GEN LED acolyte® Architectural Lighting Solutions

Date | Project

Notes

SCROLL35S 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.

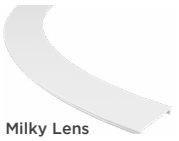
- Create side-illuminated pendant or surface mounted fixtures
- Available in 2700K, 3000K, 3500K, 4000K, Variable White, RGBW
- Static White high output models at 555 lm/ft (1820 lm/m)
- Minimum bending radius: 11.81 in. (300 mm)
- Static White: 0-10V, DALI
- RGBW and Variable White: 0-10V VW Driver, DMX, DALI, Casambi
- Compatible with DMX controls
- Standard silver finish
- Special order Black, White or custom RAL

HOUSING FINISHES

Silver Default | **Black** RAL# 9005 | **White** RAL# 9003

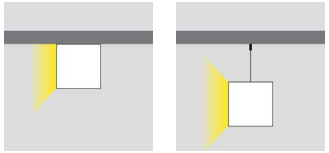
Note: Custom colors available upon request

LENS FINISH



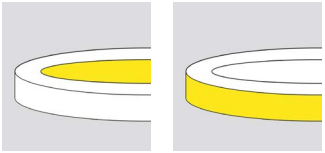
Milky Lens
74% Light Transmission

MOUNTING OPTIONS

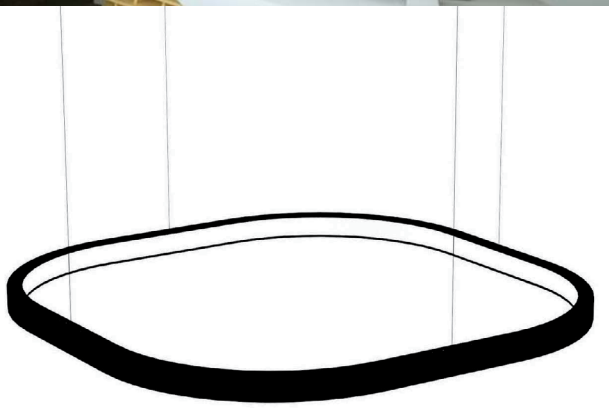


Surface Mount | **Suspended Mount**

ILLUMINATION OPTIONS



Inward or Outward



AVAILABLE COLOR TEMPERATURES & COLORS

2700K | 3000K | 3500K | 4000K | RGBW | VW

UL | CE | **RoHS** | **IP20**

ORDERING GUIDE

Fixture Length	Illumination Direction	Output (VW and RGBW in Standard Output only)	Mounting Type*
SL35			
SL35 - Scroll35S Side Illuminated Fixture	**I** - Inward	**SO** - Standard Direct Only	**P** - Suspended Pendant
	O - Outward	**HO** - High Direct Only	**S** - Surface

Color Temperature and Colors		Surface Finish	Run
27 - 2700K	**40** - 4000K	**SV** - Silver	**S** - Straight
30 - 3000K	**VW** - Variable White (2000K-6500K)	**BK** - Black	**C** - Curved
35 - 3500K	**RGBW** - RGBW (3000K)	**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

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.

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.

SPECIFICATIONS

Beam Angle	110°									
Lens Type	Milky Lens (PMMA)									
Length	Channel max lengths are 8 ft 2.4 in. (2.5 m) / 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 4.3 W/ft (14 W/m)	High Output 8.5 W/ft (28 W/m)	All On 4.3 W/ft (14 W/m)	Cool White (6500K) 2.1 W/ft (7 W/m)	Warm White (2000K) 2.1 W/ft (7 W/m)	All On 8.5 W/ft (28 W/m)	Red 2.1 W/ft (7 W/m)	Green 2.1 W/ft (7 W/m)	Blue 2.1 W/ft (7 W/m)	White (3000K) 2.1 W/ft (7 W/m)
Voltage	Constant Current		24V Constant Voltage							
Lumens	300 lm/ft (984 lm/m)	555 lm/ft (1820 lm/m)	90 lm/ft (295 lm/m)	35 lm/ft (115 lm/m)	30 lm/ft (98 lm/m)	150 lm/ft (492 lm/m)	15 lm/ft (49 lm/m)	30 lm/ft (98 lm/m)	5 lm/ft (16 lm/m)	40 lm/ft (131 lm/m)
Lumens/Watt	71 lm/W	65 lm/W	21 lm/W	16 lm/W	13 lm/W	18 lm/W	7 lm/W	15 lm/W	3 lm/W	19 lm/W
CRI	90+									
Certifications	UL, CE, RoHS									

ACCESSORIES

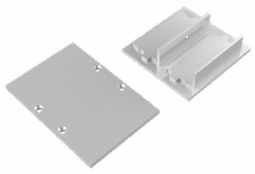
Coupler

Part #: SLS35COUP

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)

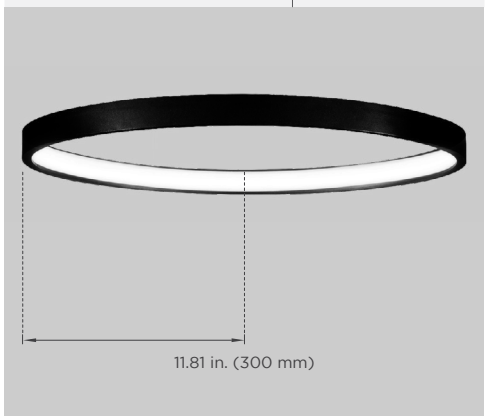
DIMENSIONS

SCROLL35S

Width: 0.97 in. (24.6 mm)
Height: 1.38 in. (35 mm)
Length: Up to 8 ft 2.4 in. (2.5 m)

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

Minimum Bending Radius	11.81 in. (300 mm)



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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AVAILABLE DRIVERS/INTERFACE

0-10V Constant Current
For Static White models
(Americas only)

0-10V 1% Dimmable
25W & 50W Drivers

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

0-10V 5% Dimmable
95W Drivers

Part No.:
DRVCC95SS277010

20-54 VDC
120-277 VAC
UL8750, UL1310, CSA, UL Class P

Constant Current DALI
For Static White models
(outside of Americas)

50W & 96W Constant Current
DALI Driver

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

CASAMBI Compatible
For Variable White, Warm Dim & RGBW models
(all regions)

100W & 200W Casambi Compatible
4 Channel Drivers

Part No.:
- DRVW24100CAS4CH (100 W)
- DRVW24200CAS4CH (200 W)

24 VDC
100-277 VAC
UL Listed, CE, RoHS, Bluetooth, CASAMBI

0-10V VW/WD
For Variable White & Warm Dim models
(Americas only)

0-10V Dimmable
90W VW/WD Driver

Part No.:
DRVRFWDVW2490120

24 VDC
100-277 VAC
UL 8750 + UL 1310

DALI-2 (2 channel)
For Variable White & Warm Dim models
(outside of Americas)

150W DALI-2 Dimmable
2 Channel Driver

Part No.:
DRV24150DALI2CH

24 VDC
120-277 VAC
CE, CB, ENEC (25), DALI2.0

0-10V/ELV/MLV 3-in-1
For RGBW models
(Americas only)

60W, 96W, 288W 0-10V/ELV/MLV
3-in-1 Dimmable Drivers

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

DALI-2 (4 channel)
For RGBW models
(outside of Americas)

150W DALI-2 Dimmable
4 Channel Drivers

Part No.:
DRV24150DALI4CH

24 VDC
120-277 VAC
CE, CB, ENEC (25), DALI2.0

Interface
For RGBW models
(all regions)

5 Channel DMX Decoder

Part No.:
DMXINF5

12-24 VDC
CE, UL Recognized

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 Scroll35S product page for more details.

DRIVER MATRIX (for Static White models only)

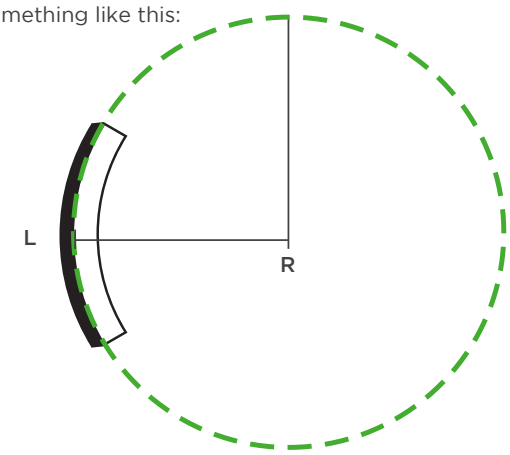
Length	Current per ft (mA)	Current per meter (mA)	Max Current Driver (mA)	Driver Part Number	Region
LO (Low Output) up to 7 ft or 2.1 m	90	295	700	DRVCC25SS277010	Americas only
LO (Low Output) up to 7 ft or 2.1 m	90	295	700	DRVCC50DALI1CH	Outside of Americas
LO (Low Output) up to 8 ft or 2.4 m	90	295	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)

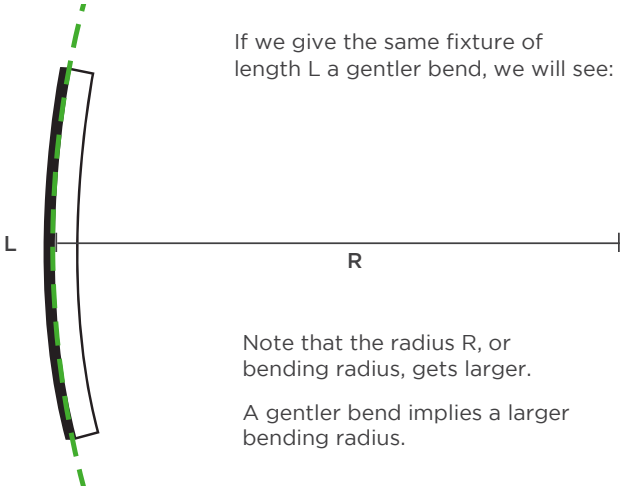
The bending radius of a curve is the radius of the circle that would exist if the curve were extended to form a circle.

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.

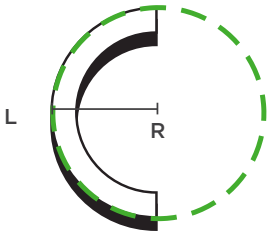


If we give the same fixture of length L a gentler bend, we will see:

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

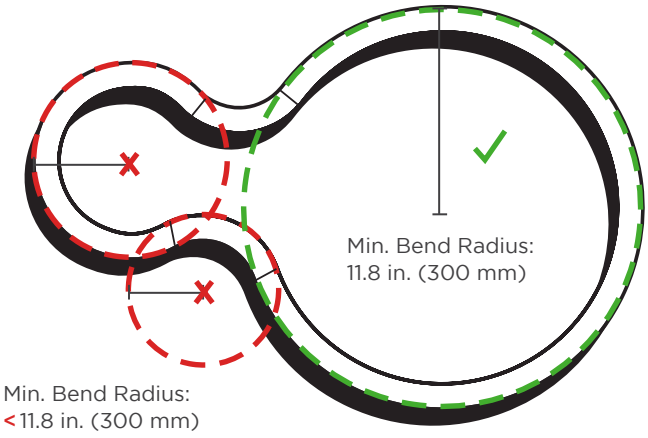
A gentler bend implies a larger bending radius.

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.

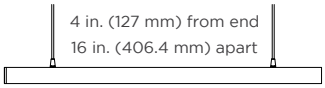


Scroll35S Pendants have a minimum bending radius of 11.81 in. (300 mm)

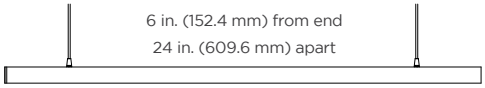
Minimum Bending Radius = Maximum Curvature

SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES

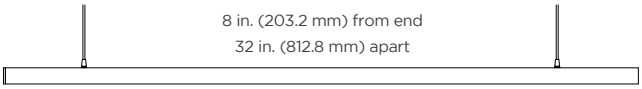
SUGGESTED SUSPENSION WIRE SEPARATED DISTANCES



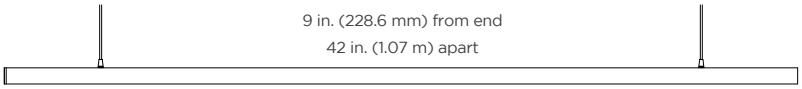
2-Foot Fixture (0.6 m)



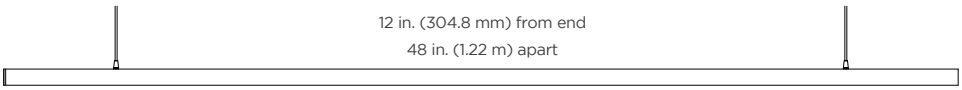
3-Foot Fixture (0.9 m)



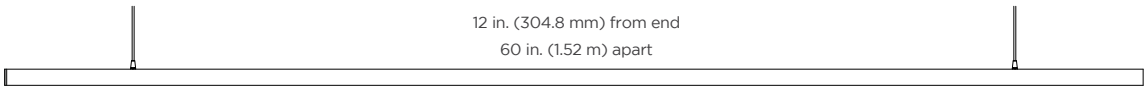
4-Foot Fixture (1.2 m)



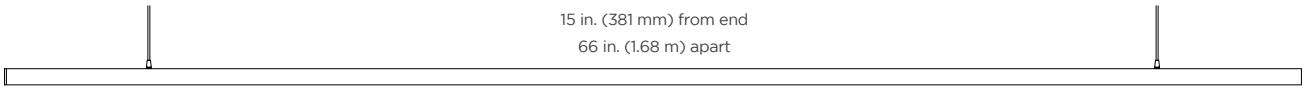
5-Foot Fixture (1.5 m)



6-Foot Fixture (1.8 m)



7-Foot Fixture (2.1 m)



8-Foot Fixture (2.4 m)*

NOTE: Each section requires its own driver.

REV.27APR2026

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