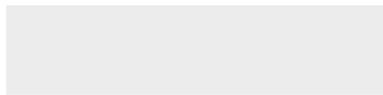
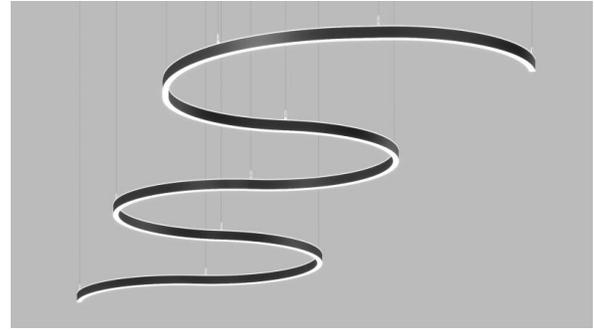


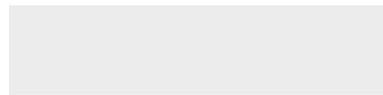


# MICRO SQUIGGLE™

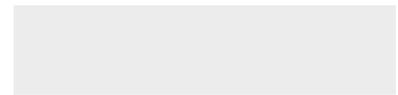
## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

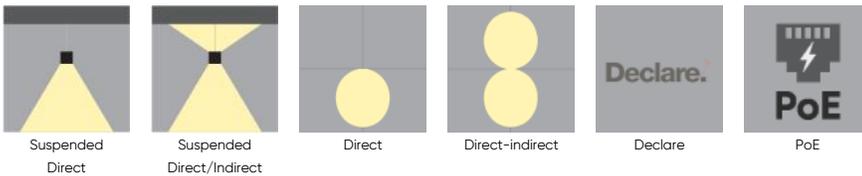


QUANTITIES

### 1 DESCRIPTION

**MICRO SQUIGGLE** adapts to your space with fluid versatility. This highly customizable curvilinear lighting system features a sleek 1" aperture and integrates seamlessly with architectural design. With a variety of curves, straight sections, and joiners, it allows you to create unique configurations that wrap around structural elements, enhancing the space's architectural expression while meeting your specific design needs. **MICRO SQUIGGLE's** multi-tiered form enhances depth and integrates effortlessly into any space. Designed for visual impact, **MICRO SQUIGGLE's** sinuous lines bring sculptural lighting into focus. Its soft, continuous glow enriches the atmosphere with warmth and sophistication. As a versatile fixture, it is available in direct-only or direct-indirect options. With its organic form and seamless glow, **MICRO SQUIGGLE** transforms the ceiling into a dynamic design element. Its curving silhouette enhances both aesthetics and functionality.

### 2 OPTICS & FEATURES



### 3 APPROVALS



**4** GENERAL SPECIFICATION

**BODY AND TRIM**

Steel and aluminum.

**FINISH**

Powder coated for standard finishes.

**LENS**

Protruding Lens 0.08" (2.1mm)

**DRIVERS**

Remote, HPF electronic drivers for 120-277V, 347V (EU-240V) dimming. Wire size 18 AWG – max distance (from fixture to drivers) 40' (12.2m), wire size 16 AWG – max distance 60' (18.3m), wire size 14 AWG – max distance 90' (27.4m). Drivers must be accessible after installation. Drivers are either remote mounted or integral to the canopy depending on the size of the fixture. For longer remote distances, consult factory.

**MECHANICAL**

Luminaires mount directly over J box (by others – North America only).

**REMOTE EMERGENCY**

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The remote system includes the inverter module, NiCad batteries and a remote wall/ceiling LED charge indicator and test switch (NA only) Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied).

**L70 @25°C**

> 60,000 hrs.

**SEISMIC BRACING**

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

**POWER CABLE**

Silver braided.

**SUSPENSION**

Steel cables.

**CORNER RADIUS**

Minimum corner radius is 6 inches

**ELECTRICAL**

Luminaires are pre-wired with a factory installed branch circuit wiring with quick connectors. Through wiring is used to connect individual luminaires.

**POE**

Squiggle can integrate into your data network via Power over Ethernet (PoE) connectivity.

**DELIVERED LUMENS**

Delivered lumens & LPW based on 4000K (min 80 CRI).

**APPROVALS**

Damp Rated.

**SUSTAINABILITY**

Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

**5 DESIGN OPTIONS**

**FIXTURE FINISH**



White

Black  
Metallic -  
Textured

Silver  
Metallic -  
Textured

Gold Metallic  
- Textured

Midnight  
Blue Metallic  
- Textured

Copper  
Metallic

Charcoal  
Metallic -  
Textured

Bronze  
Metallic -  
Textured



Champagne  
Metallic

**CANOPY FINISH**



White

Black  
Metallic -  
Textured

Silver  
Metallic -  
Textured

Gold Metallic  
- Textured

Midnight  
Blue Metallic  
- Textured

Copper  
Metallic

Charcoal  
Metallic -  
Textured

Bronze  
Metallic -  
Textured



Champagne  
Metallic

**6 HOW TO ORDER**

**1. LUMINAIRE**

**MQUG** Pendant

**2. DIRECTION**

**DT1** Direct

**DT2** Direct/Indirect

**3. SECTION TYPES**

**SCA16** Curve 16"

**SCA30** Curve 30"

**SCA42** Curve 42"

**SCA48** Curve 48"

**SCA54** Curve 54"

**SCA72** Curve 72"

**SCB28** Straight 28"

**SCB36** Straight 36"

**SCB47** Straight 47"

**SCB72** Straight 72"

**SCB95** Straight 95"

**SCC01** Cross Section

**SCD01** Corner Section

**SCE01** T Section

**CST01** Custom Shape Required

Select from one of the sections. Each section is to be ordered as a separate line item.

**4. END CAP**

**ENC00** Not required

**ENC\_ \_** End Cap

**5. LUMENS (DIRECT)**

**LPF017** 175 lm/ft

**LPF026** 260 lm/ft

**LPF035** 350 lm/ft

**6. LUMENS (INDIRECT)**

**LPG000** Not required

**LPG017** 175 lm/ft

**LPG026** 260 lm/ft

**LPG035** 350 lm/ft

**7. CRI**

**CR80** CRI 80+

**CR90** CRI 90+

**8. CCT (DIRECT)**

**CTA27** 2700K

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

**9. CCT (INDIRECT)**

**CTB00** Not required

**CTB27** 2700K

**CTB30** 3000K

**CTB35** 3500K

**CTB40** 4000K

**10. VOLTAGE**

**V1** 120/277V

**V2** 240V <sup>1</sup>

**V3** 347V <sup>2</sup>

**V4** Low Voltage <sup>3</sup>

<sup>1</sup> Not available in North America. <sup>2</sup> Only available with DA01 dimming. <sup>3</sup> Only available with DA45 dimming.

## 11. DIMMING

**DA01** 0-10V Dimming 1.0%      **DA02** 0-10V Dimming 0.1% <sup>1</sup>      **DA20** DALI Dimming 0.1% <sup>1</sup>      **DA21** DALI Dimming 1.0% <sup>1</sup>  
**DA45** PoE <sup>3</sup>

<sup>1</sup> Not available with V3. <sup>2</sup> Not available in North America. <sup>3</sup> Available with V4 only.

## 12. SUSPENSION

**SS1** Vertical, Remote driver      **SS3** Vertical, Integral driver

## 13. FIXTURE FINISH

**FA01** White      **FA02** Black Metallic – Textured      **FA20** Silver Metallic – Textured      **FA25** Gold Metallic – Textured  
**FA44** Midnight Blue Metallic – Textured      **FA45** Copper Metallic      **FA46** Charcoal Metallic – Textured      **FA47** Bronze Metallic – Textured  
**FA52** Champagne Metallic

## 14. CANOPY FINISH

**CF01** White      **CF02** Black Metallic – Textured      **CF20** Silver Metallic – Textured      **CF25** Gold Metallic – Textured  
**CF44** Midnight Blue Metallic – Textured      **CF45** Copper Metallic      **CF46** Charcoal Metallic – Textured      **CF47** Bronze Metallic – Textured  
**CF52** Champagne Metallic

## 15. EMERGENCY SECTIONS

**E0** Not required      **E2** Emergency system – Remote <sup>1</sup>

<sup>1</sup> Consult factory.

Note: a drawing will be required at time of ordering to determine the required location of the emergency sections.

## 16. CIRCUITS

**CS1** Single circuit      **CS2** Dual circuit

**7 TECHNICAL DATA**

**SECTION TYPES**

Select from one of the sections. Each section is to be ordered as a separate line item.

<b>Code</b>	<b>SCA16</b>	<b>SCA30</b>	<b>SCA42</b>	<b>SCA48</b>	<b>SCA54</b>	<b>SCA72</b>
<b>Section Type</b>	Curved	Curved	Curved	Curved	Curved	Curved
<b>Arc°</b>	90°	90°	120°	120°	120°	90°
<b>Radius</b>	16"	30"	42"	48"	54"	72"
<b>Length</b>						
<b>Code</b>	<b>SCB28</b>	<b>SCB36</b>	<b>SCB47</b>	<b>SCB72</b>	<b>SCB95</b>	<b>SCC01</b>
<b>Section Type</b>	Straight	Straight	Straight	Straight	Straight	Cross
<b>Arc°</b>						
<b>Radius</b>						
<b>Length</b>	28"	36"	47"	72"	95"	23.5"
<b>Code</b>	<b>SCD01</b>	<b>SCE01</b>	<b>CST01</b>			
<b>Section Type</b>	Corner	T				
<b>Arc°</b>						
<b>Radius</b>						
<b>Length</b>	12"	35"				

**8 PERFORMANCE DATA**

<b>Curved SCA 16</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>Curved SCA 30</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF 017	350	5	70	LPF 017	675	10	70
LPF 026	550	8	68	LPF 026	1000	15	68
LPF 035	700	11	67	LPF 035	1350	20	67

<b>Curved SCA 42</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>Curved SCA 48</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF 017	1250	18	70	LPF 017	1400	20	70
LPF 026	1850	27	68	LPF 026	2125	31	68
LPF 035	2500	37	67	LPF 035	2850	42	67

<b>Curved SCA 54</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>	<b>Curved SCA 72</b>	<b>Lumens</b>	<b>Watts</b>	<b>LPW</b>
LPF 017	1600	23	70	LPF 017	1600	23	70
LPF 026	2400	35	68	LPF 026	2400	35	68
LPF 035	3200	48	67	LPF 035	3200	48	67

Straight SCB 28				Straight SCB 36			
	Lumens	Watts	LPW		Lumens	Watts	LPW
LPF 017	400	6	70	LPF 017	500	7	70
LPF 026	600	9	68	LPF 026	775	11	68
LPF 035	800	12	67	LPF 035	1025	15	67

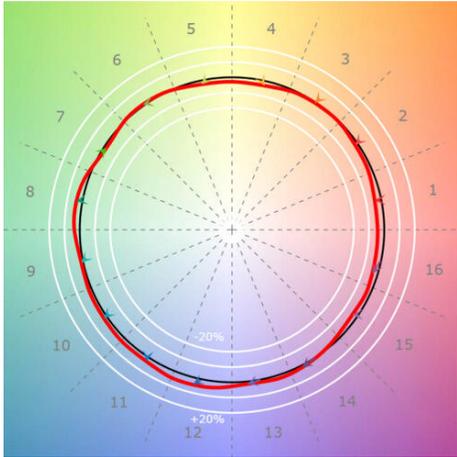
Straight SCB 47				Straight SCB 72			
	Lumens	Watts	LPW		Lumens	Watts	LPW
LPF 017	675	10	70	LPF 017	1025	15	70
LPF 026	1000	15	68	LPF 026	1550	23	68
LPF 035	1350	20	67	LPF 035	2050	31	67

Straight SCB 95				Corner SCD 01			
	Lumens	Watts	LPW		Lumens	Watts	LPW
LPF 017	1350	19	70	LPF 017	325	5	70
LPF 026	2025	30	68	LPF 026	500	7	68
LPF 035	2700	40	67	LPF 035	650	10	67

Cross SCC 01				T Section SCE 01			
	Lumens	Watts	LPW		Lumens	Watts	LPW
LPF 017	650	9	70	LPF 017	800	11	69
LPF 026	975	14	68	LPF 026	1175	17	68
LPF 035	1300	19	67	LPF 035	1575	23	67

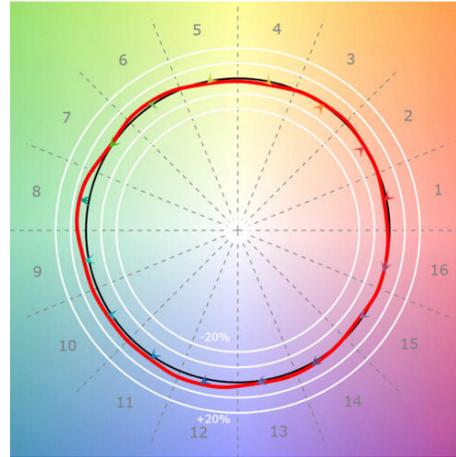
9 TM-30 DATA

**CCT 2700K**



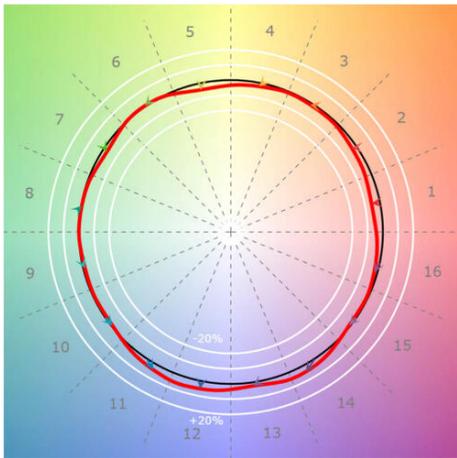
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	58
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	99
<b>Duv</b>	0.0004

**CCT 3000K**



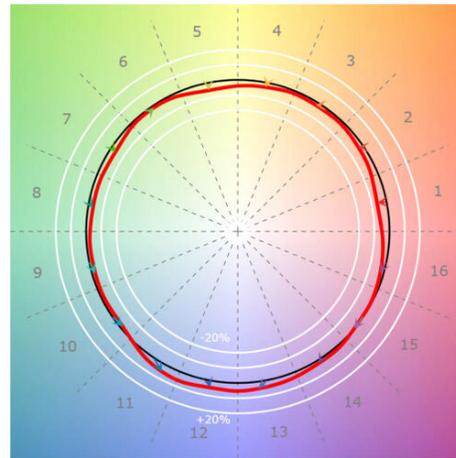
<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	75
<b>TM30(Rf)</b>	93
<b>TM30(Rg)</b>	102
<b>Duv</b>	-0.0001

**CCT 3500K**



<b>CRI(Ra)</b>	94
<b>CRI(R9)</b>	53
<b>TM30(Rf)</b>	91
<b>TM30(Rg)</b>	98
<b>Duv</b>	0.0009

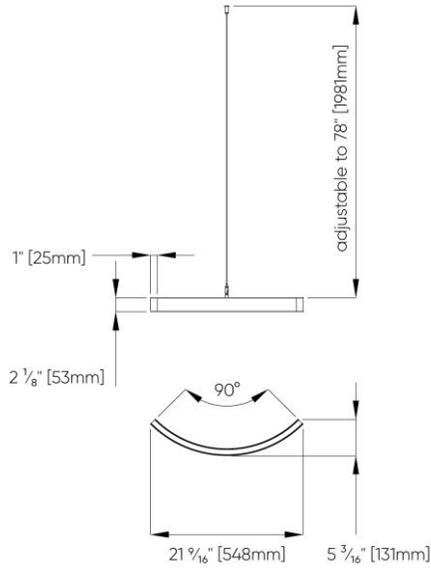
**CCT 4000K**



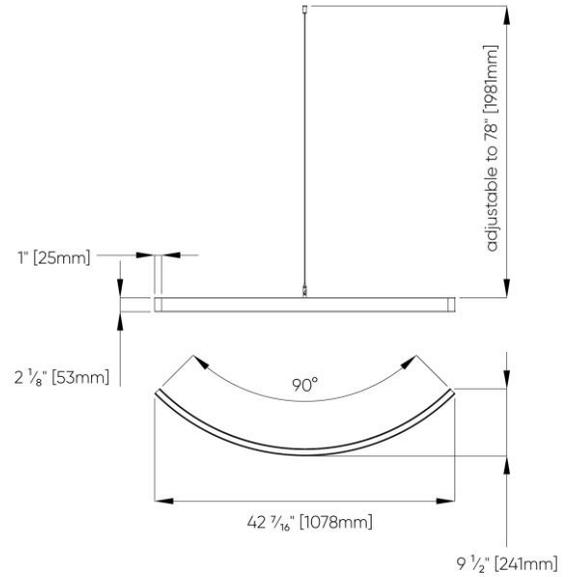
<b>CRI(Ra)</b>	92
<b>CRI(R9)</b>	50
<b>TM30(Rf)</b>	89
<b>TM30(Rg)</b>	97
<b>Duv</b>	0.0011

**10** DIMENSIONAL DIAGRAMS

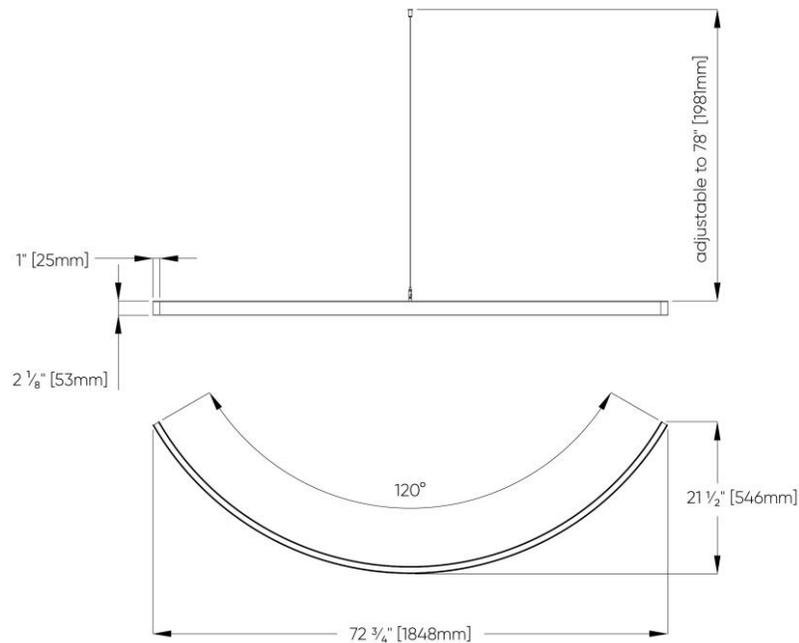
**16" Radius**



**30" Radius**

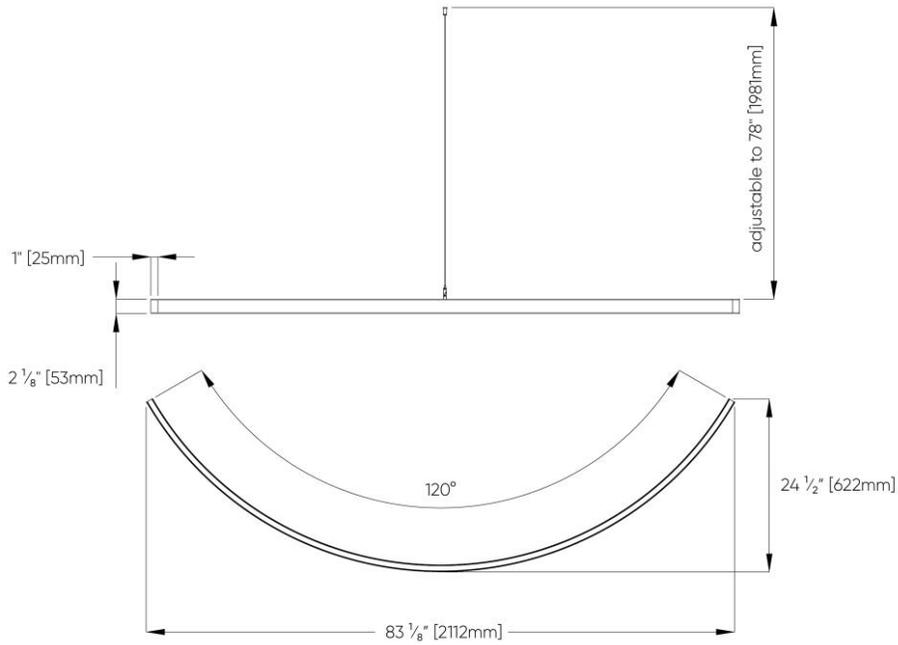


**42" Radius**

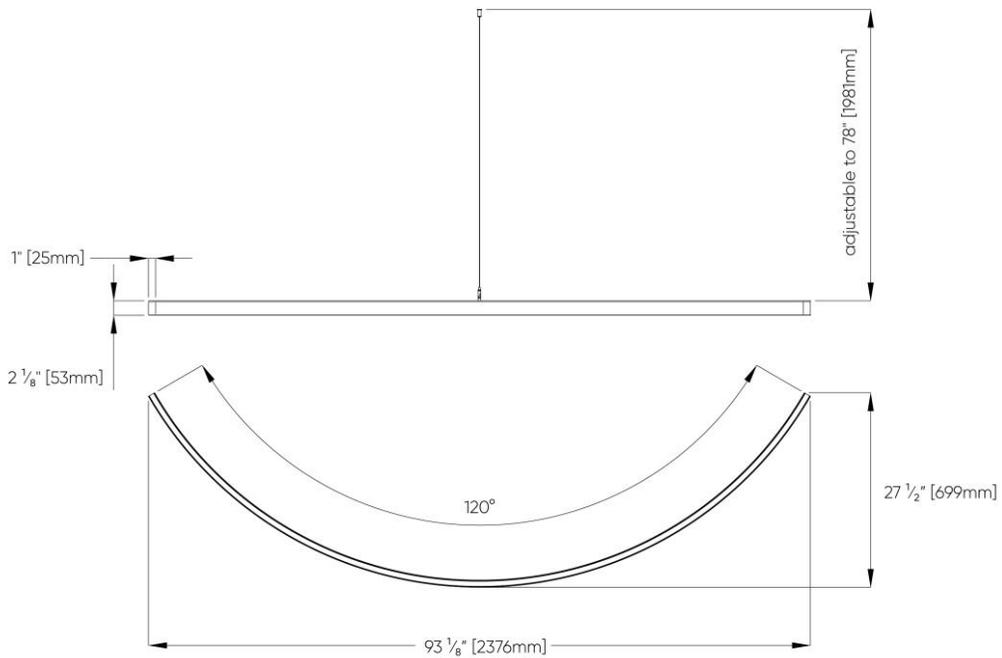


To determine the number of sections to be shipped, a final customer assembly drawing is required.  
 Custom shapes available.

48" Radius

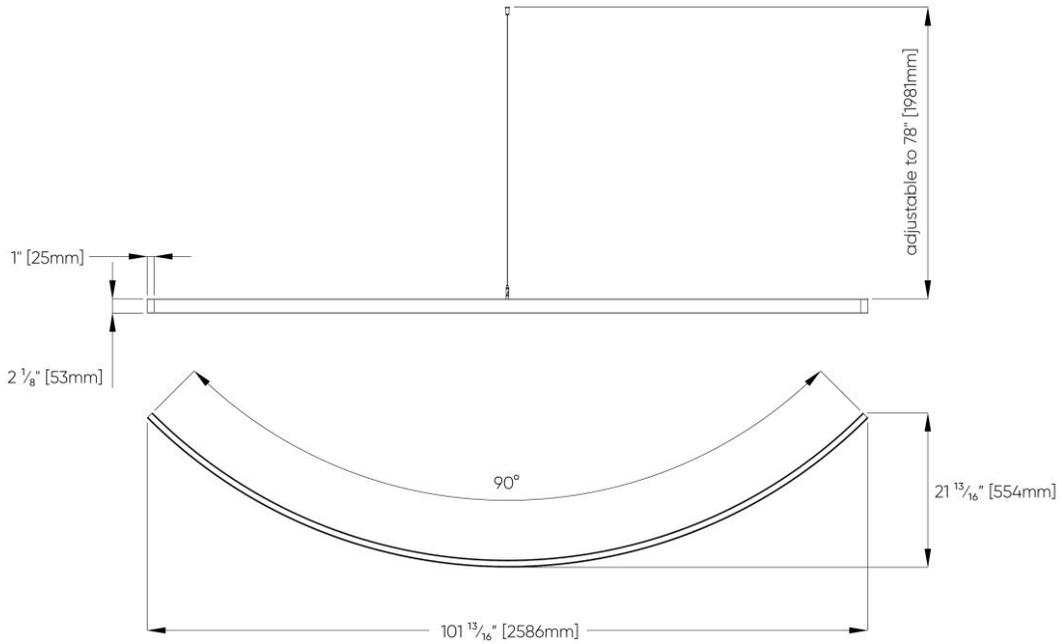


54" Radius

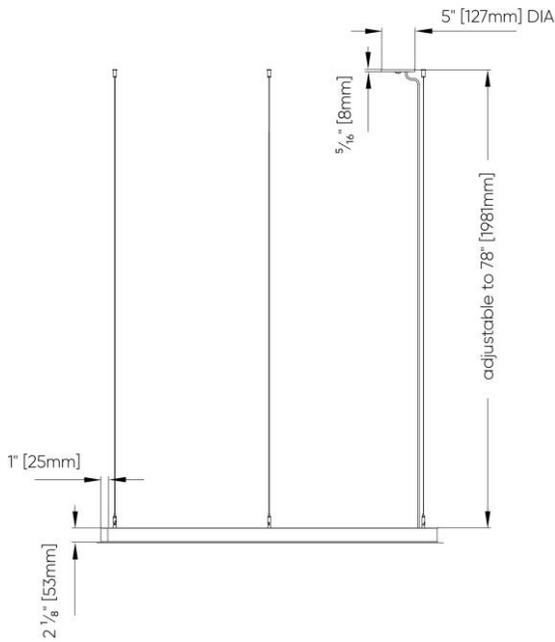


To determine the number of sections to be shipped, a final customer assembly drawing is required.  
 Custom shapes available.

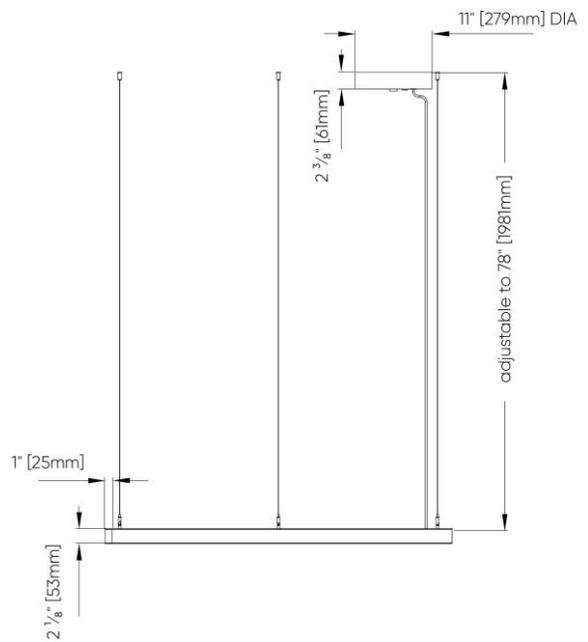
72" Radius



**SS1**  
 Vertical – Remote Driver

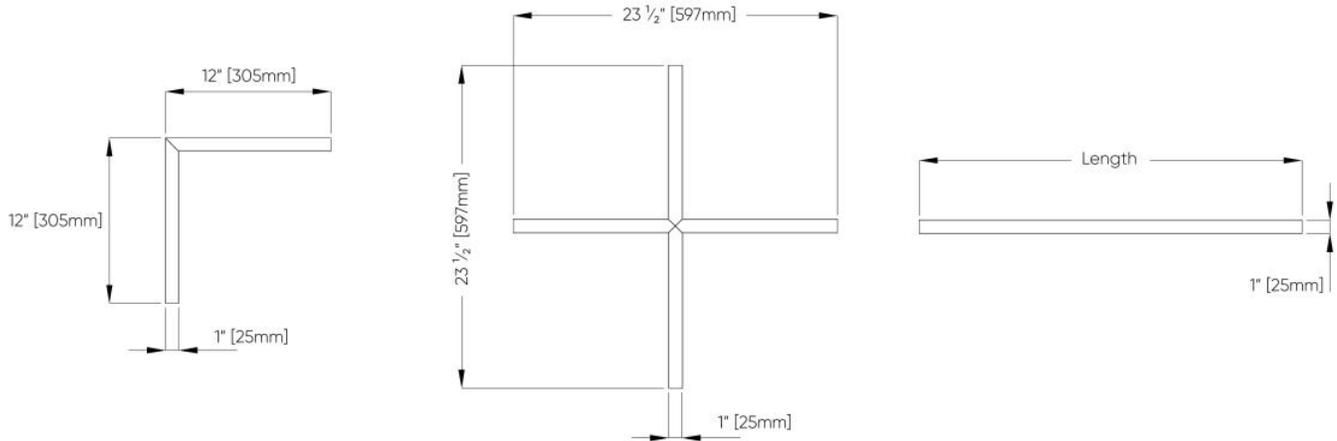


**SS3**  
 Vertical – Integral Driver

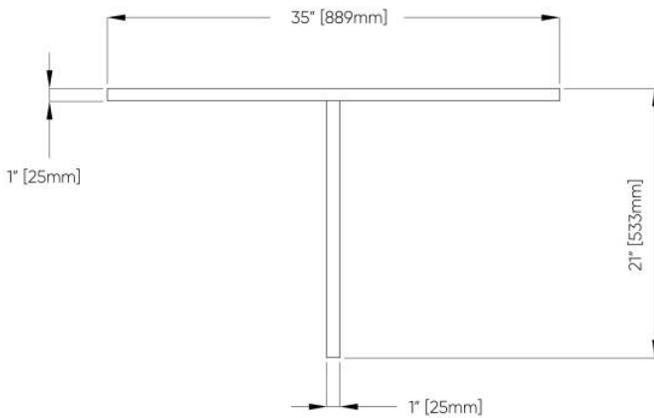


To determine the number of sections to be shipped, a final customer assembly drawing is required.  
 Custom shapes available.

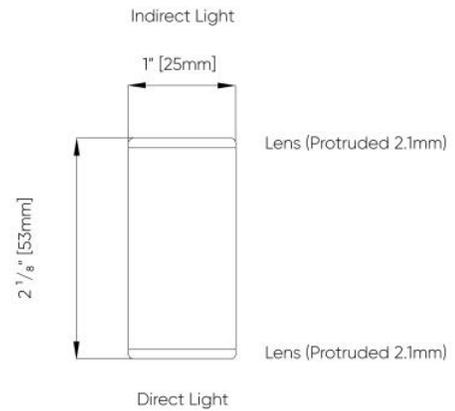
Corner, Cross & Straight Sections



T Section



Profile View



To determine the number of sections to be shipped, a final customer assembly drawing is required.  
 Custom shapes available.