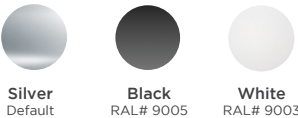


SCROLL50 PENDANT FIXTURE

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.

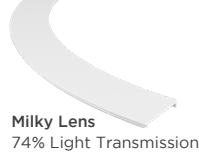
- Pendant or surface mounted fixtures
- Direct or Direct/Indirect (sconce/pendant) lighting option
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 660 lm/ft (2160 lm/m)
- Minimum bending radius: 19.69 in. (500 mm)
- Static White: 0-10V dimming (Dali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

HOUSING FINISHES

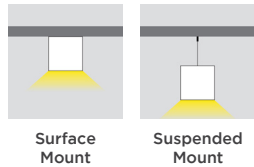


Note: Custom colors available upon request

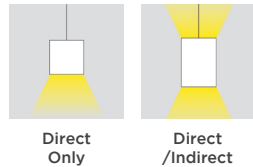
LENS FINISH



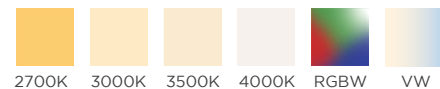
MOUNTING OPTIONS



ILLUMINATION OPTIONS



AVAILABLE COLOR TEMPERATURES & COLORS



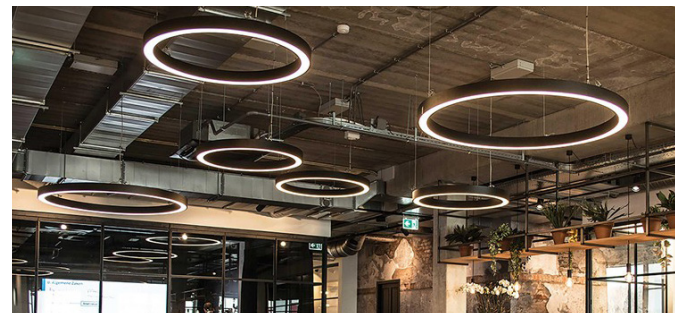
ORDERING GUIDE

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 HO - High Direct Only	P - Suspended S - Surface	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K VW - Variable White (2000K-6500K) RGBW - RGBW (3000K)
	SO-SO - Standard Direct, Standard Indirect SO-HO - Standard Direct, High Indirect HO-SO - High Direct, Standard Indirect HO-HO - High Direct, High Indirect		

Color Temperature and Colors Indirect (If direct lighting only, leave this field blank)	Surface Finish	Run
27 - 2700K	SV - Silver	S - Straight
30 - 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).

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	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 coming soon) RGBW and Variable White: 0-10V VW Driver, DMX
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


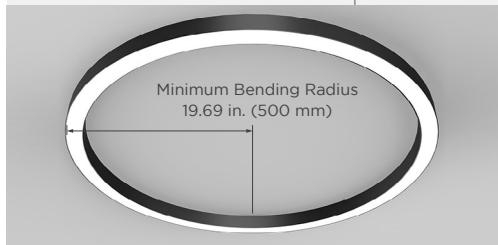
RGBW (3000K)

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>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 #: LLFEEDKITWHTV2 (White)</p> <p>Part #: LLFEEDKITBLKV2 (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>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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AVAILABLE DRIVERS/INTERFACE

	FOR STATIC WHITE MODELS				
	FOR AMERICAS ONLY			FOR OUTSIDE OF AMERICAS	
	0-10V 1% DIMMABLE 25W DRIVER*	0-10V 1% DIMMABLE 50W DRIVER*	0-10V 5% DIMMABLE 95W DRIVER*	CONSTANT CURRENT 50W DRIVER*	CONSTANT CURRENT 96W DRIVER*
Part Number	DRVCC25SS277010	DRVCC50SS277010	DRVCC95SS277010	DRVCC50DALIICH	DRVCC96DALIICH
Compatible Dimming	0-10 V	0-10 V	0-10 V	DALI2.0 / D4i	DALI2.0 / D4i
Output Voltage (VDC)	27 - 54 VDC	27 - 54 VDC	20 - 54 VDC	9 - 52 V	9 - 54 V
Output Wattage	25 W	50 W	95 W	50 W	96 W
Output Current	0.1 - 0.7 A	0.1 - 1.4 A	0.1 - 2.75 A	100 - 1400 mA (Default Current: 400 mA)	100 - 2800 mA (Default Current: 700 mA)
Input Voltage Range (VAC)	120 - 277 VAC	120 - 277 VAC	120 - 277 VAC	120 - 277 VAC	120 - 277 VAC
Input Current (A)	0.25 A (120 VAC) / 0.13 A (230 VAC) / 0.11 A (277 VAC)	0.48 A (120 VAC) / 0.25 A (230 VAC) / 0.21 A (277 VAC)	0.89 A (120 VAC) / 0.53 A (230 VAC) / 0.38 A (277 VAC)	0.6 A (120 VAC) / 0.28 A (277 VAC)	1 A (120 VAC) / 0.5 A (230 VAC) / 0.5 A (277 VAC)
Input Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Max Input Power (W)	31 W	58 W	110 W	--	--
Efficiency @ Max Load	83 (120 VAC) / 85 (277 VAC)	86 (120 VAC) / 88 (277 VAC)	88 (120 VAC) / 89 (277 VAC)	≥87% (120 VAC) / ≥88% (277 VAC)	≥88% (120 VAC) / ≥90% (230 VAC) / ≥90% (277 VAC)
Max Input Current	0.25 A	0.48 A	0.89 A	0.60 A	1 A
THD @ Max Load	< 10% (120 VAC) < 15% (277 VAC)	< 10% (120 VAC) < 15% (277 VAC)	< 10% (120 VAC) < 15% (277 VAC)	≤10% (120 VAC)	<10% (120 VAC)
Power Factor @ Max Load	> 0.95	> 0.95	> 0.95	≥0.95 (120 VAC) / 0.90 (277 VAC)	≥0.95
Surge Protection (Combi-Wave, KV)	2.5	2.5	6	L-N 2500VAC L&N-PE 2500VAC	L-N 2500VAC L&N-PE 2500VAC
Expected Life Time	50,000 hours (< 65 °C)	50,000 hours (< 65 °C)	50,000 hours (< 65 °C)	50,000 hours (< 65 °C)	50,000 hours (< 65 °C)
Operating Temperature	-4 - 122 °F (-20 - 50 °C)	-4 - 122 °F (-20 - 50 °C)	-40 - 131 °F (-40 - 55 °C)	-4 - 122 °F (-20 - 50 °C)	-4 - 122 °F (-20 - 50 °C)
Safety Standards	UL8750, UL991, CSA250.13-14, C22.2 No. 0.8-12, CSA Class P, ETL Class P, UL2043 Plenum Rating	UL8750, UL991, CSA250.13-14, C22.2 No. 0.8-12, CSA Class P, ETL Class P, UL2043 Plenum Rating	UL8750, UL1310, CSA, UL Class P	CE - EN61347-1:2015+A1:2021, EN61347-2-13:2024, EN55015:2019	CE - EN61347-1:2015+A1:2021, EN61347-2-13:2024, EN55015:2019
Weight	0.44 lbs (0.2 kgs)	0.9 lbs (0.41 kgs)	1.5 lbs (0.68 kgs)	0.57 lbs (0.26 kgs)	0.77 lbs (0.35 kgs)
Dimensions (L x W x H)	4.21 x 2.38 x 0.98 in. (107 x 60 x 25 mm)	4.21 x 3.01 x 1.18 in. (107 x 76.4 x 30 mm)	8.37 x 1.7 x 1.14 in. (213 x 43 x 29 mm)	11.02 x 1.18 x 0.83 in. (280 x 30 x 21 mm)	14.17 x 1.18 x 0.83 in. (360 x 30 x 21 mm)

	FOR VARIABLE WHITE MODELS	FOR RGBW MODELS	
	0-10V DIMMABLE 90W VW/WD DRIVER*	5 CHANNEL DMX DECODER	24V NON-DIMMING UL LISTED ELECTRONIC DRIVERS*
Part Number	DRVRFWDVW2490120	DMXINF5	DRVW2496
Compatible Dimming	0-10 V	DIM/CT/RGB/RGBW/RGBWY	--
Output Voltage (VDC)	24 VDC	12-24 VDC	24 VDC
Output Wattage	90 W	--	96 W
Output Current	3.75 A	8 A/channel output (x 5 channels)	4.1 A
Input Voltage Range (VAC)	100 - 277 VAC	12-24 VDC	120 - 277 VAC
Input Frequency	50 / 60 Hz	--	50 / 60 Hz
Efficiency @ Max Load	89%	--	> 87% Max.
Operating Temperature	-86 - 104 °F (-20 - 50 °C)	-86 - 104 °F (-20 - 50 °C)	-13 - 104 °F (-25 - 40 °C)
Safety Standards	UL8750 + UL1310	CE, UL Recognized	UL, CLASS P
Dimensions (L x W x H)	8.4 x 4.1 x 1.5 in. (213 x 104 x 38 mm)	6.3 x 2.44 x 1.28 in. (160 x 62 x 32.6 mm)	12.1 x 2.36 x 1.4 in. (307 x 60 x 36 mm)

* 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.

DRIVER MATRIX

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	DRVCC50DALIICH	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	DRVCC50DALIICH	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	DRVCC50DALIICH	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	DRVCC50DALIICH	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	DRVCC96DALIICH	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	DRVCC50DALIICH	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	DRVCC50DALIICH	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	DRVCC96DALIICH	Outside of Americas

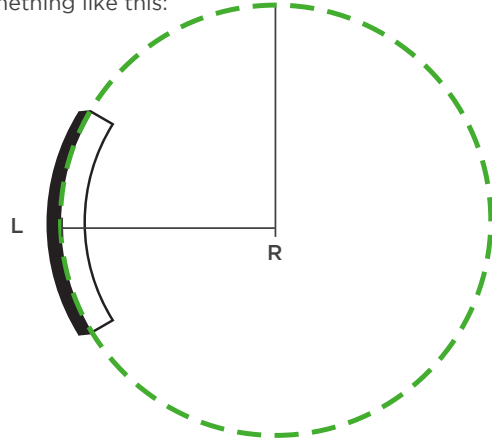
UNDERSTANDING THE MINIMUM BENDING RADIUS (MAXIMUM CURVATURE)

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

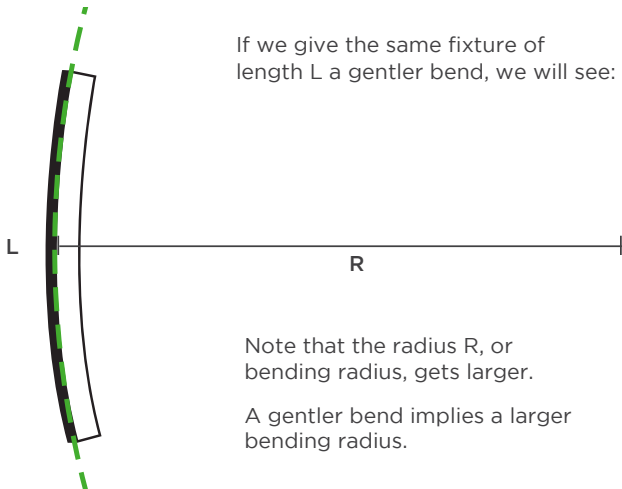
For example, we have a fixture of length L:



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.

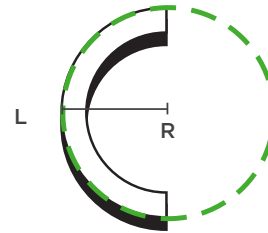


If we give the same fixture of length L a gentler bend, we will see:

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:

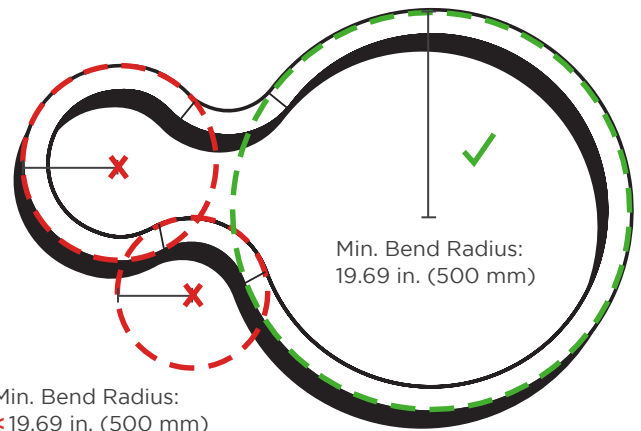


The radius R, or bending radius, gets smaller.
A sharper bend implies a smaller bending radius.

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.

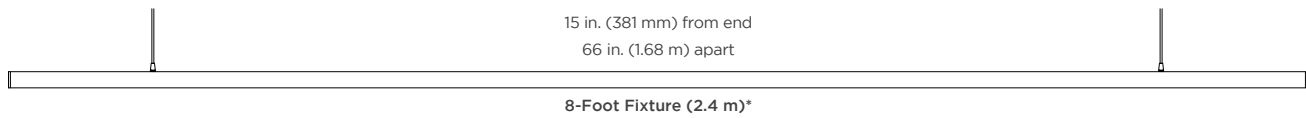
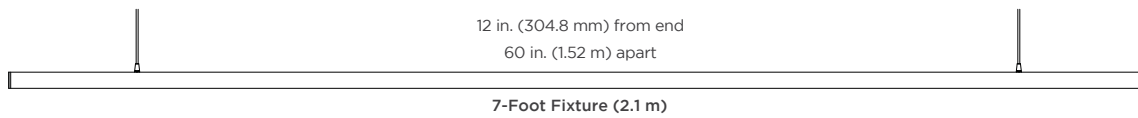
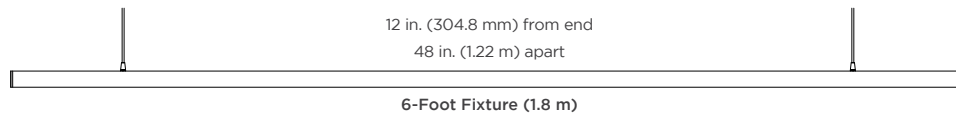
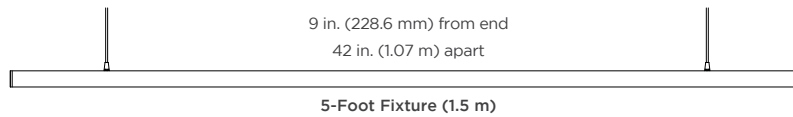
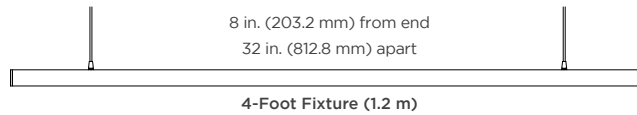
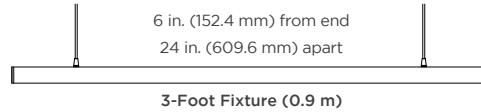
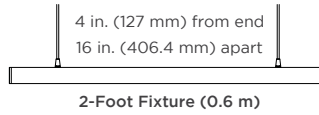
Scroll50 Pendants have a minimum bending radius of 19.69 in. (500 mm)

Minimum Bending Radius = Maximum Curvature



SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES



NOTE: Each section requires its own driver.

REV.22APR2026

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