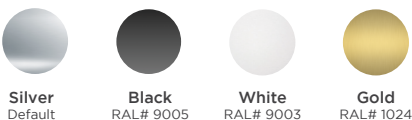


SCROLL50 PENDANT FIXTURE

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.

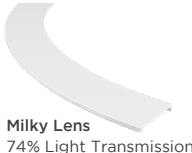
- Pendant or surface mounted fixtures
- Direct or Direct/Indirect (sconce/pendant) lighting option
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 660 lm/ft (2160 lm/m)
- Minimum bending diameter: 39.37 in. (1000 mm)
- Static White: 0-10V dimming (Dali coming soon)
- RGBW and Variable White: 0-10V VW Driver, DMX
- Standard silver finish
- Special order Black, White, Gold or custom RAL

HOUSING FINISHES

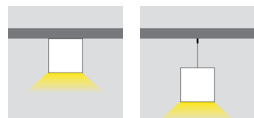


Note: Custom colors available upon request

LENS FINISH



MOUNTING OPTIONS



Surface Mount

Suspended Mount

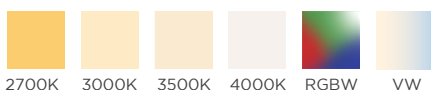
ILLUMINATION OPTIONS



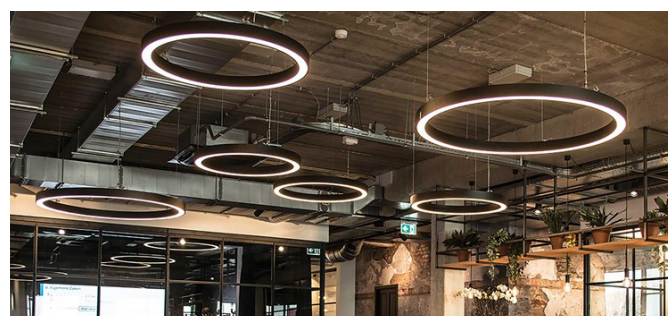
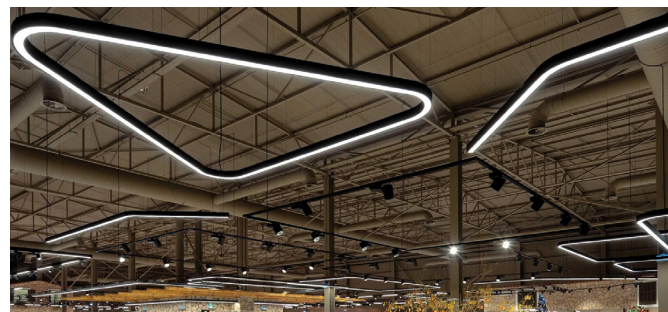
Direct Only

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*	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	SV - Silver	GD - Gold	S - Straight	
30 - 3000K	VW - Variable White	BK - Black	C - Custom	C - Curved	
35 - 3500K	RGBW - RGBW	WH - White			

*The standard length of Suspended Mounting Kit cables is 6 ft 6.74 in. (2 m). Custom lengths are available up to 32 ft 9.7 in. (10 m).

Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

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.

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 Part #: SL50COUP 	Suspended Mounting Kit (included accessory)  NOTE: The standard length of Suspended Mounting Kit cables is 6 ft 6.74 in. (2 m). Custom lengths are available up to 32 ft 9.7 in. (10 m).	End Caps (included accessory) 	Power Feed Canopy Kit (included accessory) Part #: LLFEEDKITWHT (White) Part #: LLFEEDKITBLK (Black) 
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DIMENSIONS

SURFACE MOUNT / SUSPENDED WITH DIRECT LIGHTING ONLY OR WITH DIRECT & INDIRECT LIGHTING



Width: 1.97 in. (50 mm)
Height: 1.97 in. (50 mm)
Length: Up to 8 ft 2.4 in. (2.5 m)

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

Minimum Bending Diameter For Surface and Suspended Models

39.37 in. (1000 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)

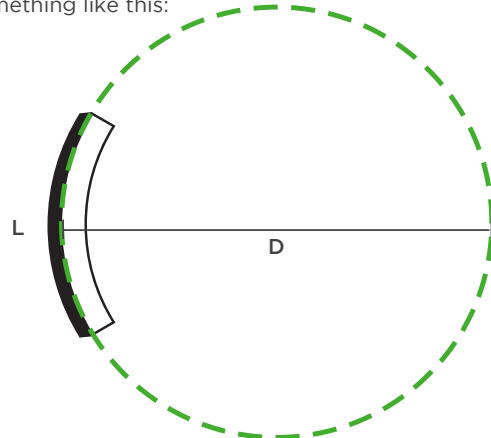
The bending diameter of a curve is the diameter of the circle that would exist if the curve were extended to form a circle.

For example, we have a fixture of length L:

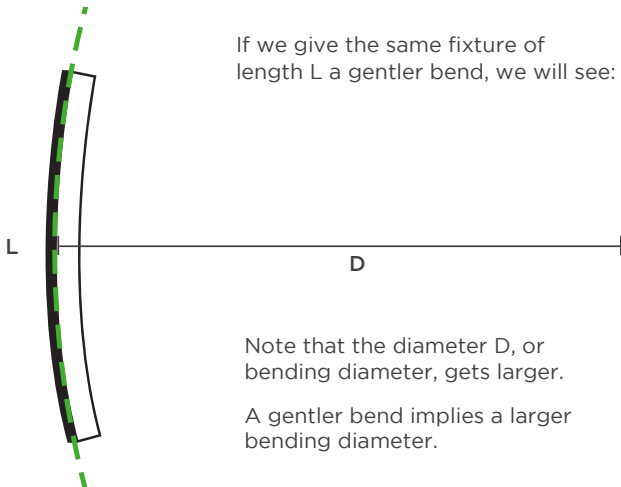


Let's bend this fixture.

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.

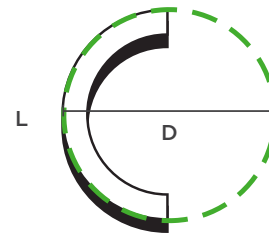


If we give the same fixture of length L a gentler bend, we will see:

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:

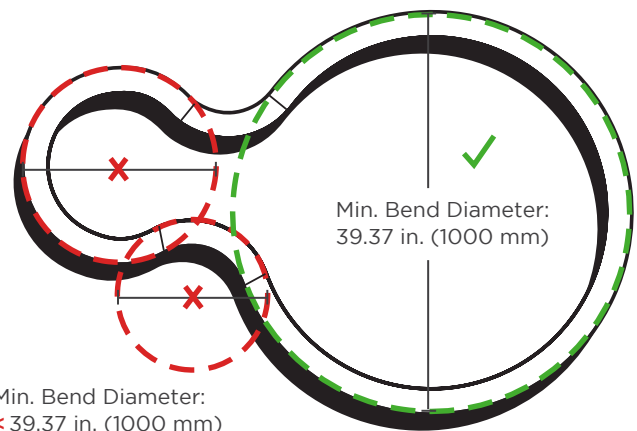


The diameter D, or bending diameter, gets smaller. A sharper bend implies a smaller bending diameter.

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.

Scroll50 Pendants have a minimum bending diameter of 39.37 in. (1000 mm)

Minimum Bending Diameter = Maximum Curvature

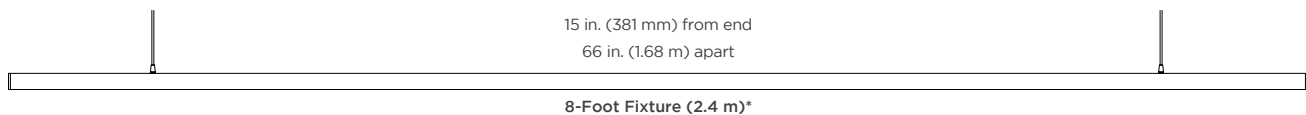
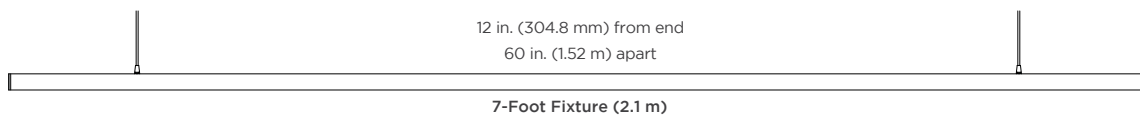
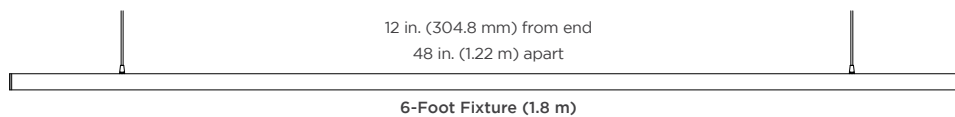
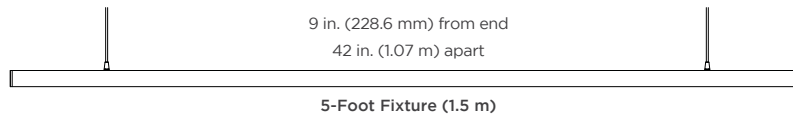
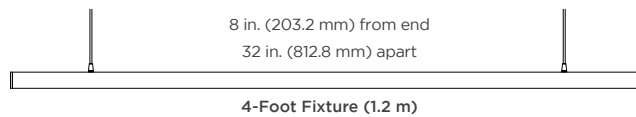
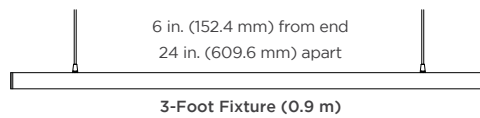
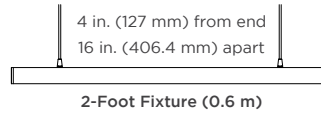


Min. Bend Diameter:
< 39.37 in. (1000 mm)

Min. Bend Diameter:
39.37 in. (1000 mm)

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES



NOTE: Each section requires its own driver.

REV.29JAN2024