

Date \_\_\_\_\_ Project \_\_\_\_\_

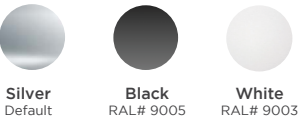
Notes \_\_\_\_\_

### 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.

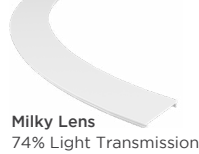
- Pendant or surface mounted fixtures
- Direct or Direct/Indirect (sconce/pendant) lighting option
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 660 lm/ft (2160 lm/m)
- Minimum bending radius: 19.69 in. (500 mm)
- Static White: 0-10V, DALI
- RGBW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

#### HOUSING FINISHES

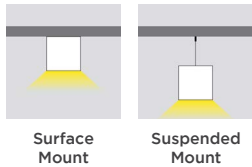


Note: Custom colors available upon request

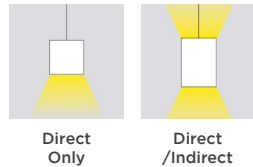
#### LENS FINISH



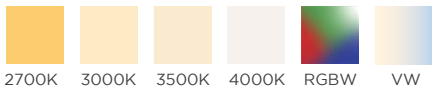
#### MOUNTING OPTIONS



#### 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	
<b>SL50</b>					
SL50 - Scroll50 Fixture	SO - Standard Direct Only	SO-SO - Standard Direct, Standard Indirect	P - Suspended	27 - 2700K	VW - Variable White (2000K-6500K)
	HO - High Direct Only	SO-HO - Standard Direct, High Indirect	S - Surface	30 - 3000K	RGBW - RGBW (3000K)
		HO-SO - High Direct, Standard Indirect		35 - 3500K	
		HO-HO - High Direct, High Indirect		40 - 4000K	
<b>Color Temperature and Colors Indirect</b> (If direct lighting only, leave this field blank)			<b>Surface Finish</b>	<b>Run</b>	
27 - 2700K	VW - Variable White (2000K-6500K)	SV - Silver	S - Straight		
30 - 3000K	RGBW - RGBW (3000K)	BK - Black	C - Curved		
35 - 3500K		WH - White			
40 - 4000K		C - Custom			

\*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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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.

**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 RGBW and Variable White: 0-10V VW Driver, DMX, DALI, Casambi
CCTs & Colors	2700K, 3000K, 3500K, 4000K, Variable White (2000K-6500K), RGBW (3000K)
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 (2000K-6500K)**

Power	Direct All On 8.5 W/ft (28 W/m)	Direct Cool (6500K) 4.3 W/ft (14 W/m)	Direct Warm (2000K) 4.3 W/ft (14 W/m)	Indirect All On 5.8 W/ft (19 W/m)	Indirect Cool (6500K) 2.9 W/ft (9.5 W/m)	Indirect Warm (2000K) 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


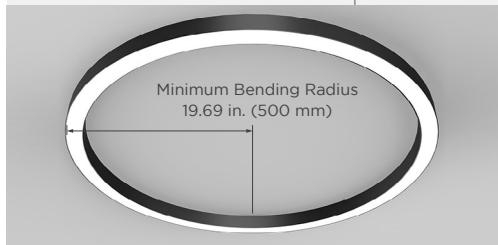
**RGBW (3000K)**

Power	Direct All On 11.6 W/ft (38 W/m)	Direct Red 2.9 W/ft (9.5 W/m)	Direct Green 2.9 W/ft (9.5 W/m)	Direct Blue 2.9 W/ft (9.5 W/m)	Direct White (3000K) 2.9 W/ft (9.5 W/m)	Indirect All On 5.8 W/ft (19 W/m)	Indirect Red 1.5 W/ft (4.8 W/m)	Indirect Green 1.5 W/ft (4.8 W/m)	Indirect Blue 1.5 W/ft (4.8 W/m)	Indirect White (3000K) 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><b>Coupler</b></p> <p>Part #: SL50COUP</p> 	<p><b>Suspended Mounting Kit (included accessory)</b></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><b>End Caps (included accessory)</b></p> 	<p><b>Power Feed Canopy Kit</b></p> <p>Part #: LLFEEDKITWHTV2 (White)</p> <p>Part #: LLFEEDKITBLKV2 (Black)</p> 
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**DIMENSIONS**

<p><b>SURFACE MOUNT / SUSPENDED WITH DIRECT LIGHTING ONLY OR WITH DIRECT &amp; INDIRECT LIGHTING</b></p>  <p><b>Width:</b> 1.97 in. (50 mm) <b>Height:</b> 1.97 in. (50 mm) <b>Length:</b> Up to 8 ft 2.4 in. (2.5 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><b>Minimum Bending Radius For Surface and Suspended Models</b></p> <p>19.69 in. (500 mm)</p>  <p><b>WARNING:</b> 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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AVAILABLE DRIVERS/INTERFACE

<p><b>0-10V Constant Current</b> For Static White models (Americas only)</p>  <p><b>0-10V 1% Dimmable 25W &amp; 50W Drivers</b> Part No.: DRVCC25SS277010 (25 W) DRVCC50SS277010 (50 W) 27-54 VDC 120-277 VAC UL8750, UL991, CSA250.13-14, C22.2 No. 0.8-12, CSA Class P, ETL Class P, UL2043 Plenum Rating</p> <p><b>0-10V 5% Dimmable 95W Drivers</b> Part No.: DRVCC95SS277010 20-54 VDC 120-277 VAC UL8750, UL1310, CSA, UL Class P</p>	<p><b>Constant Current DALI</b> For Static White models (outside of Americas)</p>  <p><b>50W &amp; 96W Constant Current DALI Driver</b> Part No.: DRVCC50DALI1CH (50 W) DRVCC96DALI1CH (96 W) 9-52 VDC (50 W) 9-54 VDC (96 W) 120-277 VAC CE - EN61347-1:2015+A1:2021, EN61347-2-13:2024 , EN55015:2019</p>	<p><b>CASAMBI Compatible</b> For Variable White, Warm Dim &amp; RGBW models (all regions)</p>  <p><b>100W &amp; 200W Casambi Compatible 4 Channel Drivers</b> Part No.: • DRVW24100CAS4CH (100 W) • DRVW24200CAS4CH (200 W) 24 VDC 100-277 VAC UL Listed, CE, RoHS, Bluetooth, CASAMBI</p>		
<p><b>0-10V VW/WD</b> For Variable White &amp; Warm Dim models (Americas only)</p>  <p><b>0-10V Dimmable 90W VW/WD Driver</b> Part No.: DRVRFWDVW2490120 24 VDC 100-277 VAC UL 8750 + UL 1310</p>	<p><b>DALI-2 (2 channel)</b> For Variable White &amp; Warm Dim models (outside of Americas)</p>  <p><b>150W DALI-2 Dimmable 2 Channel Driver</b> Part No.: DRV24150DALI2CH 24 VDC 120-277 VAC CE, CB, ENEC (25), DALI2.0</p>	<p><b>0-10V/ELV/MLV 3-in-1</b> For RGBW models (Americas only)</p>  <p><b>60W, 96W, 288W 0-10V/ELV/MLV 3-in-1 Dimmable Drivers</b> Part No.: DRVW2460TRI010 (60 W) DRVW2496TRI010 (96 W) DRVW24288TRI010 (288 W) 24 VDC 120-277 VAC UL8750, UL1310, IEC 61000-4-2-3-4-5-6-8-11</p>	<p><b>DALI-2 (4 channel)</b> For RGBW models (outside of Americas)</p>  <p><b>150W DALI-2 Dimmable 4 Channel Drivers</b> Part No.: DRV24150DALI4CH 24 VDC 120-277 VAC CE, CB, ENEC (25), DALI2.0</p>	<p><b>Interface</b> For RGBW models (all regions)</p>  <p><b>5 Channel DMX Decoder</b> Part No.: DMXINF5 12-24 VDC CE, UL Recognized</p>

**NOTE:**  
To prevent exposure to the maximum allowable temperatures for these drivers, the suggested installation spacing between drivers is at least 4 in. (101.6 mm) side-to-side when the distance to the sidewall and top of the enclosure is 2 in. (50.8 mm). When the distance to the sidewall and top of the enclosure is 6 in. (152.4 mm), maintain at least 2 in. (50.8 mm) side-to-side spacing between drivers. Drivers should be placed at a minimum of 1 in. (25.4 mm) apart when arranging them end-to-end regardless of the enclosure size.

Please [download driver and interface specification sheets on Scroll50 product page for more details.](#)

DRIVER MATRIX (for Static White models only)

Length	Current per ft (mA)	Current per meter (mA)	Max Current Driver (mA)	Driver Part Number	Region
LO (Low Output) up to 7 ft or 2.1 m	90	295	700	DRVCC25SS277010	Americas only
LO (Low Output) up to 7 ft or 2.1 m	90	295	700	DRVCC50DALI1CH	Outside of Americas
LO (Low Output) up to 8 ft or 2.4 m	90	295	1400	DRVCC50SS277010	Americas only
LO (Low Output) up to 8 ft or 2.4 m	90	295	1400	DRVCC50DALI1CH	Outside of Americas
SO (Standard Output) up to 3 ft or 1 m	225	738	700	DRVCC25SS277010	Americas only
SO (Standard Output) up to 3 ft or 1 m	225	738	700	DRVCC50DALI1CH	Outside of Americas
SO (Standard Output) up to 6 ft or 1.5 m	225	738	1400	DRVCC50SS277010	Americas only
SO (Standard Output) up to 6 ft or 1.5 m	225	738	1400	DRVCC50DALI1CH	Outside of Americas
SO (Standard Output) up to 8 ft or 2.4 m	225	738	2750	DRVCC95SS277010	Americas only
SO (Standard Output) up to 8 ft or 2.4 m	225	738	2750	DRVCC96DALI1CH	Outside of Americas
HO (High Output) up to 2 ft or 0.5 m	325	1066	700	DRVCC25SS277010	Americas only
HO (High Output) up to 2 ft or 0.5 m	325	1066	700	DRVCC50DALI1CH	Outside of Americas
HO (High Output) up to 4 ft or 1 m	325	1066	1400	DRVCC50SS277010	Americas only
HO (High Output) up to 4 ft or 1 m	325	1066	1400	DRVCC50DALI1CH	Outside of Americas
HO (High Output) up to 8 ft or 2.4 m	325	1066	2750	DRVCC95SS277010	Americas only
HO (High Output) up to 8 ft or 2.4 m	325	1066	2750	DRVCC96DALI1CH	Outside of Americas

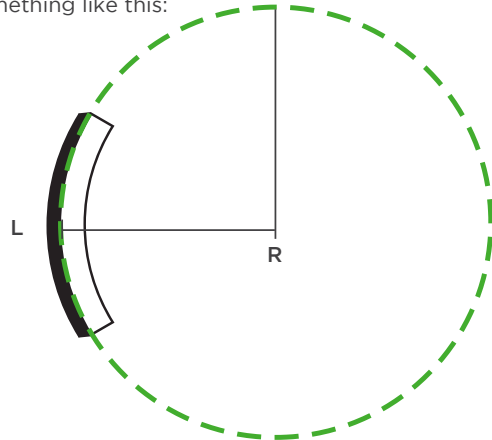
**UNDERSTANDING THE MINIMUM BENDING RADIUS (MAXIMUM CURVATURE)**

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

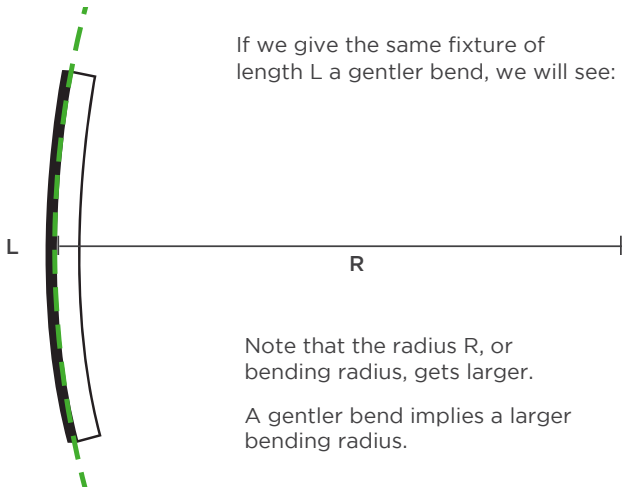
For example, we have a fixture of length L:



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.

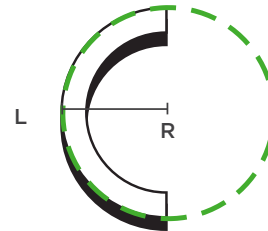


If we give the same fixture of length L a gentler bend, we will see:

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:

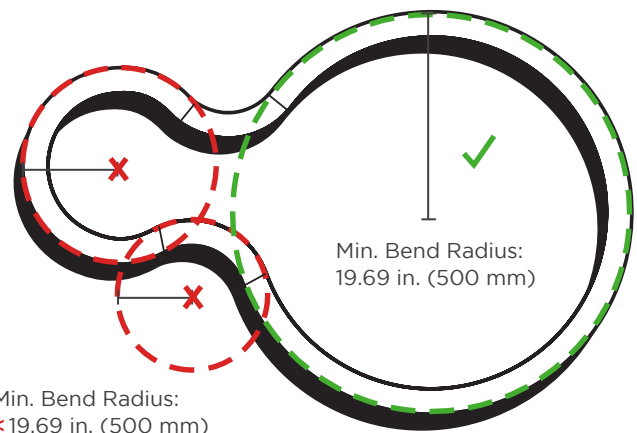


The radius R, or bending radius, gets smaller.  
A sharper bend implies a smaller bending radius.

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.

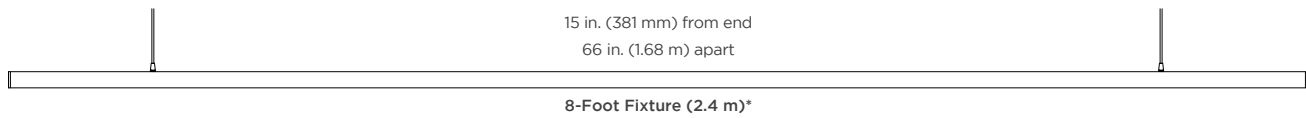
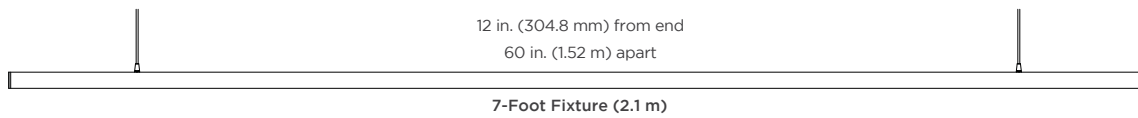
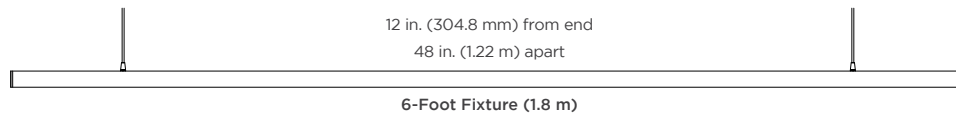
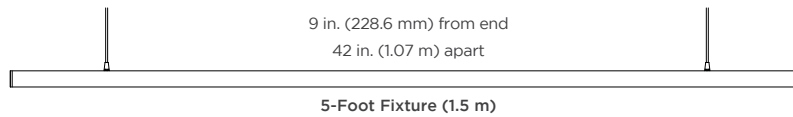
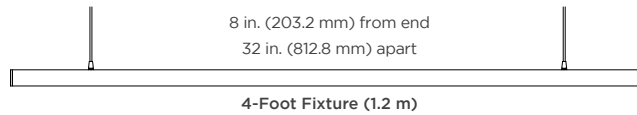
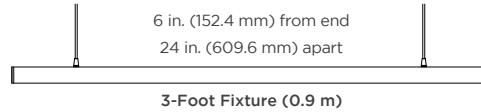
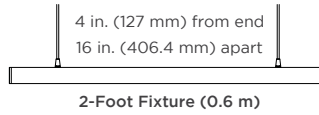
**Scroll50 Pendants have a minimum bending radius of 19.69 in. (500 mm)**

**Minimum Bending Radius = Maximum Curvature**



SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES



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

REV.27APR2026

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