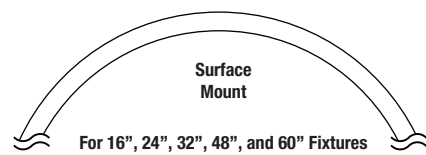
Electrical Box or Surface Mounting
For integral power, GlowSTX Surface Round may be configured to mount to either a single gang or octagon junction box. These options utilize a small rectangular wall plate. For remote power, GlowSTX Surface Round may be directly mounted to a wall or ceiling surface with the use of our flush-mount adapters. This offers a cleaner aesthetic.
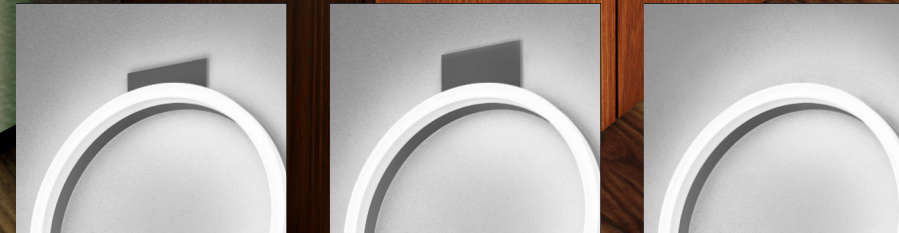
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