

SCROLL80 PENDANT FIXTURE

Fashion graceful custom 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.

- Pendant or surface mounted fixtures
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 67.2 lm/W, 1109.1 lm/ft (3637.8 lm/m)
- Minimum bending diameter: 23.6 in. (600 mm)
- Static White: 0-10V dimming (DALI coming soon)
- RGBW and Variable White: 0-10V VW Driver, DMX
- Standard silver finish
- Special order Black, White, Gold or custom RAL

HOUSING FINISHES



Silver
Default finish

Black

White

Gold

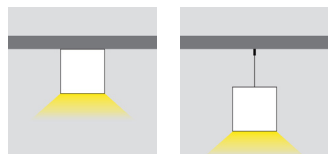
Note: Custom colors available upon request

LENS FINISH



Milky Lens
74% Light Transmission

MOUNTING OPTIONS



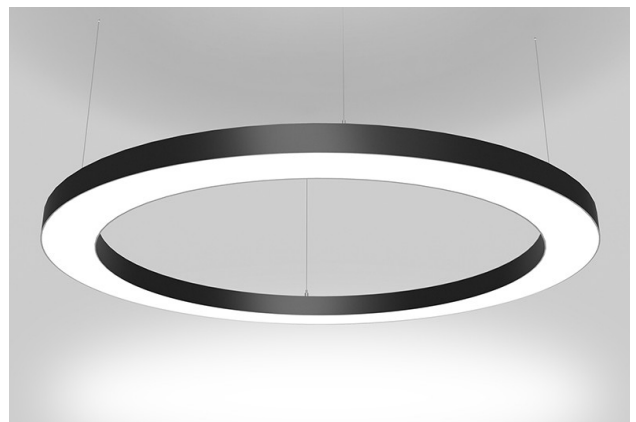
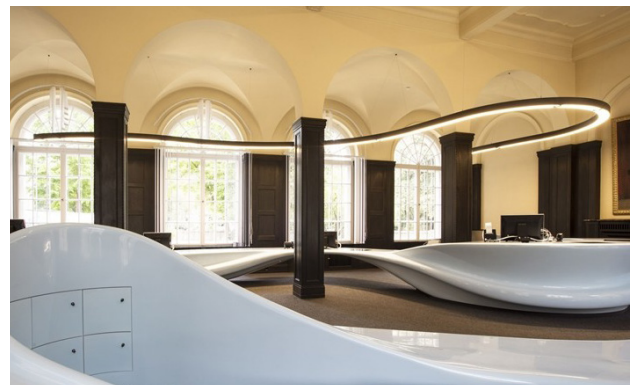
Surface Mount

Suspended Mount

AVAILABLE COLOR TEMPERATURES & COLORS



2700K 3000K 3500K 4000K RGBW VW



ORDERING GUIDE

Fixture Length	Output (VW and RGBW in Standard Output only)	Mounting Type	Color Temperature and Colors Direct	
SL80				
SL80 - Scroll80 Fixture	SO - Standard Direct Only HO - High Direct Only	P - Suspended Pendant S - Surface	27 - 2700K 30 - 3000K 35 - 3500K	40 - 4000K VW - Variable White RGBW - RGBW
Surface Finish	Run			
SV - Silver BK - Black WH - White	GD - Gold C - Custom	S - Straight C - Curved		
		QUOTING PROCESS	PRODUCTION 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.	After we receive a Purchase Order, our engineering team will provide a dimension drawing that shows the precise specifications of each pendant. Drawings take 2-3 business days. The client must review, approve and return a signed dimension drawing before production begins.	



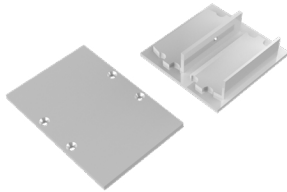


RoHS IP20

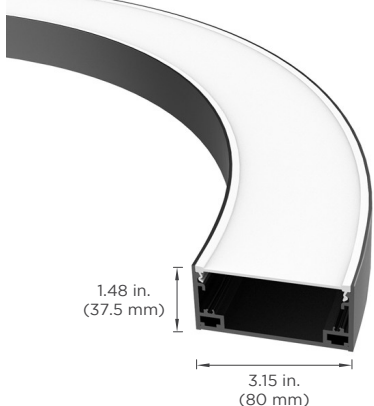
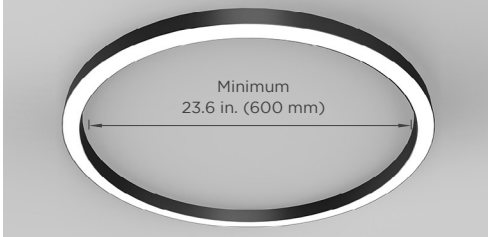
SPECIFICATIONS

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 8.0 W/ft (26.2 W/m)	High Output 16.5 W/ft (54.1 W/m)	Standard Output 11 W/ft (36.1 W/m)	Standard Output 18 W/ft (59 W/m)
Voltage	Constant Current		24V Constant Voltage	
CCTs & Colors	2700K, 3000K, 3500K, 4000K		VW	RGBW
Efficacy	77.8 lm/W	67.2 lm/W	39.4 lm/W	21.6 lm/W
Lumens	622.4 lm/ft (2041.5 lm/m)	1109.1 lm/ft (3637.8 lm/m)	433.3 lm/ft (1421.2 lm/m)	389 lm/ft (1275.9 lm/m)
CRI	90+			
Certifications	UL, CE, RoHS			

ACCESSORIES

Coupler	Suspended Mounting Kit (included accessory)	End Caps (included accessory)
Part #: SL80COUP 		

DIMENSIONS

SURFACE / SUSPENDED	
 <p>Width: 3.15 in. (80 mm) Height: 1.48 in. (37.5 mm) Length: Up to 19 ft 8 in. (6 m)</p> <p>NOTE: 1. Max length for lens is 19 ft 8 in. (6 m) 2. Each section requires its own driver.</p>	<p>Minimum Bending Diameter 23.6 in. (600 mm)</p>  <p>WARNING: DO NOT bend fixture past the listed minimum bending diameter. Defects caused by over-bending will result in a voided warranty.</p>

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UNDERSTANDING THE MINIMUM BENDING DIAMETER (MAXIMUM CURVATURE)

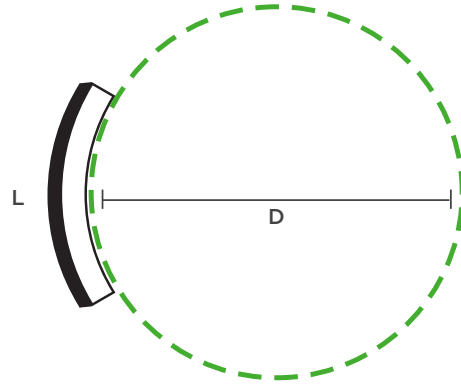
The bending diameter of a curve is the diameter of the circle that would exist if the curve were extended to form a circle.

For example, we have a fixture of length L:

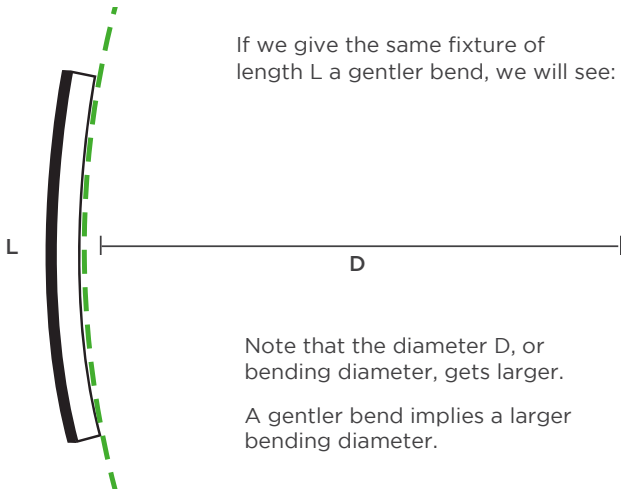


Let's bend this fixture.

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.

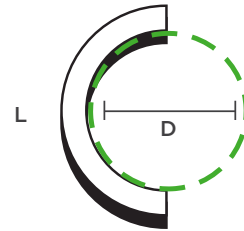


If we give the same fixture of length L a gentler bend, we will see:

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:

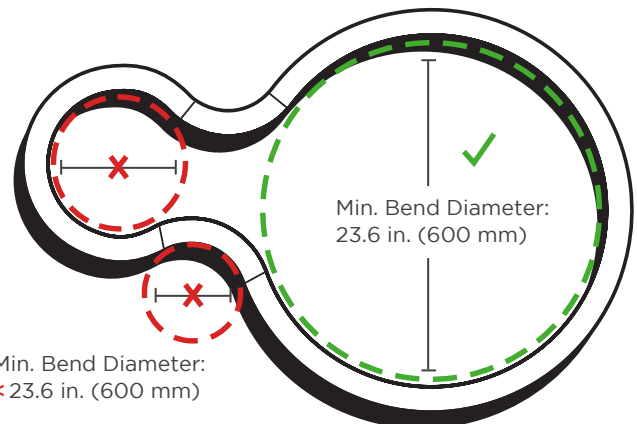


The diameter D, or bending diameter, gets smaller. A sharper bend implies a smaller bending diameter.

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.

Scroll80 Pendants have a minimum bending diameter of 23.6 in. (600 mm)

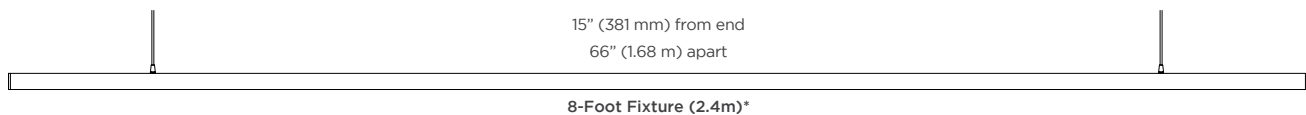
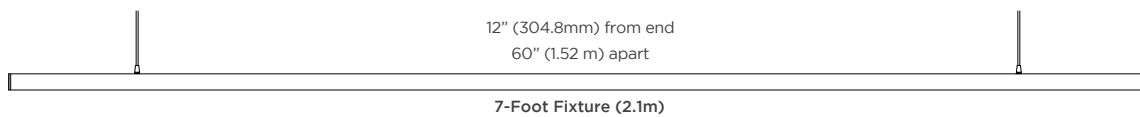
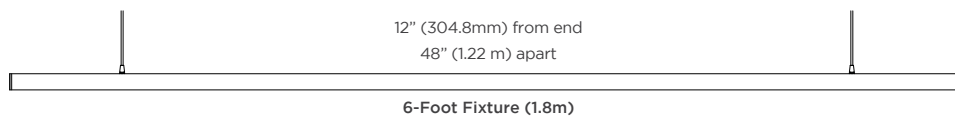
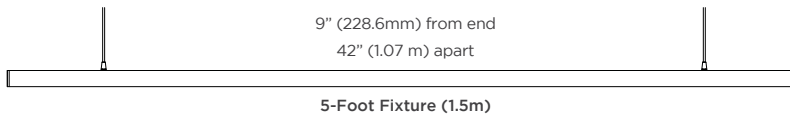
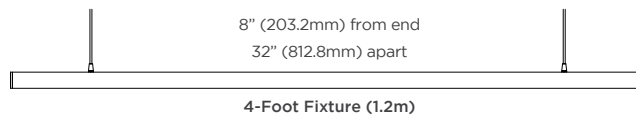
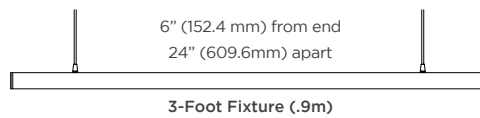
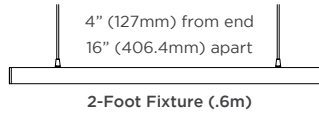
Minimum Bending Diameter = Maximum Curvature



Min. Bend Diameter:
< 23.6 in. (600 mm)

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES



NOTE: Each section requires its own driver.

REV.01SEP2023