GEN LED acolyte® Architectural Lighting Solutions

Date | Project

Notes

SCROLL80S PENDANT FIXTURE

Fashion graceful custom side-illuminated fixtures with open curves or bold signature lighting pieces with the Scroll Pendant Series from Acolyte. Design fully closed shapes like simple circles and triangles or complex undulating ovals, squares and lines, all manufactured to your precise specification. If you can draw it, we can do it! The incredibly flexible Scroll Pendant Series also allows us to generate complementary custom luminaires in surface mounted fixtures.

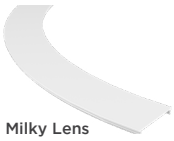
- Create side-illuminated pendant or surface mounted fixtures
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 71.8 lm/W, 1507.9 lm/ft (4945.9 lm/m)
- Minimum bending diameter: 27.6 in. (700 mm)
- Static White: 0-10V, ELV/MLV, and DALI dimming
- RGBW and Variable White: 0-10V VW dimming
- Compatible with DMX controls
- Standard silver finish
- Special order Black, White, Gold or custom RAL

HOUSING FINISHES

Silver Default finish
Black
White
Gold

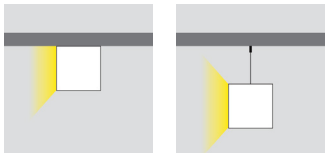
Note: Custom colors available upon request

LENS FINISH



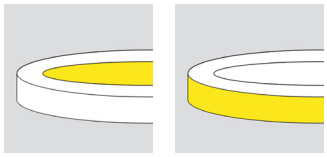
Milky Lens
74% Light Transmission

MOUNTING OPTIONS



Surface Mount | **Suspended Mount**

ILLUMINATION OPTIONS



Inward or Outward

AVAILABLE COLOR TEMPERATURES & COLORS

2700K | 3000K | 3500K | 4000K | RGBW | VW

UL CE **RoHS** **IP20**

ORDERING GUIDE

Fixture Length	**Illumination Direction**	**Output** (VW and RGBW in Standard Output only)	**Mounting Type**
SL80			
SL80 - Scroll80S Side Illuminated Fixture	**I** - Inward	**SO** - Standard Direct Only	**P** - Suspended Pendant
	O - Outward	**HO** - High Direct Only	**S** - Surface

Color Temperature and Colors		**Surface Finish**		**Run**
27 - 2700K	**40** - 4000K	**SV** - Silver	**GD** - Gold	**S** - Straight
30 - 3000K	**VW** - Variable White	**BK** - Black	**C** - Custom	**C** - Curved
35 - 3500K	**RGBW** - RGBW	**WH** - White		

QUOTING PROCESS

Scroll Pendants allow for complex custom designs. To quote for Scroll Pendants, Acolyte requires a detailed floor plan with scale. This lets us calculate proper angles and section lengths. Quotes will take 2-3 business days.

PRODUCTION PROCESS

After we receive a Purchase Order, our engineering team will provide a dimension drawing that shows the precise specifications of each pendant. Drawings may take up to three weeks. The client must review, approve and return a signed dimension drawing before production begins.

SPECIFICATIONS

Beam Angle	110°			
Lens Type	Milky Lens (PMMA)			
Length	Continuous lengths available. Lens max lengths are 19 ft 8 in. (6 m)			
Dimming	Static White: 0-10V, (DALI coming soon) RGBW and Variable White: 0-10V VW Driver, DMX			
Power	Standard Output 10 W/ft (32.8 W/m)	High Output 21 W/ft (68.9 W/m)	Standard Output 18.4 W/ft (60.4 W/m)	Standard Output 28.2 W/ft (92.5 W/m)
Voltage	Constant Current		24V Constant Voltage	
CCTs & Colors	2700K, 3000K, 3500K, 4000K		VW	RGBW
Efficacy	80.9 lm/W	71.8 lm/W	38.4 lm/W	23.7 lm/W
Lumens	808.9 lm/ft (2653.2 lm/m)	1507.9 lm/ft (4945.9 lm/m)	706.2 lm/ft (2316.3 lm/m)	668.2 lm/ft (2191.7 lm/m)
CRI	90+			
Certifications	UL, CE, RoHS			

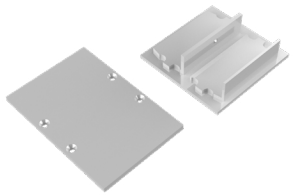
ACCESSORIES

Coupler

Part #: SLS80COUP

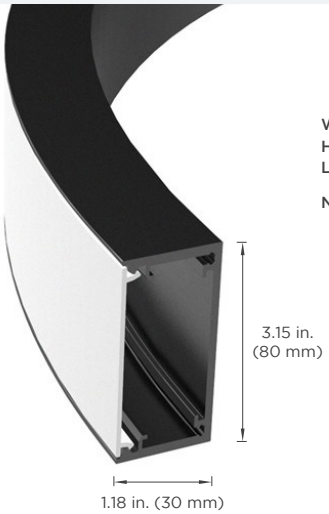
Suspended Mounting Kit (included accessory)

End Caps (included accessory)



DIMENSIONS

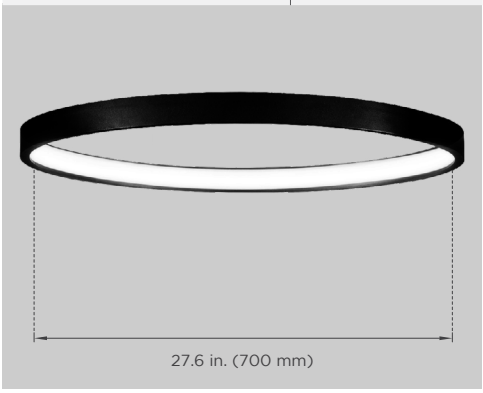
SCROLL80S



Width: 1.18 in. (30 mm)
Height: 3.15 in. (80 mm)
Length: Up to 19 ft 8 in. (6 m)

NOTE: 1. Max length for lens is 19 ft 8 in. (6 m)
2. Each section requires its own driver.

Minimum Bending Diameter	27.6 in. (700 mm)



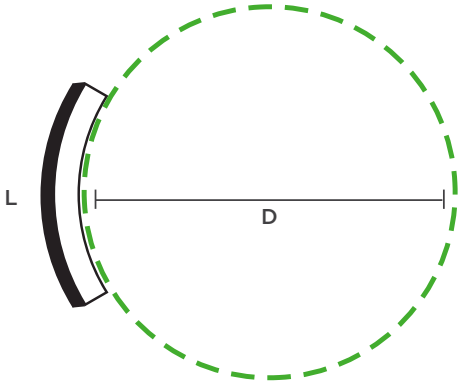
WARNING: DO NOT bend fixture past the listed minimum bending diameter. Defects caused by over-bending will result in a voided warranty.

UNDERSTANDING THE MINIMUM BENDING DIAMETER (MAXIMUM CURVATURE)

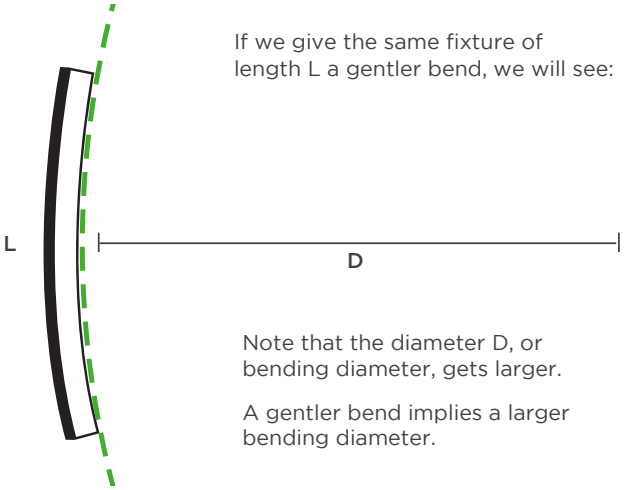
The bending diameter of a curve is the diameter of the circle that would exist if the curve were extended to form a circle.

For example, we have a fixture of length L:

Let's bend this fixture.
If we extend this curve to form a circle, we will see something like this:



The diameter D of that circle would be our curve's bending diameter.

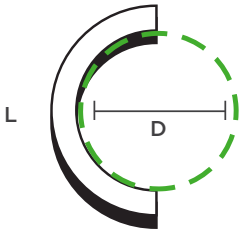


If we give the same fixture of length L a gentler bend, we will see:

Note that the diameter D, or bending diameter, gets larger.

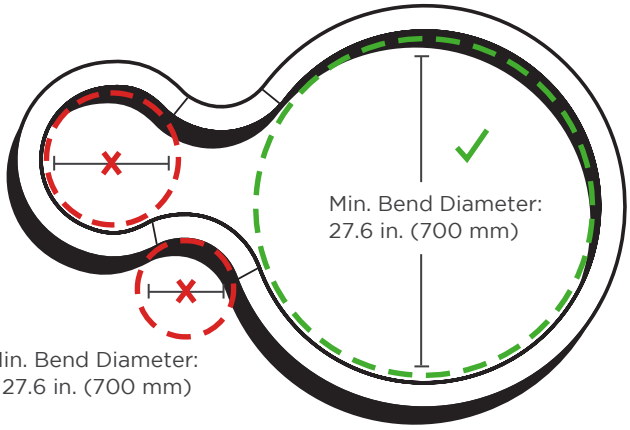
A gentler bend implies a larger bending diameter.

If we give the same fixture of length L a sharper bend, we will see:



The diameter D, or bending diameter, gets smaller.
A sharper bend implies a smaller bending diameter.

We define a fixture's minimum bending diameter because of this relationship; some of our fixtures are limited by the sharpness of the specified bend. A fixture's minimum bending diameter defines the sharpest curve it can make without jeopardizing the integrity of the LED performance.



Scroll80S Pendants have a minimum bending diameter of 27.6 in. (700 mm)

Minimum Bending Diameter = Maximum Curvature

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

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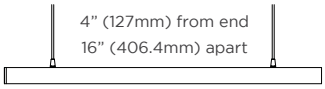
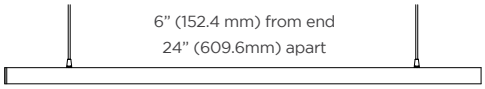
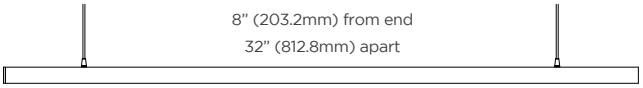


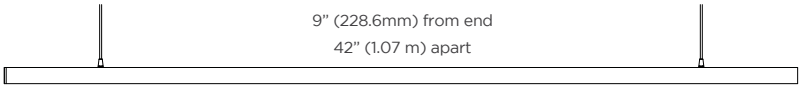
2-Foot Fixture (.6m)



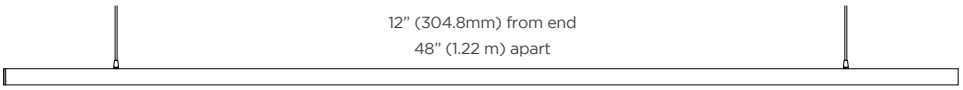
3-Foot Fixture (.9m)



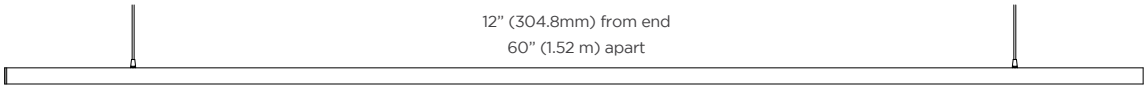
4-Foot Fixture (1.2m)



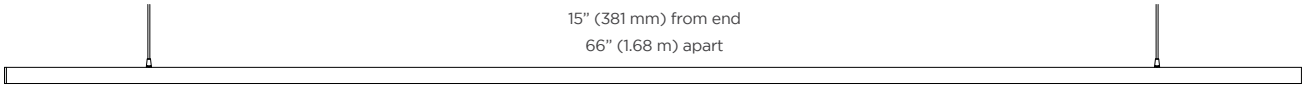
5-Foot Fixture (1.5m)



6-Foot Fixture (1.8m)



7-Foot Fixture (2.1m)



8-Foot Fixture (2.4m)*

NOTE: Each section requires its own driver.