

Date Project

Notes

#### SCROLL50S PENDANT FIXTURE

Fashion graceful custom side-illuminated 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.

- Create side-illuminated pendant or surface mounted fixtures
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 735 lm/ft (2411 lm/m)
- Minimum bending radius: 13.78 in. (350 mm)
- Static White: 0-10V, ELV/MLV, and DALI dimming
- RGBW and Variable White: 0-10V VW dimming
- Compatible with DMX controls
- · Standard silver finish
- Special order Black, White or custom RAL

### HOUSING FINISHES







Note: Custom colors available upon request



RAL# 9003

**LENS FINISH** 

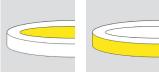


MOUNTING OPTIONS





ILLUMINATION OPTIONS



Inward or Outward

Illumination Direction

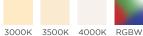
# **AVAILABLE COLOR TEMPERATURES & COLORS**



SI 50















# **ORDERING GUIDE**

Fixture Length

SL50 - Scroll5	50S Side Illuminated Fixture	I - Inward				
		O - Outward				
Color Temper	rature and Colors	Surface Finish	Run			
<b>27</b> - 2700K	<b>40</b> - 4000K	SV - Silver	S - Straight			
<b>30</b> - 3000K	VW - Variable White (2000K-6500K	() <b>BK</b> - Black	C - Curved			
<b>35</b> - 3500K	RGBW - RGBW (3000K)	WH - White				
		C - Custom				

\*The standard length of Suspended Mounting Kit cables is 6 ft 6.74 in. (2 m).

### SO - Standard Direct Only

Output (VW and RGBW in Standard Output only)

HO - High Direct Only

#### 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.

# P - Suspended Pendant

S - Surface

Mounting Type\*

**RoHS IP20** 

#### 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.

Custom lengths are available up to 32 ft 9.7 in. (10 m).



#### **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, 3	500K, 4000K	VW (2000K-6500K)			RGBW (3000K)						
Power	Standard Output	High Output	All On	Cool White (6500K)	Warm White (2000K)	All On	Red	Green	Blue	White (3000K)		
	5.2 W/ft (17 W/m)	11.6 W/ft (38 W/m)	8.5 W/ft (28 W/m)	4.3 W/ft (14 W/m)	4.3 W/ft (14 W/m)	11.6 W/ft (38 W/m)	2.9 W/ft (9.5 W/m)	2.9 W/ft (9.5 W/m)	2.9 W/ft (9.5 W/m)	2.9 W/ft (9.5 W/m)		
Voltage	Constant (	Current				24V Constant Voltage						
Lumens	365 lm/ft (1197 lm/m)	735 lm/ft (2411 lm/m)	240 lm/ft (787 lm/m)	105 lm/ft (344 lm/m)	90 lm/ft (295 lm/m)	225 lm/ft (738 lm/m)	25 lm/ft (82 lm/m)	55 lm/ft (180 lm/m)	10 lm/ft (33 lm/m)	70 lm/ft (230 lm/m)		
Lumens/Watt	71 lm/w	63 lm/w	28 lm/w	25 lm/w	21 lm/w	19 lm/w	8 lm/w	19 lm/w	4 lm/w	24 lm/w		
CRI	90+											
Certifications	UL, CE, RoHS											

#### **ACCESSORIES**



Coupler



#### 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)



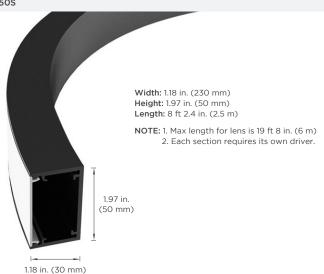
Power Feed Canopy Kit

Part #: LLFEEDKITWHTV2 (White)
Part #: LLFEEDKITBLKV2 (Black)



# DIMENSIONS

# SCROLL50S





**WARNING:** DO NOT bend fixture past the listed minimum bending radius. Defects caused by over-bending will result in a voided warranty.

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# UNDERSTANDING THE MINIMUM BENDING RADIUS (MAXIMUM CURVATURE)

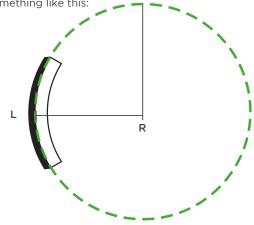
The bending radius of a curve is the radius of the circle that would exist if the curve were extended to form a circle.

For example, we have a fixture of length L:

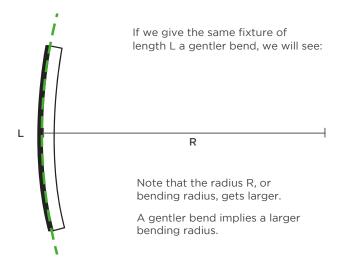


Let's bend this fixture.

If we extend this curve to form a circle, we will see something like this:



The radius R of that circle would be our curve's bending radius.



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

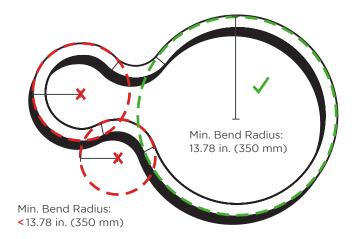


The radius R, or bending radius, gets smaller. A sharper bend implies a smaller bending radius.

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.

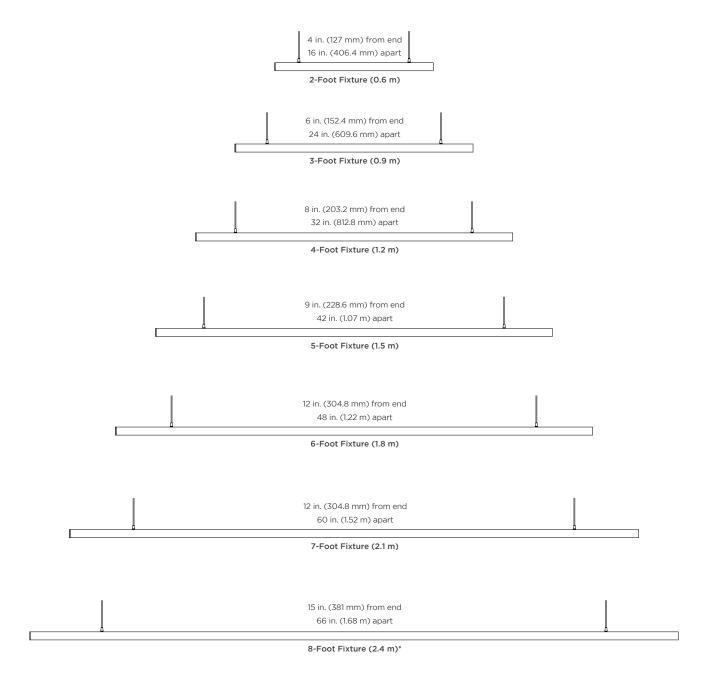
Scroll50S Pendants have a minimum bending radius of 13.78 in. (350 mm)

Minimum Bending Radius = Maximum Curvature



#### SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

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NOTE: Each section requires its own driver.

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