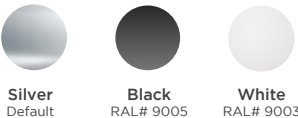


SCROLL80S PENDANT FIXTURE

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.

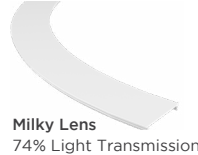
- Create side-illuminated pendant or surface mounted fixtures
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 1120 lm/ft (3674 lm/m)
- Minimum bending radius: 13.78 in. (350 mm)
- Static White: 0-10V, DALI
- RGBW and Variable White: 0-10V VW Driver, DMX, DALI, Casambi
- Compatible with DMX controls
- Standard silver finish
- Special order Black, White or custom RAL

HOUSING FINISHES

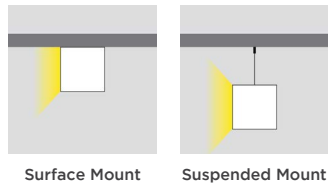


Note: Custom colors available upon request

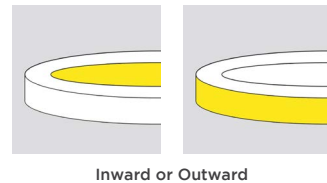
LENS FINISH



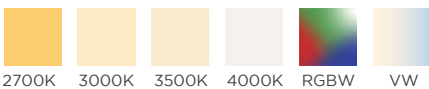
MOUNTING OPTIONS



ILLUMINATION OPTIONS



AVAILABLE COLOR TEMPERATURES & COLORS



ORDERING GUIDE

Fixture Length	Illumination Direction	Output (VW and RGBW in Standard Output only)	Mounting Type*
SL80			
SL80 - Scroll80S Side Illuminated Fixture	I - Inward O - Outward	SO - Standard Direct Only HO - High Direct Only	P - Suspended Pendant S - Surface
Color Temperature and Colors	Surface Finish	Run	
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).



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		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)
	7.3 W/ft (24 W/m)	14.6 W/ft (48 W/m)	12.8 W/ft (42 W/m)	6.4 W/ft (21 W/m)	6.4 W/ft (21 W/m)	14.6 W/ft (48 W/m)	3.7 W/ft (12 W/m)	3.7 W/ft (12 W/m)	3.7 W/ft (12 W/m)	3.7 W/ft (12 W/m)
Voltage	Constant Current			24V Constant Voltage						
Lumens	600 lm/ft (1968 lm/m)	1120 lm/ft (3674 lm/m)	450 lm/ft (1476 lm/m)	210 lm/ft (689 lm/m)	175 lm/ft (574 lm/m)	325 lm/ft (1066 lm/m)	40 lm/ft (131 lm/m)	85 lm/ft (279 lm/m)	20 lm/ft (66 lm/m)	105 lm/ft (344 lm/m)
Lumens/Watt	82 lm/W	76 lm/W	35 lm/W	33 lm/W	27 lm/W	22 lm/W	10 lm/W	23 lm/W	5 lm/W	29 lm/W
CRI	90+									
Certifications	UL, CE, RoHS									

ACCESSORIES

<p>Coupler</p> <p>Part #: SLS80COUP</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) Part #: LLFEEDKITBLKV2 (Black)</p> 
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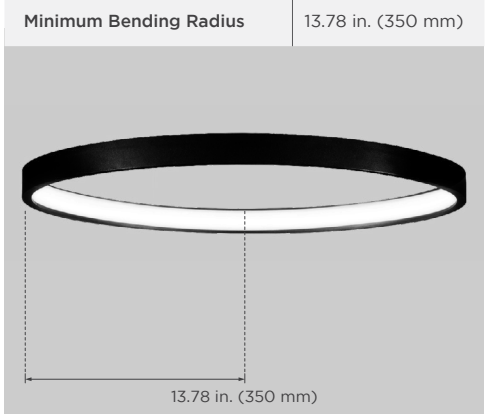
DIMENSIONS

SCROLL80S



Width: 1.18 in. (30 mm)
Height: 3.15 in. (80 mm)
Length: Up to 6 ft 6.7 in. (2 m)

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




Minimum Bending Radius: 13.78 in. (350 mm)

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

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.

AVAILABLE DRIVERS/INTERFACE

<p>0-10V Constant Current For Static White models (Americas only)</p>  <p>0-10V 1% Dimmable 25W & 50W Drivers</p> <p>Part No.: DRVCC25SS277010 (25 W) DRVCC50SS277010 (50 W)</p> <p>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>Constant Current DALI For Static White models (outside of Americas)</p>  <p>50W & 96W Constant Current DALI Driver</p> <p>Part No.: DRVCC50DALI1CH (50 W) DRVCC96DALI1CH (96 W)</p> <p>20-54 VDC 120-277 VAC UL8750, UL1310, CSA, UL Class P</p> <p>Part No.: DRVCC50DALI1CH (50 W) DRVCC96DALI1CH (96 W)</p> <p>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>CASAMBI Compatible For Variable White, Warm Dim & RGB models (all regions)</p>  <p>100W & 200W Casambi Compatible 4 Channel Drivers</p> <p>Part No.: • DRVW24100CAS4CH (100 W) • DRVW24200CAS4CH (200 W)</p> <p>24 VDC 100-277 VAC UL Listed, CE, RoHS, Bluetooth, CASAMBI</p>		
<p>0-10V VW/WD For Variable White & Warm Dim models (Americas only)</p>  <p>0-10V Dimmable 90W VW/WD Driver</p> <p>Part No.: DRVRFWDVW2490120</p> <p>24 VDC 100-277 VAC UL 8750 + UL 1310</p>	<p>DALI-2 (2 channel) For Variable White & Warm Dim models (outside of Americas)</p>  <p>150W DALI-2 Dimmable 2 Channel Driver</p> <p>Part No.: DRV24150DALI2CH</p> <p>24 VDC 120-277 VAC CE, CB, ENEC (25), DALI2.0</p>	<p>0-10V/ELV/MLV 3-in-1 For RGBW models (Americas only)</p>  <p>60W, 96W, 288W 0-10V/ELV/MLV 3-in-1 Dimmable Drivers</p> <p>Part No.: DRVW2460TRI010 (60 W) DRVW2496TRI010 (96 W) DRVW24288TRI010 (288 W)</p> <p>24 VDC 120-277 VAC UL8750, UL1310, IEC 61000-4-2-3-4-5-6-8-11</p>	<p>DALI-2 (4 channel) For RGBW models (outside of Americas)</p>  <p>150W DALI-2 Dimmable 4 Channel Drivers</p> <p>Part No.: DRV24150DALI4CH</p> <p>24 VDC 120-277 VAC CE, CB, ENEC (25), DALI2.0</p>	<p>Interface For RGBW models (all regions)</p>  <p>5 Channel DMX Decoder</p> <p>Part No.: DMXINF5</p> <p>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 Scroll80S 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

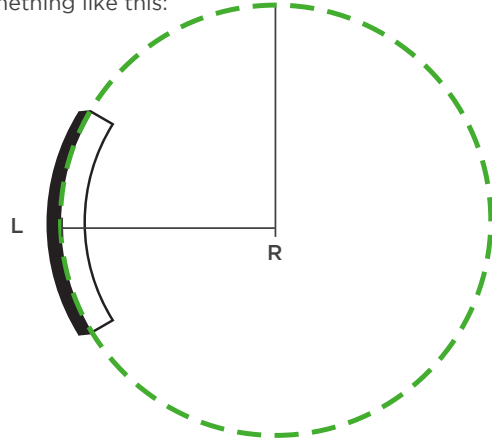
UNDERSTANDING THE MINIMUM BENDING RADIUS (MAXIMUM CURVATURE)

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

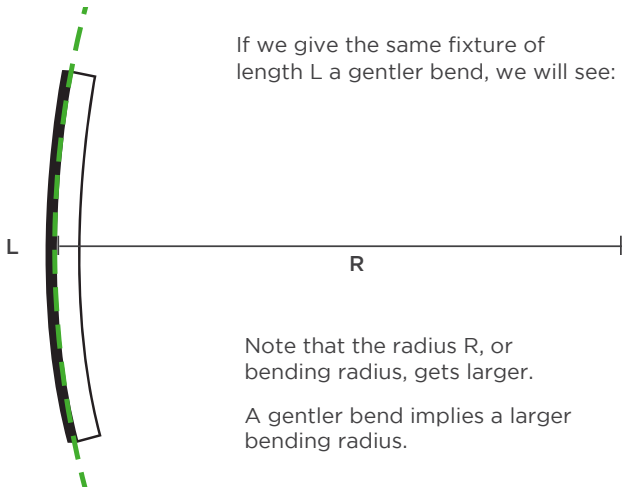
For example, we have a fixture of length L:



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.

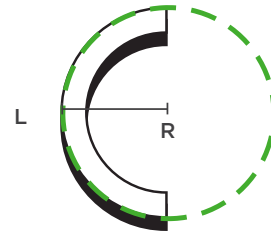


If we give the same fixture of length L a gentler bend, we will see:

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:

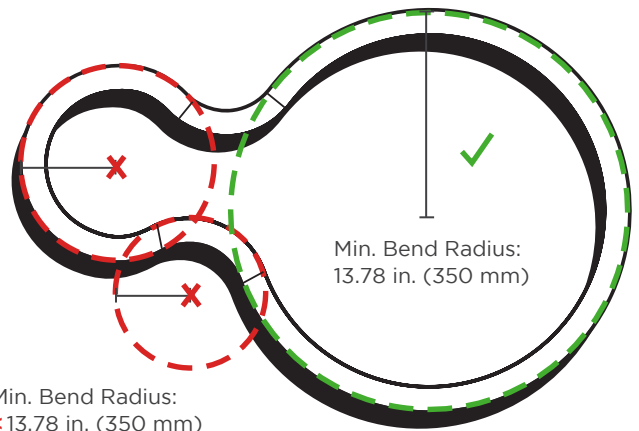


The radius R, or bending radius, gets smaller.
A sharper bend implies a smaller bending radius.

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.

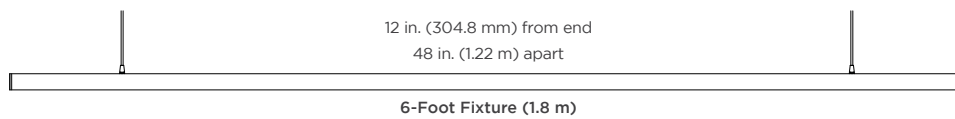
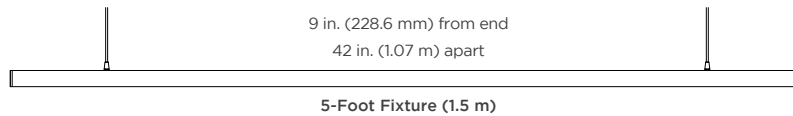
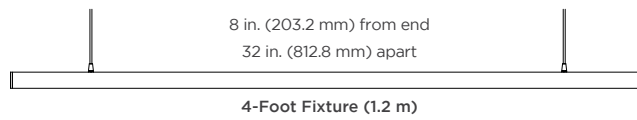
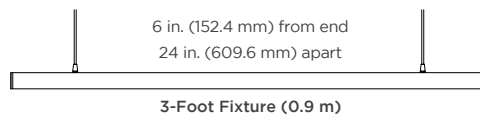
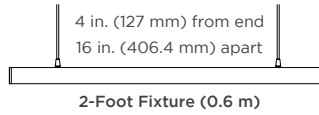
Scroll80S Pendants have a minimum bending radius of 13.78 in. (350 mm)

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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