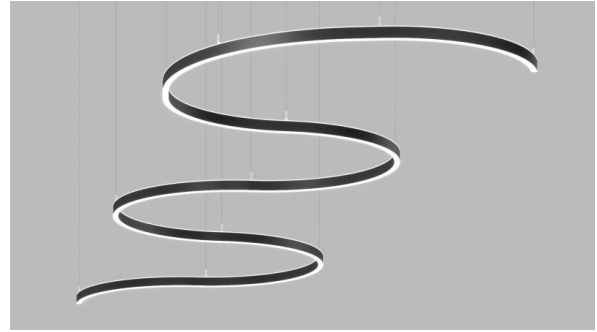




MICRO SQUIGGLE™

FULL SPECIFICATION SHEET



Fixture Type

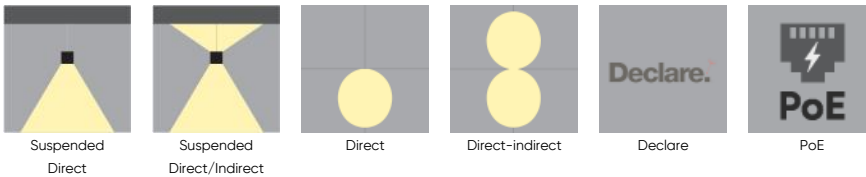
Fixture Code

Quantities

1 DESCRIPTION

MICRO SQUIGGLE adapts to your space with fluid versatility. This highly customizable curvilinear lighting system features a sleek 1-inch 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.

2 OPTICS & FEATURES



3 APPROVALS



4 GENERAL SPECIFICATION

BODY AND TRIM

Steel and aluminum.

FINISH

Powder coated for standard finishes.

DIFFUSERS

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.

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.

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



Red Metallic
- Textured

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



Red Metallic
- Textured

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 | | |

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 ¹ | V3 347V ² | V4 Low Voltage ³ |
|--------------------|-----------------------------|-----------------------------|------------------------------------|

¹ Not available in North American.

² Only available with DA01 dimming.

³ Only available with DA45 dimming.

11. DIMMING

| | | | |
|--------------------------------|---|--|--|
| DA01 0-10V Dimming 1.0% | DA02 0-10V Dimming 0.1% ¹ | DA20 DALI Dimming 0.1% ¹ | DA21 DALI Dimming 1.0% ¹ |
| DA45 PoE ³ | | | |

¹ Not available with V3.

² Not available in North America.

³ 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 | FA53 Red Metallic – Textured | | |

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 | CF53 Red Metallic – Textured | | |

15. EMERGENCY SECTIONS

| | |
|------------------------|--|
| E0 Not required | E2 Emergency system – Remote ¹ |
|------------------------|--|

¹ 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.

| Code | SCA16 | SCA30 | SCA42 | SCA48 | SCA54 | SCA72 |
|--------------|--------|--------|--------|--------|--------|--------|
| Section Type | Curved | Curved | Curved | Curved | Curved | Curved |
| Arc° | 90° | 90° | 120° | 120° | 120° | 90° |
| Radius | 16" | 30" | 42" | 48" | 54" | 72" |
| Length | | | | | | |

| Code | SCB28 | SCB36 | SCB47 | SCB72 | SCB95 | SCC01 |
|--------------|----------|----------|----------|----------|----------|-------|
| Section Type | Straight | Straight | Straight | Straight | Straight | Cross |
| Arc° | | | | | | |
| Radius | | | | | | |
| Length | 28" | 36" | 47" | 72" | 95" | 23.5" |

| Code | SCD01 | SCE01 |
|--------------|--------|-------|
| Section Type | Corner | T |
| Arc° | | |
| Radius | | |
| Length | 12" | 35" |

8 PERFORMANCE DATA

| Curved SCA 16 | Lumens | Watts | LPW | Curved SCA 30 | Lumens | Watts | LPW |
|---------------|--------|-------|-----|---------------|--------|-------|-----|
| 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 |

| Curved SCA 42 | Lumens | Watts | LPW | Curved SCA 48 | Lumens | Watts | LPW |
|---------------|--------|-------|-----|---------------|--------|-------|-----|
| 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 |

| Curved SCA 54 | Lumens | Watts | LPW | Curved SCA 72 | Lumens | Watts | LPW |
|---------------|--------|-------|-----|---------------|--------|-------|-----|
| 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 | Lumens | Watts | LPW | Straight SCB 36 | 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 |

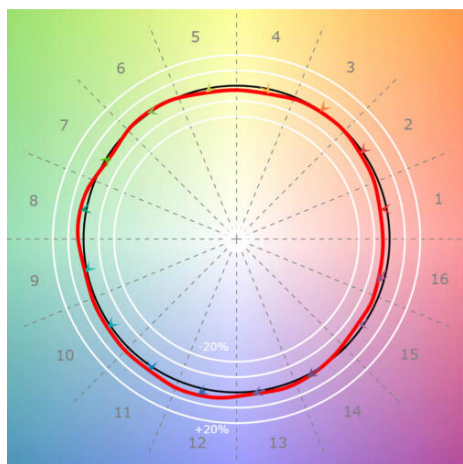
| Straight SCB 47 | Lumens | Watts | LPW | Straight SCB 72 | Lumens | Watts | LPW |
|-----------------|--------|-------|-----|-----------------|--------|-------|-----|
| LPF 017 | 675 | 10 | 70 | LPF 017 | 1025 | 15 | 70 |
| LPF 026 | 1000 | 15 | 68 | LPF 026 | 1550 | 23 | 68 |
| LPF 035 | 1350 | 20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

| Straight SCB 95 | Lumens | Watts | LPW | Corner SCD 01 | 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 | Lumens | Watts | LPW | T Section SCE 01 | 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 |

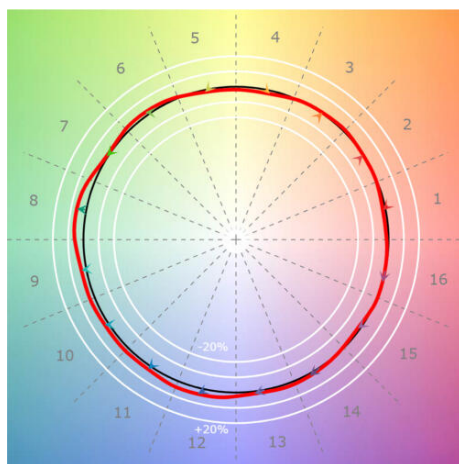
9 TM-30 DATA

CCT 2700K



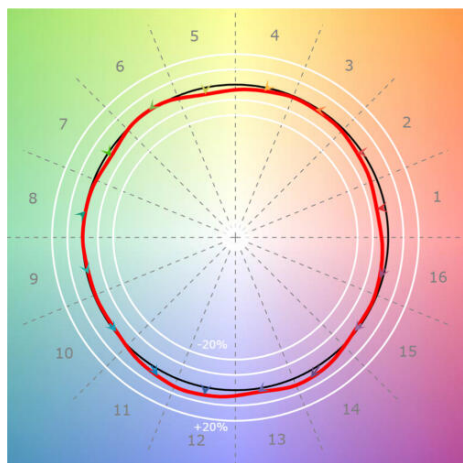
| | |
|-----------------|--------|
| CRI(Ra) | 94 |
| CRI(R9) | 58 |
| TM30(Rf) | 93 |
| TM30(Rg) | 99 |
| Duv | 0.0004 |

CCT 3000K



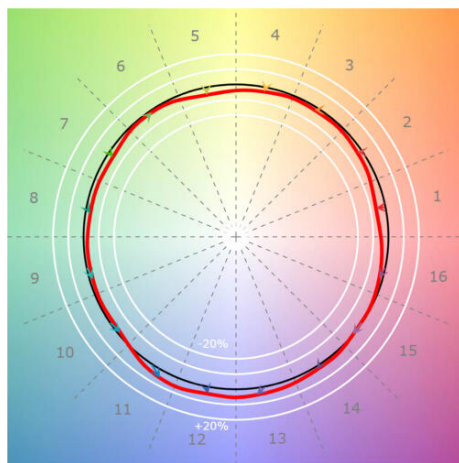
| | |
|-----------------|---------|
| CRI(Ra) | 94 |
| CRI(R9) | 75 |
| TM30(Rf) | 93 |
| TM30(Rg) | 102 |
| Duv | -0.0001 |

CCT 3500K



| | |
|-----------------|--------|
| CRI(Ra) | 94 |
| CRI(R9) | 53 |
| TM30(Rf) | 91 |
| TM30(Rg) | 98 |
| Duv | 0.0009 |

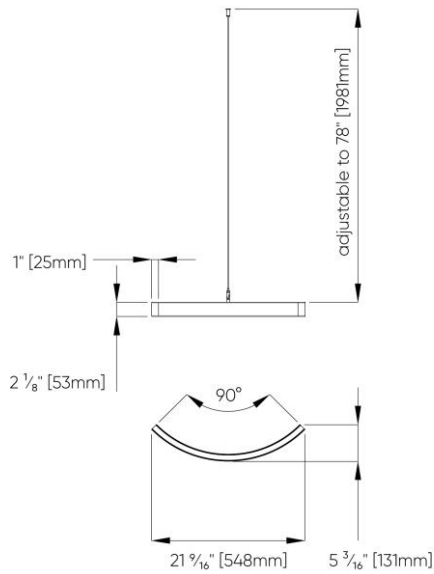
CCT 4000K



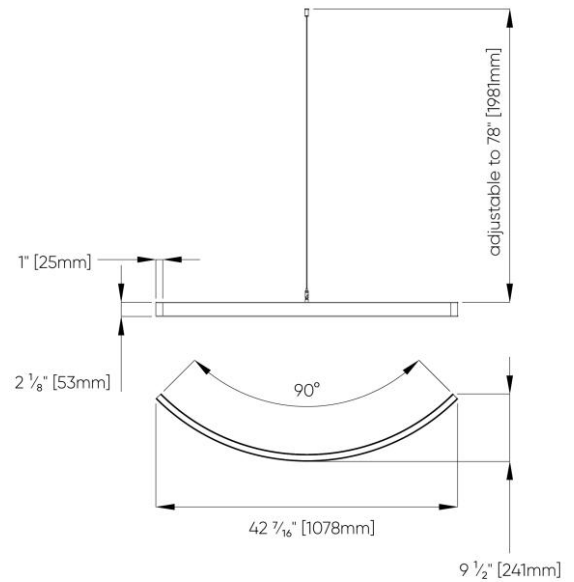
| | |
|-----------------|--------|
| CRI(Ra) | 92 |
| CRI(R9) | 50 |
| TM30(Rf) | 89 |
| TM30(Rg) | 97 |
| Duv | 0.0011 |

10 DIMENSIONAL DIAGRAMS

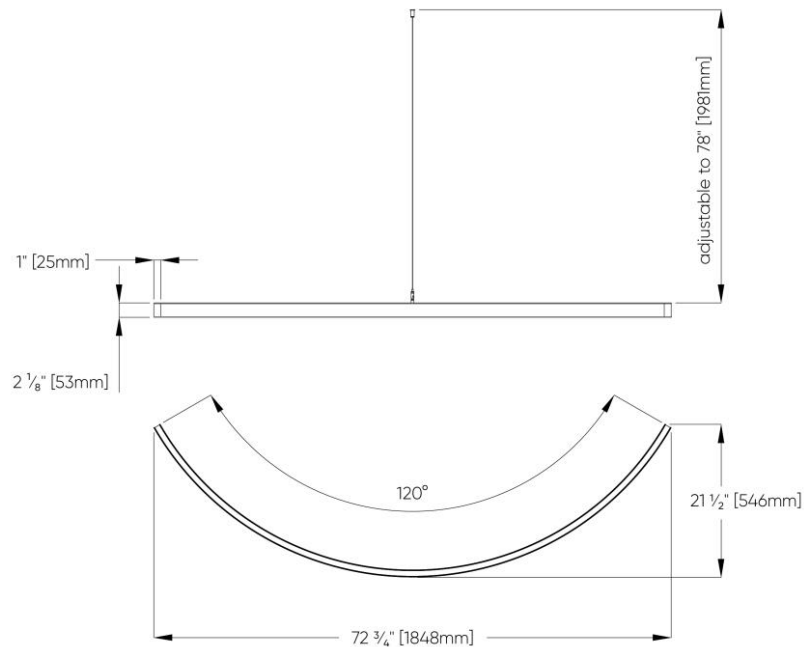
16" Radius



30" Radius

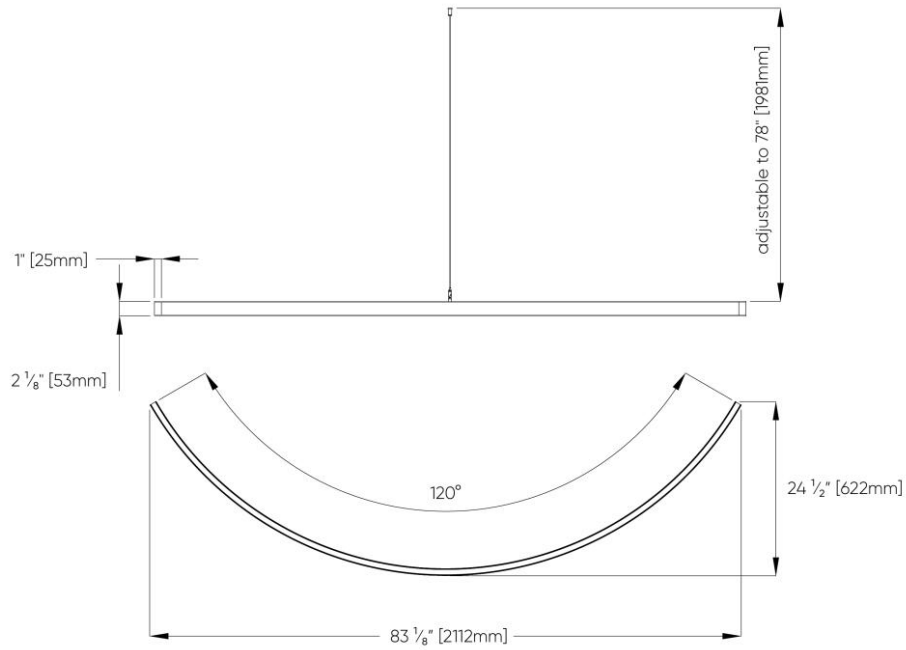


42" Radius

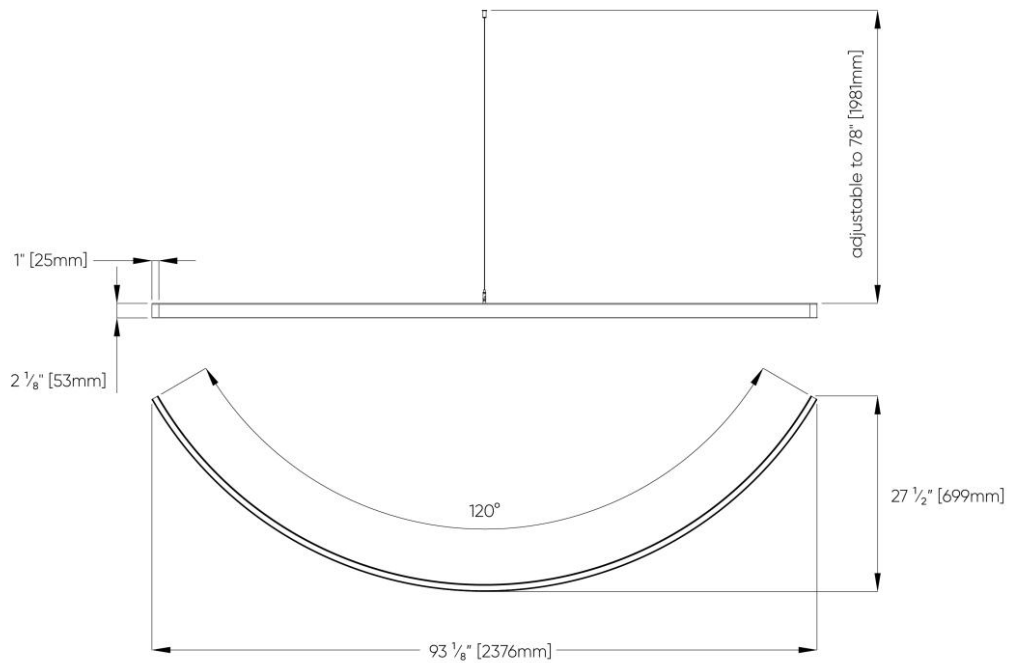


To determine the number of sections to be shipped, a final customer assembly drawing is required.
Custom shapes available.

48" Radius

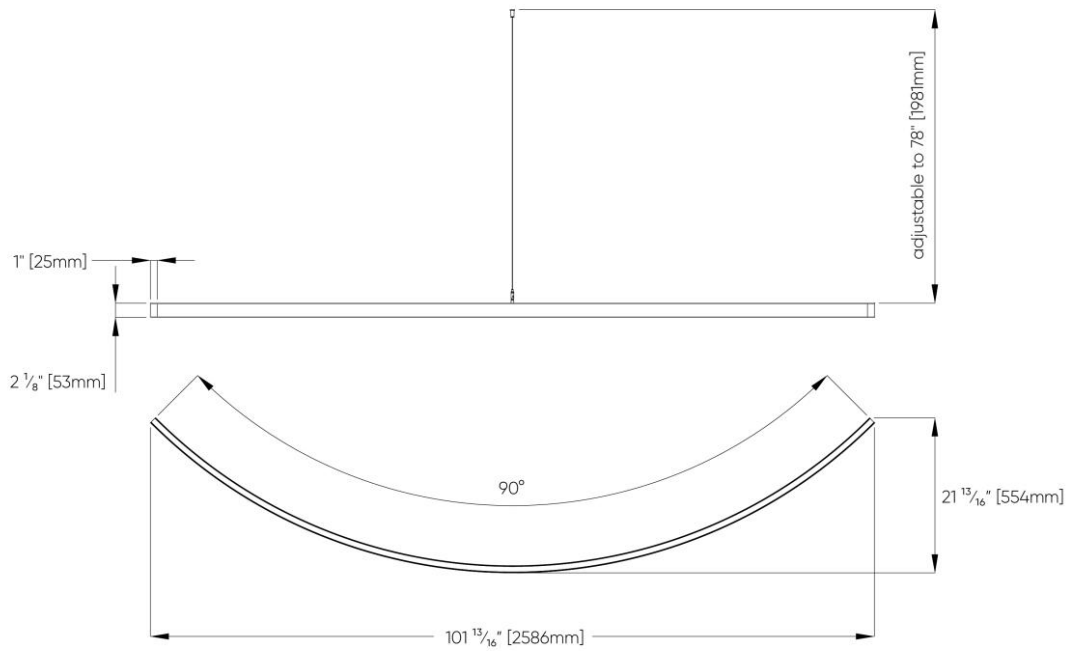


54" Radius



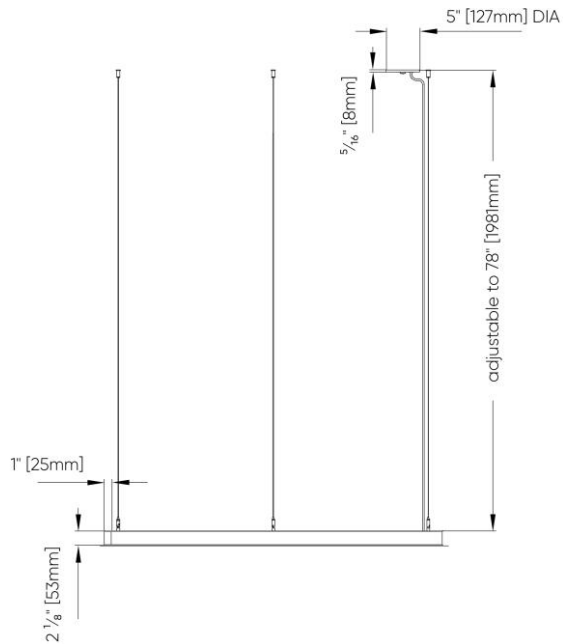
To determine the number of sections to be shipped, a final customer assembly drawing is required.
Custom shapes available.

72" Radius



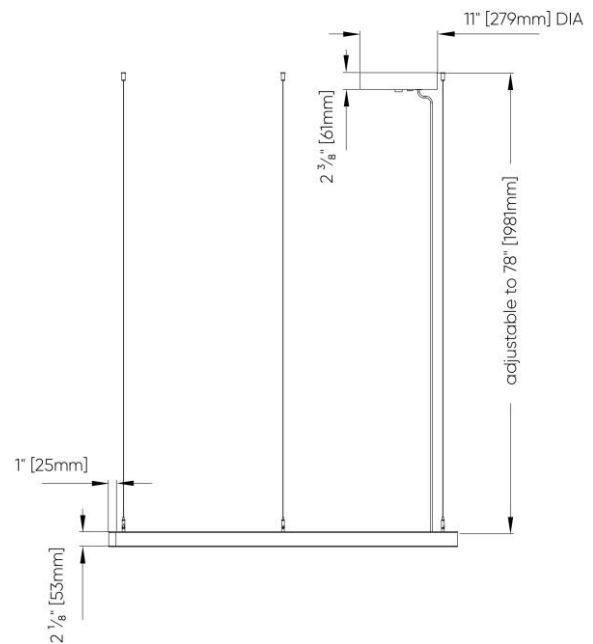
SS1

Vertical - Remote Driver



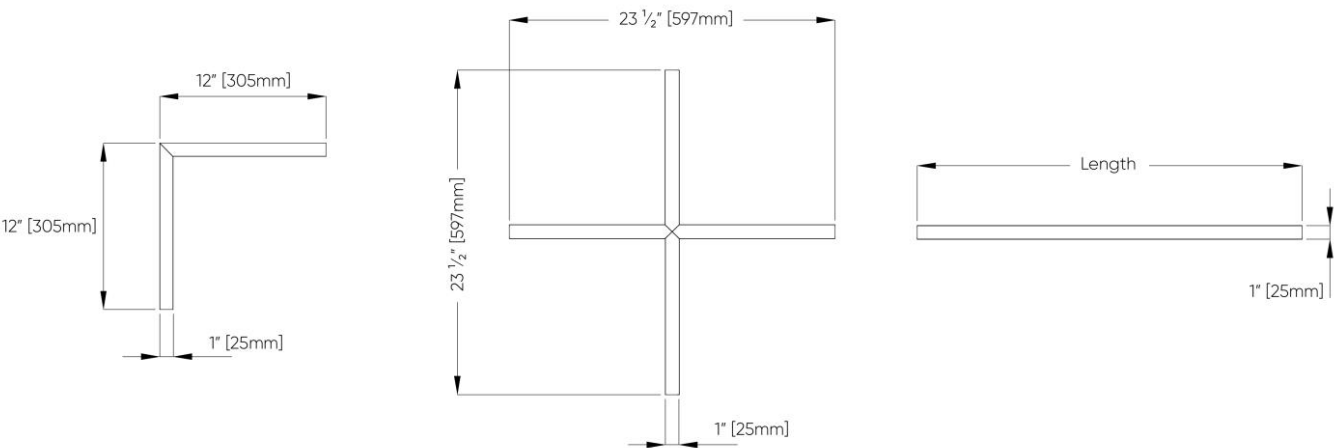
SS3

Vertical - Integral Driver

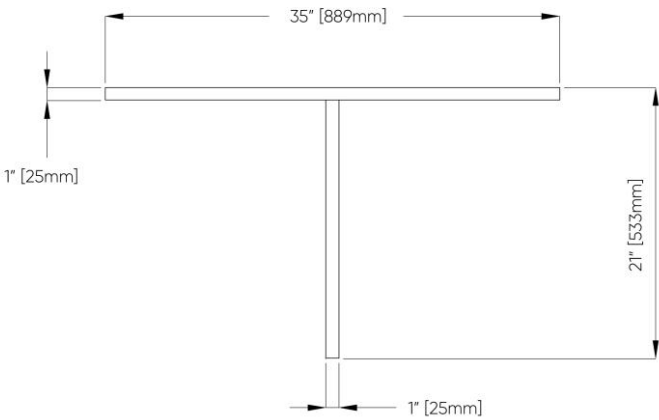


To determine the number of sections to be shipped, a final customer assembly drawing is required.
Custom shapes available.

Corner, Cross & Straight Sections



T Section



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