

Date _____ Project _____

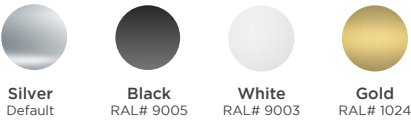
Notes _____

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.

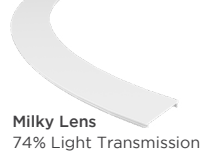
- Pendant or surface mounted fixtures
- Direct or Direct/Indirect (sconce/pendant) lighting option
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 660 lm/ft (2160 lm/m)
- Minimum bending radius: 19.69 in. (500 mm)
- Static White: 0-10V dimming (Dali coming soon)
- RGBW and Variable White: 0-10V VW Driver, DMX
- Standard silver finish
- Special order Black, White, Gold or custom RAL

HOUSING FINISHES

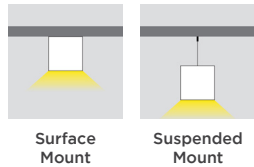


Note: Custom colors available upon request

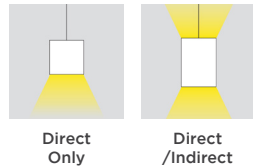
LENS FINISH



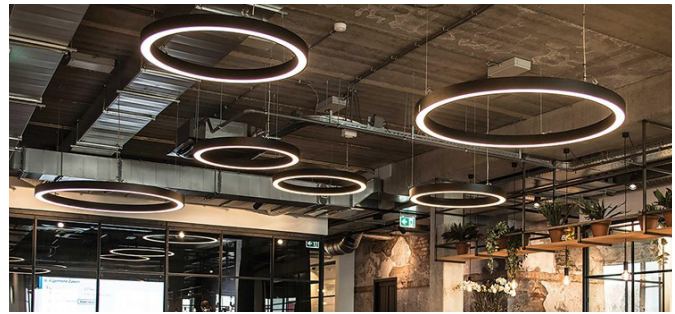
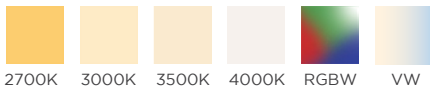
MOUNTING OPTIONS



ILLUMINATION OPTIONS



AVAILABLE COLOR TEMPERATURES & COLORS



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

Color Temperature and Colors Indirect (If direct lighting only, leave this field blank)	Surface Finish	Run
27 - 2700K	SV - Silver	S - Straight
40 - 4000K	GD - Gold	C - Curved
30 - 3000K	BK - Black	
VW - Variable White	C - Custom	
35 - 3500K	WH - White	
RGBW - RGBW		

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.

*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).

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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
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

<p>Coupler</p> <p>Part #: SL50COUP</p> 	<p>Suspended Mounting Kit (included accessory)</p>  <p>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).</p>	<p>End Caps (included accessory)</p> 	<p>Power Feed Canopy Kit</p> <p>Part #: LLFEEDKITWHT (White)</p> <p>Part #: LLFEEDKITBLK (Black)</p> 
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DIMENSIONS

<p>SURFACE MOUNT / SUSPENDED WITH DIRECT LIGHTING ONLY OR WITH DIRECT & INDIRECT LIGHTING</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>Minimum Bending Radius For Surface and Suspended Models</p> <p>19.69 in. (500 mm)</p>  <p>WARNING: DO NOT bend fixture past the listed minimum bending radius. Defects caused by over-bending will result in a voided warranty.</p>
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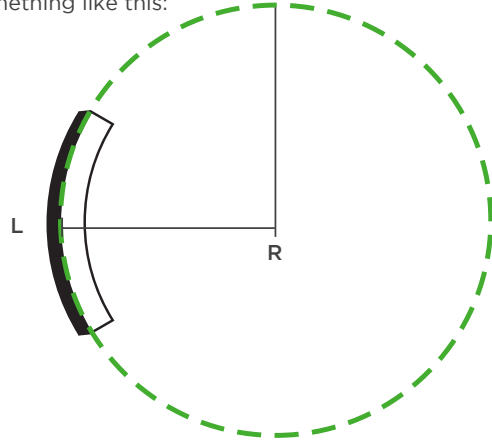
UNDERSTANDING THE MINIMUM BENDING RADIUS (MAXIMUM CURVATURE)

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

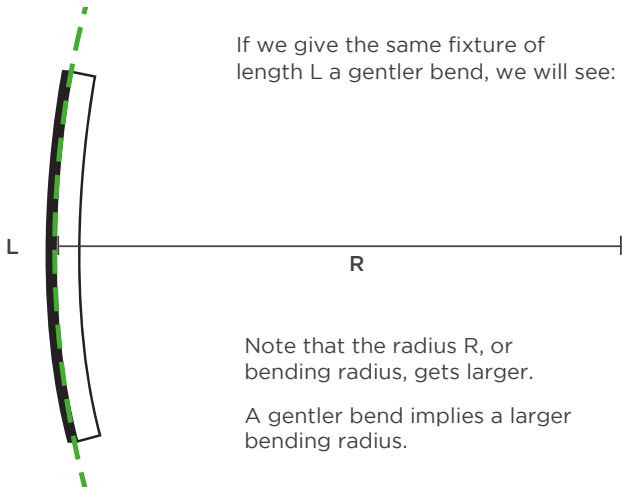
For example, we have a fixture of length L:



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 radius.

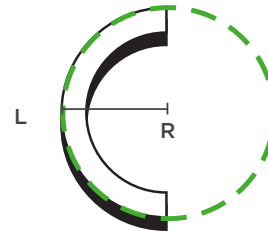


If we give the same fixture of length L a gentler bend, we will see:

Note that the radius R, or bending radius, gets larger.

A gentler bend implies a larger bending radius.

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

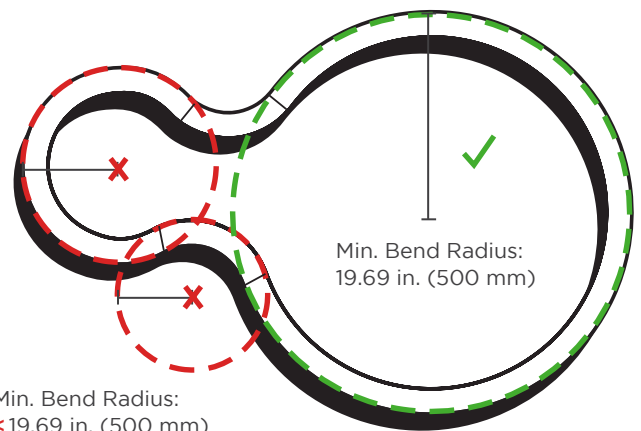


The radius R, or bending radius, gets smaller.
A sharper bend implies a smaller bending radius.

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

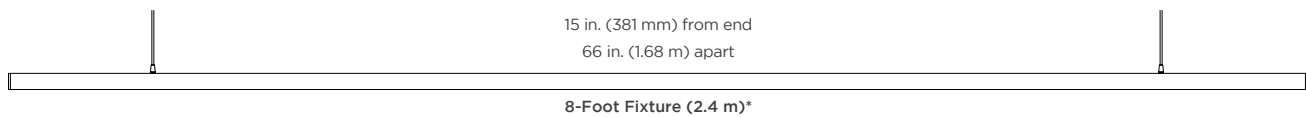
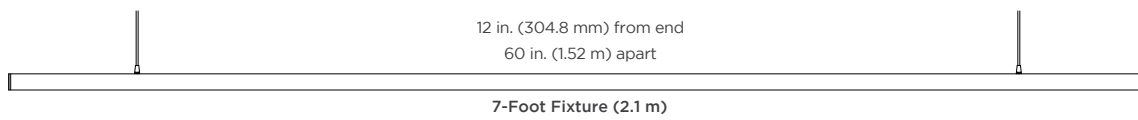
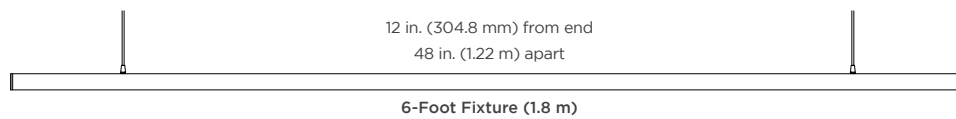
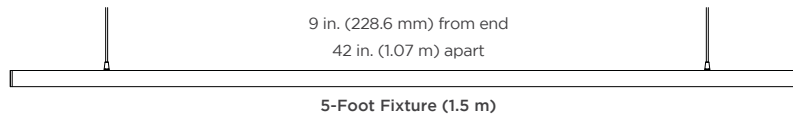
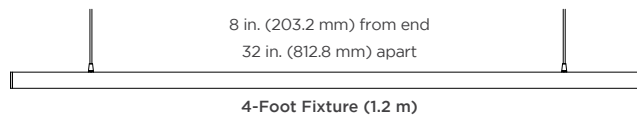
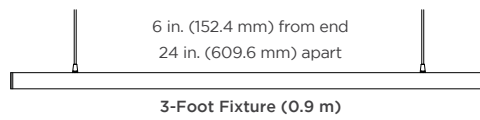
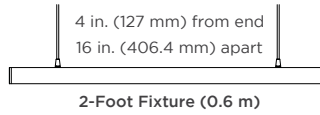
Scroll50 Pendants have a minimum bending radius of 19.69 in. (500 mm)

Minimum Bending Radius = Maximum Curvature



SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES



NOTE: Each section requires its own driver.

REV.20SEP2024