

## SCROLL50 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
- Direct or Direct/Indirect (sconce/pendant) lighting option
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 66.5 lm/W, 479 lm/ft (1571.1 lm/m)
- Minimum bending diameter: 39.4 in. (1000 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

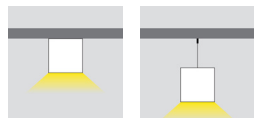
Note: Custom colors available upon request

### LENS FINISH



Milky Lens  
74% Light Transmission

### MOUNTING OPTIONS



Surface  
Mount

Suspended  
Mount

### ILLUMINATION OPTIONS



Direct  
Only

Direct  
/Indirect

### AVAILABLE COLOR TEMPERATURES & COLORS



2700K

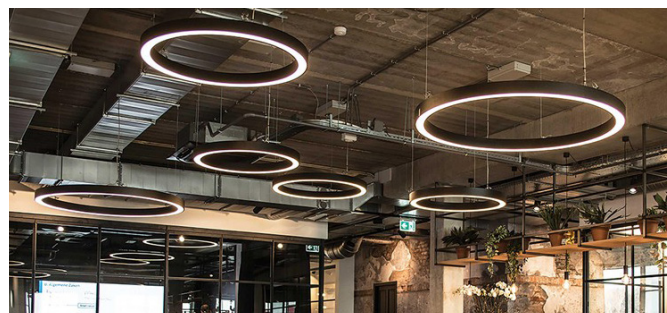
3000K

3500K

4000K

RGBW

VW



RoHS IP20

## ORDERING GUIDE



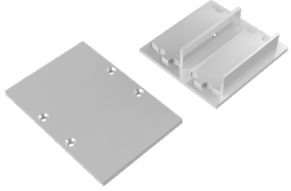
Fixture Length		Output (VW and RGBW in Standard Output only)		Mounting Type	
SL50					
SL50 - Scroll50 Fixture		SO - Standard Direct Only	SO-HO - Standard Direct, High Indirect	P - Suspended Pendant	
		HO - High Direct Only	HO-SO - High Direct, Standard Indirect	S - Surface	
		SO-SO - Standard Direct, Standard Indirect	HO-HO - High Direct, High Indirect		
Color Temperature and Colors Direct		Color Temperature and Colors Indirect (If direct lighting only, leave this field blank)		Surface Finish	
				Run	
27 - 2700K	40 - 4000K	27 - 2700K	40 - 4000K	SL - Silver	GD - Gold
30 - 3000K	VW - Variable White	30 - 3000K	VW - Variable White	BK - Black	C - Custom
35 - 3500K	RGBW - RGBW	35 - 3500K	RGBW - RGBW	WH - White	
				S - Straight	
				C - Curved	

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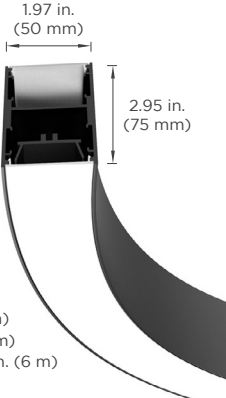

## SPECIFICATIONS

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	SO 4.2 W/ft (13.8 W/m)	HO 7.2 W/ft (23.6 W/m)	SO-SO 8.3 W/ft (27.2 W/m)	SO-HO 11.4 W/ft (37.4 W/m)	HO-HO 14.3 W/ft (46.9 W/m)	SO 7.6 W/ft (24.9 W/m)	SO-SO 15.2 W/ft (49.9 W/m)	SO 11.3 W/ft (37.1 W/m)	SO-SO 22.6 W/ft (74.1 W/m)
Voltage	Constant Current					24V Constant Voltage			
CCTs & Colors	2700K, 3000K, 3500K, 4000K					VW		RGBW	
Efficacy	75.8 lm/W	66.5 lm/W	76.7 lm/W	69.9 lm/W	67 lm/W	42 lm/W	42 lm/W	25 lm/W	25 lm/W
Lumens	318.2 lm/ft (1043.7 lm/m)	479 lm/ft (1571.1 lm/m)	636.4 lm/ft (2087.4 lm/m)	797.2 lm/ft (2614.8 lm/m)	957.9 lm/ft (3141.9 lm/m)	319.3 lm/ft (1047.3 lm/m)	638.6 lm/ft (2094.6 lm/m)	282.3 lm/ft (925.9 lm/m)	564.6 lm/ft (1851.9 lm/m)
CRI	90+								
Certifications	UL, CE, RoHS								

## ACCESSORIES

Coupler	Suspended Mounting Kit (included accessory)	End Caps (included accessory)
Part #: SL50COUP 		

## DIMENSIONS

SURFACE MOUNT / SUSPENDED WITH DIRECT LIGHTING ONLY	SUSPENDED WITH DIRECT & INDIRECT LIGHTING	Minimum Bending Diameter For Surface and Suspended Models
 <p>Width: 1.97 in. (50 mm) Height: 1.97 in. (50 mm) Length: Up to 19 ft 8 in. (6 m)</p> <p><b>NOTE:</b> 1. Max length for lens is 19 ft 8 in. (6 m) 2. Each section requires its own driver.</p>	 <p>Width: 1.97 in. (50 mm) Height: 2.95 in. (75 mm) Length: Up to 19 ft 8 in. (6 m)</p>	 <p>Minimum 39.4 in. (1000 mm)</p> <p><b>WARNING:</b> DO NOT bend fixture past the listed minimum bending diameter. Defects caused by over-bending will result in a voided warranty.</p>

## UNDERSTANDING THE MINIMUM BENDING DIAMETER (MAXIMUM CURVATURE)

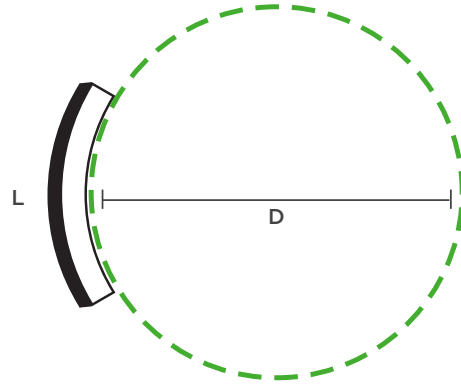
The bending diameter of a curve is the diameter of the circle that would exist if the curve were extended to form a circle.

For example, we have a fixture of length L:

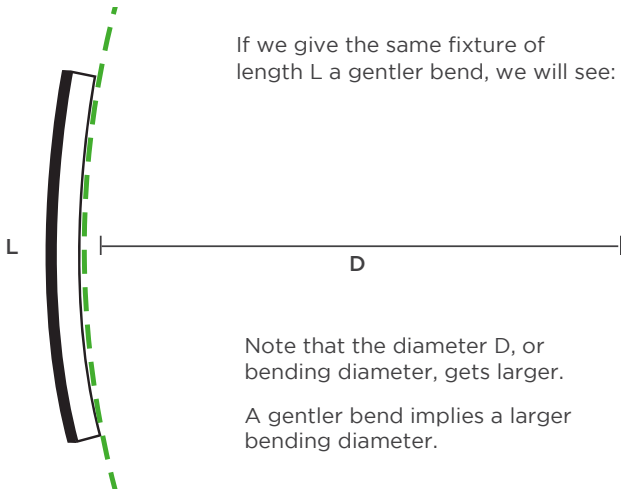


Let's bend this fixture.

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.

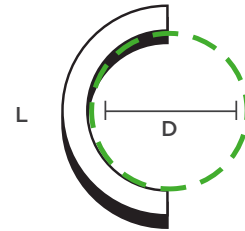


If we give the same fixture of length L a gentler bend, we will see:

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:

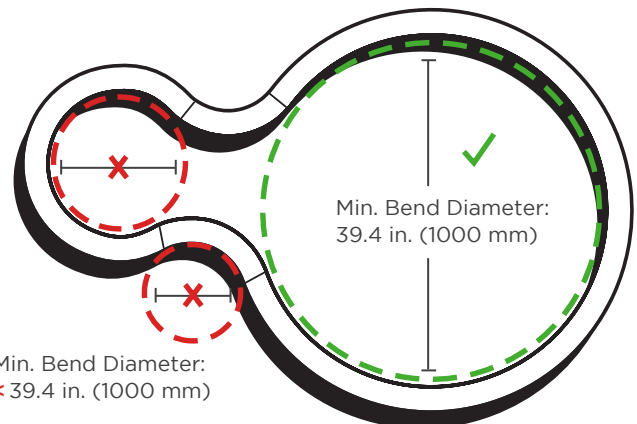


The diameter D, or bending diameter, gets smaller. A sharper bend implies a smaller bending diameter.

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.

**Scroll50 Pendants have a minimum bending diameter of 39.4 in. (1000 mm)**

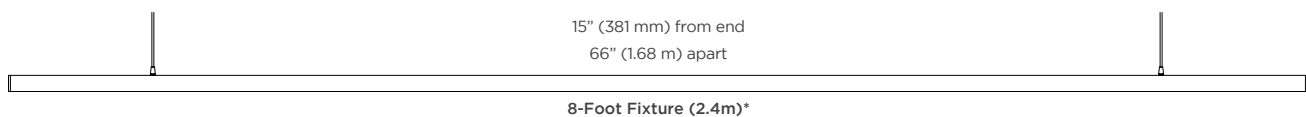
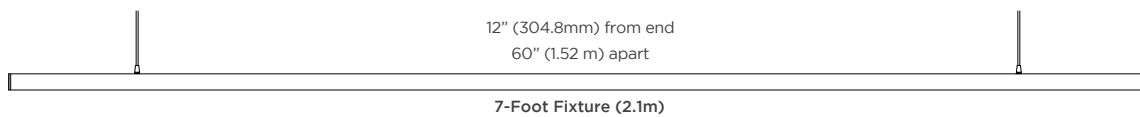
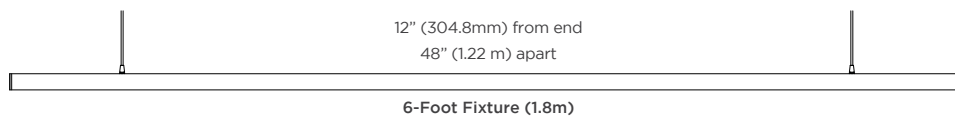
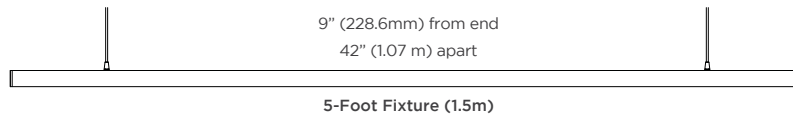
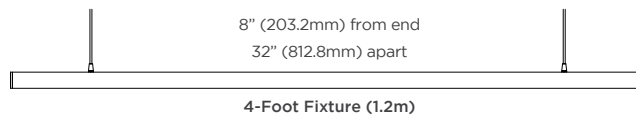
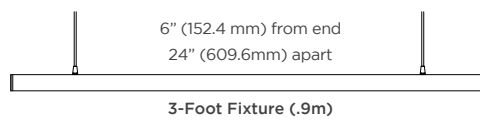
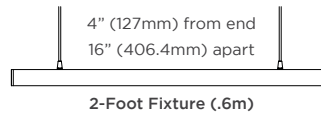
**Minimum Bending Diameter = Maximum Curvature**



Min. Bend Diameter:  
< 39.4 in. (1000 mm)

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES



**NOTE:** Each section requires its own driver.

REV.26MAY2023