

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 Indirect (sconce/pendant) lighting option
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 660 lm/ft (2160 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

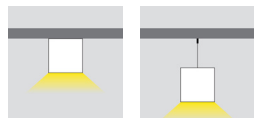
Note: Custom colors available upon request

LENS FINISH



Milky Lens
74% Light Transmission

MOUNTING OPTIONS



Surface
Mount

Suspended
Mount

ILLUMINATION OPTIONS



Direct
Only

Direct
/ Indirect

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	
SL50					
SL50 - Scroll50 Fixture	SO - Standard Direct Only	SO-SO - Standard Direct, Standard Indirect	P - Suspended Pendant	27 - 2700K	40 - 4000K
	HO - High Direct Only	SO-HO - Standard Direct, High Indirect	S - Surface	30 - 3000K	VW - Variable White
		HO-SO - High Direct, Standard Indirect		35 - 3500K	RGBW - RGBW
		HO-HO - High Direct, High Indirect			

Color Temperature and Colors Indirect
(If direct lighting only, leave this field blank)

Surface Finish

Run

27 - 2700K

40 - 4000K

30 - 3000K

VW - Variable White

35 - 3500K

RGBW - RGBW

SV - Silver

GD - Gold

BK - Black

C - Custom

WH - White

S - Straight

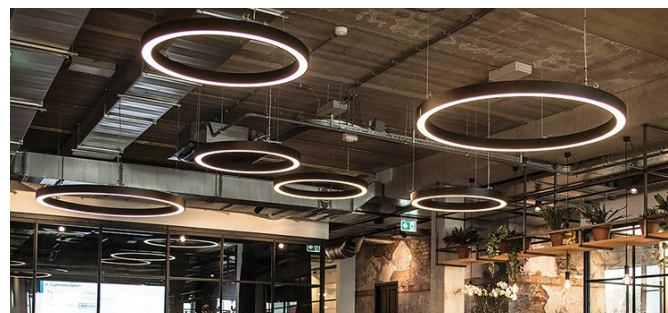
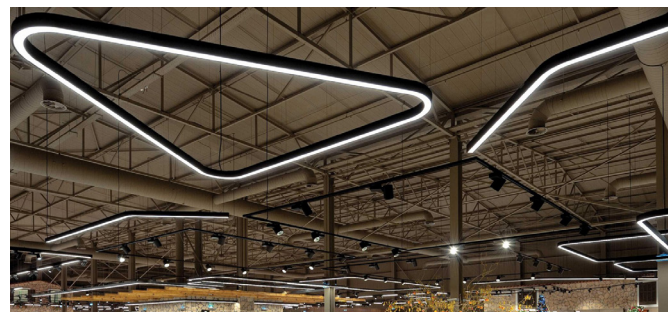
C - Curved

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 take 2-3 business days. The client must review, approve and return a signed dimension drawing before production begins.



RoHS IP20

SPECIFICATIONS



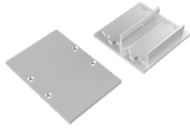
Beam Angle	110°
Lens Type	Milky Lens (PMMA)
Length	Continuous lengths available. Lens max lengths are 19 ft 8 in. (6 m)
Dimming	Static White: 0-10V, (DALI coming soon) RGBW and Variable White: 0-10V VW Driver, DMX
CCTs & Colors	2700K, 3000K, 3500K, 4000K, Variable White, RGBW
CRI	90+
Certifications	UL, CE, RoHS

STATIC WHITE				
Power	Direct SO 5.2 W/ft (17 W/m)	Direct HO 11.6 W/ft (38 W/m)	Indirect SO 2.7 W/ft (9 W/m)	Indirect HO 5.8 W/ft (19 W/m)
Voltage	Constant Current			
Lumens	330 lm/ft (1082 lm/m)	660 lm/ft (2165 lm/m)	185 lm/ft (607 lm/m)	360 lm/ft (1181 lm/m)
Lumens/Watt	63 lm/W	57 lm/W	67 lm/W	63 lm/W


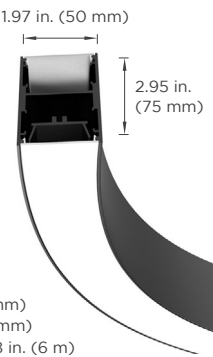

VARIABLE WHITE						
Power	Direct All On 8.5 W/ft (28 W/m)	Direct Cool Only 4.3 W/ft (14 W/m)	Direct Warm Only 4.3 W/ft (14 W/m)	Indirect All On 5.8 W/ft (19 W/m)	Indirect Cool Only 2.9 W/ft (9.5 W/m)	Indirect Warm Only 2.9 W/ft (9.5 W/m)
Voltage	24V Constant Voltage					
Lumens	215 lm/ft (705 lm/m)	90 lm/ft (295 lm/m)	80 lm/ft (262 lm/m)	125 lm/ft (410 lm/m)	50 lm/ft (164 lm/m)	40 lm/ft (131 lm/m)
Lumens/Watt	25 lm/W	22 lm/W	18 lm/W	21 lm/W	17 lm/W	15 lm/W

RGBW										
Power	Direct All On 11.6 W/ft (38 W/m)	Direct Red Only 2.9 W/ft (9.5 W/m)	Direct Green Only 2.9 W/ft (9.5 W/m)	Direct Blue Only 2.9 W/ft (9.5 W/m)	Direct White Only 2.9 W/ft (9.5 W/m)	Indirect All On 5.8 W/ft (19 W/m)	Indirect Red Only 1.5 W/ft (4.8 W/m)	Indirect Green Only 1.5 W/ft (4.8 W/m)	Indirect Blue Only 1.5 W/ft (4.8 W/m)	Indirect White Only 1.5 W/ft (4.8 W/m)
Voltage	24V Constant Voltage									
Lumens	205 lm/ft (672 lm/m)	25 lm/ft (82 lm/m)	40 lm/ft (131 lm/m)	10 lm/ft (33 lm/m)	60 lm/ft (197 lm/m)	90 lm/ft (295 lm/m)	10 lm/ft (33 lm/m)	15 lm/ft (49 lm/m)	5 lm/ft (16 lm/m)	20 lm/ft (66 lm/m)
LM/W	18 lm/W	8 lm/W	15 lm/W	3 lm/W	21 lm/W	15 lm/W	6 lm/W	10 lm/W	2 lm/W	14 lm/W

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>1.97 in. (50 mm)</p> <p>1.97 in. (50 mm)</p> <p>Width: 1.97 in. (50 mm) Height: 1.97 in. (50 mm) Length: Up to 8 ft 2.4 in. (2.5 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>1.97 in. (50 mm)</p> <p>2.95 in. (75 mm)</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 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>

UNDERSTANDING THE MINIMUM BENDING DIAMETER (MAXIMUM CURVATURE)

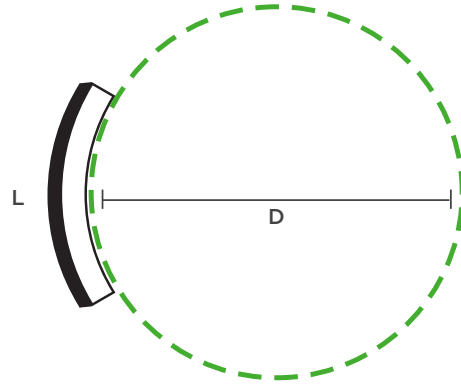
The bending diameter of a curve is the diameter of the circle that would exist if the curve were extended to form a circle.

For example, we have a fixture of length L:

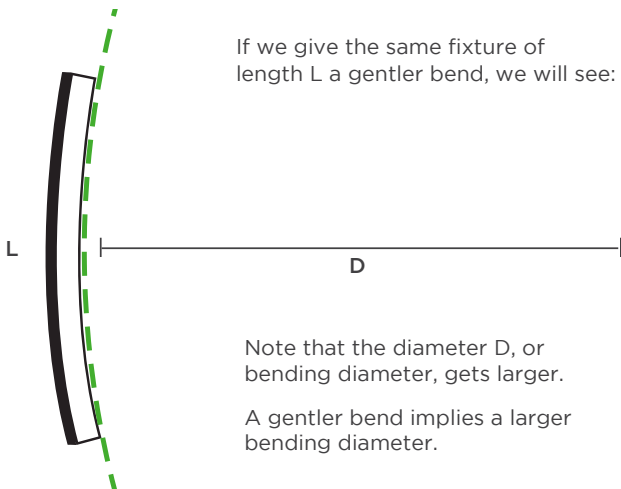


Let's bend this fixture.

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.

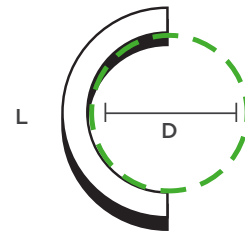


If we give the same fixture of length L a gentler bend, we will see:

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:

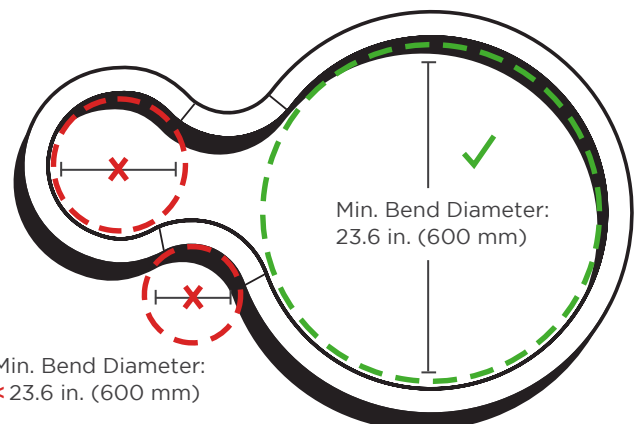


The diameter D, or bending diameter, gets smaller. A sharper bend implies a smaller bending diameter.

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 23.6 in. (600 mm)

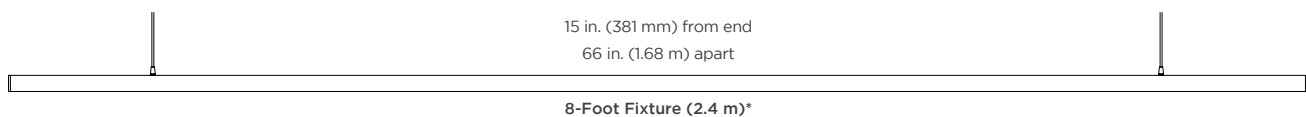
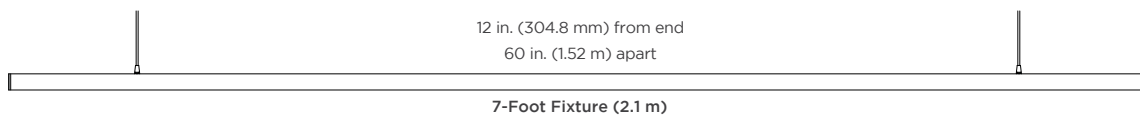
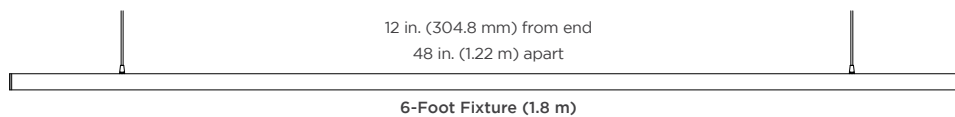
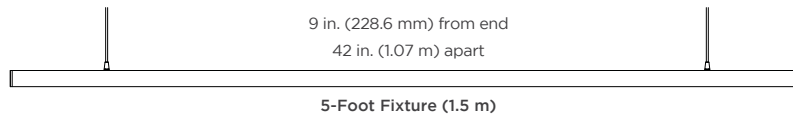
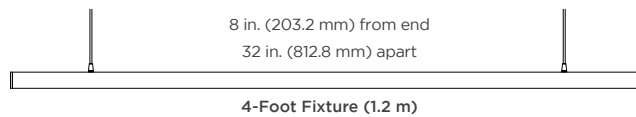
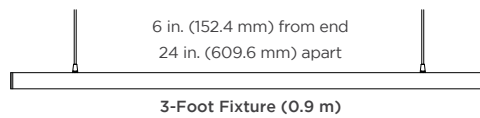
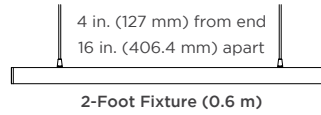
Minimum Bending Diameter = Maximum Curvature



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.

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