

# MICRO RING II™ - SUSPENDED

Project Name:

Fixture Type:

Fixture Code:

Quantities:



MICRO RING II™ - SUSPENDED



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**MICRO RING II** sets a new performance benchmark in decorative rings, boasting a best-in-class lumen efficacy of 105 LPW. This performance is not just about brightness but about the quality of light. Its high-efficiency, flexible diffuser snugly fits the frame, eliminating any light leakage while ensuring a uniform and seamless diffusion of light. The slim design of **MICRO RING II**, available in 8 diameters ranging from 2 feet to 12 feet, makes it ideal for crafting grand, multi-tiered circular installations. This versatile ring offers both direct and indirect lighting and is part of the larger MICRO RING family, which includes five additional light emission options for layered lighting effects. Moreover, each ring can be equipped with an acoustic panel of up to eight feet.

Expanding your options to better meet a wide range of design requirements, we now offer a lower output **MICRO RING II**. This new addition is designed to serve your decorative needs where subtler, more atmospheric lighting is desired without compromising on the quality and uniformity of light diffusion that the **MICRO RING II** is celebrated for. Ideal for creating ambient moods in intimate settings or when a less pronounced lighting effect is required, this lower output option expands the versatility of the MICRO RING collection, ensuring that there is a ring solution for every design challenge.

## GENERAL SPECIFICATION

### Body

Aluminum.

### Power cable

Silver braided.

### 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).

### Suspension

Steel cables. Power over aircraft cable option (S6) available on direct versions only up to 2134mm/7ft diameter (North America only).

### Acoustic Panels NRC Rating

0.80

### Acoustic Panels Material

100% recycled polyester fiber (PET).

### Mechanical

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

### Delivered Lumens

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

### Sensors

Consult factory regarding sensor compatibility.

### Finish

Powder coated

### Diffuser

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.

### PoE

Micro Ring II can integrate into your data network via Power over Ethernet (PoE) connectivity.

### Acoustic Panels Class A Fire Rating

ASTM E-84 material.

### Acoustic Panels Thickness

12mm (0.5").

### L70 @25°C

> 60,000 hrs.

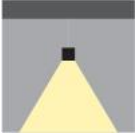
### Approvals

Damp Rated.

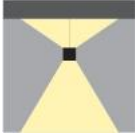


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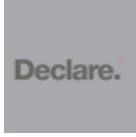
## MOUNTING & OPTICS



Suspended Direct



Suspended Direct/Indirect



Declare



PoE

# MICRO RING II™ - SUSPENDED

## HOW TO ORDER

### A. LUMINAIRE

**MRTP1P02** 2ft, Direct, 5000 lms

**MRTP1P03** 3ft, Direct, 7400 lms

**MRTP1P04** 4ft, Direct, 9500 lms

**MRTP1P05** 5ft, Direct, 12900 lms

**MRTP1P06** 6ft, Direct, 15200 lms

**MRTP1P07** 7ft, Direct, 18100 lms

**MRTP1P08** 8ft, Direct, 17500 lms

**MRTP1P12** 12ft Direct, 27700 lms

**MRTP2P02** 2ft, Direct/Indirect, 6800 lms

**MRTP2P03** 3ft, Direct/Indirect, 10200 lms

**MRTP2P04** 4ft, Direct/Indirect, 13800 lms

**MRTP2P05** 5ft, Direct/Indirect, 17300 lms

**MRTP2P06** 6ft, Direct/Indirect, 20400 lms

**MRTP2P07** 7ft, Direct/Indirect, 24200 lms

**MRTP2P08** 8ft, Direct/Indirect, 23900 lms

**MRTP2P12** 12ft, Direct/Indirect, 37700 lms

### B. EFFICIENCY

**EFF1** Standard efficiency <sup>1</sup>

**EFF2** High efficiency <sup>2</sup>

<sup>1</sup> Standard efficiency refers to Standard efficacy.

<sup>2</sup> High efficiency refers to High efficacy. This option is 52% more efficient than Standard efficiency.

### C. LUMENS/FT DIRECT

**LPF017** 175 lm/ft <sup>1 2</sup>

**LPF026** 260 lm/ft <sup>1 2</sup>

**LPF035** 350 lm/ft <sup>1 2</sup>

**LPF052** 525 lm/ft <sup>1 2</sup>

**LPF080** 800 lm/ft <sup>2</sup>

<sup>1</sup> Standard efficiency is available from 175 lm/ft to 525 lm/ft.

<sup>2</sup> High efficiency is available from 175 lm/ft to 800 lm/ft for direct only and up to 525 lm/ft for direct/indirect.

### D. LUMENS/FT INDIRECT

**LPG000** Not required

**LPG017** 175 lm/ft <sup>1 2</sup>

**LPG026** 260 lm/ft <sup>1 2</sup>

**LPG035** 350 lm/ft <sup>1 2</sup>

**LPG052** 525 lm/ft <sup>2</sup>

<sup>1</sup> Standard efficiency is available from 175 lm/ft to 350 lm/ft.

<sup>2</sup> High efficiency is available from 175 lm/ft to 525 lm/ft.

### E. CRI

**CR80** CRI 80+

**CR90** CRI 90+

### F. CCT (DIRECT)

**CTA27** 2700K

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

### G. CCT (INDIRECT)

**CTB00** Not required

**CTB27** 2700K

**CTB30** 3000K

**CTB35** 3500K

**CTB40** 4000K

### H. 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> Available with DA01 dimming only.

<sup>3</sup> V4 available with DA45 dimming only.

### I. DIMMING

**DA01** 0-10V Dimming 1.0%

**DA20** DALI Dimming 0.1% <sup>1</sup>

**DA21** DALI Dimming 1.0% <sup>1</sup>

**DA45** PoE <sup>2</sup>

<sup>1</sup> Not available with MRTP2P05, MRTP2P06 or MRTP2P07.

<sup>2</sup> Available with V4 only.



# MICRO RING II™ - SUSPENDED

## J. SUSPENSION

|   |   |   |  |
|---|---|---|--|
| <b>SS1</b> Vertical, Remote driver  | <b>SS2</b> Hub, Remote driver <sup>1</sup>                          | <b>SS3</b> Vertical, Integral driver <sup>2</sup>                       | <b>SS4</b> Hub, Integral driver <sup>2</sup> |
| <b>SS6</b> Power Over Suspension Cable, Vertical Remote driver <sup>1</sup> | <b>SS7</b> Power over Suspension, Hub, Remote driver <sup>1 4</sup> | <b>SS9</b> Power over Suspension, Hub, Integral driver <sup>1 3 4</sup> |  |

<sup>1</sup> Available up to 7ft for Direct and Direct/Indirect for DA01. Available up to 7ft for Direct only and available up to 6ft only for Direct/Indirect for DA20 & DA21. Available for all sizes for DA45.

<sup>2</sup> Available for all sizes for DA01. Available for up to 5ft Direct and up to 4ft DirectIndirect for DA20 & DA21. Available for all sizes for DA45.

<sup>3</sup> Available with V1 voltage only.

<sup>4</sup> The minimum suspension height relative to diameter is as follows: 2ft = 18", 3ft = 18", 4ft = 24", 5ft = 30", 6ft = 36", 7ft = 42".

## K. FIXTURE FINISH

|  |   |   |                                      |
|--|---|---|--------------------------------------|
| <b>FA01</b> White                                  | <b>FA02</b> Black Metallic - Textured             | <b>FA20</b> Silver Metallic - Textured        | <b>FA25</b> Gold Metallic - Textured |
| <b>FA27</b> Wood grain - Light Cherry <sup>1</sup> | <b>FA28</b> Wood grain - Dark Walnut <sup>1</sup> | <b>FA44</b> Midnight Blue Metallic - Textured | <b>FA45</b> Copper Metallic          |
| <b>FA46</b> Charcoal Metallic - Textured           | <b>FA47</b> Bronze Metallic - Textured            | <b>FA52</b> Champagne Metallic                | <b>FA53</b> Red Metallic - Textured  |

<sup>1</sup> Wood grain finishes are not available for 2ft diameter or above 6ft diameter. Longer than normal lead times may apply, consult factory.

## L. CANOPY FINISH

|   |                                       |  |  |
|---|---------------------------------------|--|--|
| <b>CF01</b> White                             | <b>CF02</b> Black Metallic - Textured | <b>CF20</b> Silver Metallic - Textured   | <b>CF25</b> Gold Metallic - Textured   |
| <b>CF44</b> Midnight Blue Metallic - Textured | <b>CF45</b> Copper Metallic           | <b>CF46</b> Charcoal Metallic - Textured | <b>CF47</b> Bronze Metallic - Textured |
| <b>CF52</b> Champagne Metallic                | <b>CF53</b> Red Metallic - Textured   |  |  |

## M. ACOUSTIC PANEL COLOR

|                          |                         |                         |                  |
|--------------------------|-------------------------|-------------------------|------------------|
| <b>AP00</b> Not required | <b>AP04</b> White       | <b>AP13</b> Apple Green | <b>AP22</b> Blue |
| <b>AP11</b> Light Gray   | <b>AP26</b> Sesame Gray | <b>AP27</b> Black       |                  |

Available up to 4ft diameter. Larger sizes (5ft to 7ft) available with visible seams, consult factory.

For accompanying non-illuminating acoustic panels see our Acoustic Circles, Quads, Triangles and Ellipse spec pages.

Other finishes available. Consult factory.

## N. EMERGENCY

|                        |                                     |
|------------------------|-------------------------------------|
| <b>E0</b> Not required | <b>E2</b> Emergency system - Remote |
|------------------------|-------------------------------------|

## O. CIRCUITS

|                           |                         |
|---------------------------|-------------------------|
| <b>CS1</b> Single circuit | <b>CS2</b> Dual circuit |
|---------------------------|-------------------------|



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## TECHNICAL DATA

### LUMINAIRE

| Code                              | MRTP1P02 | MRTP1P03 | MRTP1P04 | MRTP1P05 | MRTP1P06 | MRTP1P07 |
|-----------------------------------|----------|----------|----------|----------|----------|----------|
| <b>Diameter (A)</b>               | 2ft      | 3ft      | 4ft      | 5ft      | 6ft      | 7ft      |
| <b>Light Direction</b>            | Direct   | Direct   | Direct   | Direct   | Direct   | Direct   |
| <b>EFF1 Watts</b>                 | 52       | 77       | 100      | 135      | 160      | 190      |
| <b>EFF1 Del. Lms</b>              | 3300     | 4900     | 6300     | 8500     | 10000    | 11900    |
| <b>EFF1 LPW</b>                   | 69       | 69       | 69       | 69       | 69       | 69       |
| <b>EFF2 Watts</b>                 | 52       | 77       | 100      | 135      | 160      | 190      |
| <b>EFF2 Del. Lms</b>              | 5000     | 7400     | 9500     | 12900    | 15200    | 18100    |
| <b>EFF2 LPW</b>                   | 104      | 104      | 104      | 104      | 104      | 104      |
| <b>Suspension Points</b>          | 3        | 3        | 3        | 3        | 4        | 4        |
| <b># of Sections and Canopies</b> | 1        | 1        | 1        | 1        | 1        | 1        |

#### Max values shown\*

| Code                              | MRTP1P08 | MRTP1P12 | MRTP2P02        | MRTP2P03        | MRTP2P04        | MRTP2P05        |
|-----------------------------------|----------|----------|-----------------|-----------------|-----------------|-----------------|
| <b>Diameter (A)</b>               | 8ft      | 12ft     | 2ft             | 3ft             | 4ft             | 5ft             |
| <b>Light Direction</b>            | Direct   | Direct   | Direct/Indirect | Direct/Indirect | Direct/Indirect | Direct/Indirect |
| <b>EFF1 Watts</b>                 | 240      | 380      | 69              | 103             | 138             | 168             |
| <b>EFF1 Del. Lms</b>              | 15600    | 24600    | 4500            | 6600            | 9100            | 11300           |
| <b>EFF1 LPW</b>                   | 69       | 69       | 69              | 69              | 69              | 69              |
| <b>EFF2 Watts</b>                 | 240      | 380      | 68              | 102             | 136             | 171             |
| <b>EFF2 Del. Lms</b>              | 17500    | 27700    | 6800            | 10200           | 13800           | 17300           |
| <b>EFF2 LPW</b>                   | 80       | 80       | 105             | 105             | 105             | 105             |
| <b>Suspension Points</b>          | 6        | 8        | 3               | 3               | 3               | 3               |
| <b># of Sections and Canopies</b> | 2        | 2        | 1               | 1               | 1               | 1               |

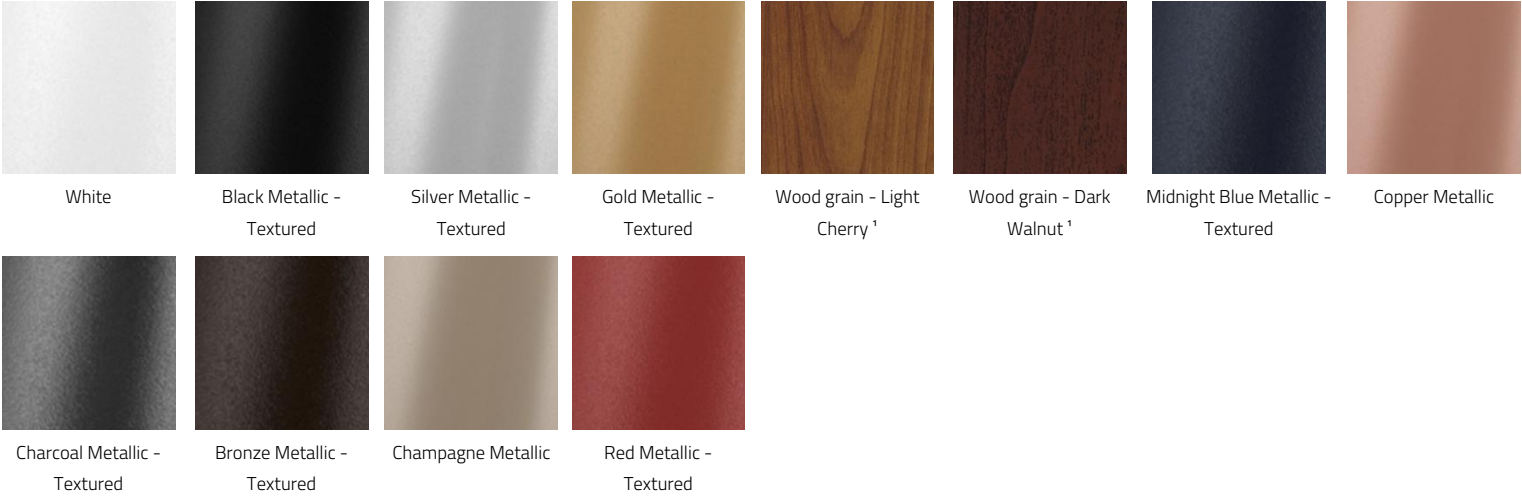
#### Max values shown\*

| Code                              | MRTP2P06        | MRTP2P07        | MRTP2P08        | MRTP2P12        |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|
| <b>Diameter (A)</b>               | 6ft             | 7ft             | 8ft             | 12ft            |
| <b>Light Direction</b>            | Direct/Indirect | Direct/Indirect | Direct/Indirect | Direct/Indirect |
| <b>EFF1 Watts</b>                 | 205             | 242             | 310             | 490             |
| <b>EFF1 Del. Lms</b>              | 13300           | 15900           | 20000           | 31700           |
| <b>EFF1 LPW</b>                   | 69              | 69              | 69              | 69              |
| <b>EFF2 Watts</b>                 | 202             | 239             | 310             | 490             |
| <b>EFF2 Del. Lms</b>              | 20400           | 24200           | 23900           | 37700           |
| <b>EFF2 LPW</b>                   | 105             | 105             | 80              | 80              |
| <b>Suspension Points</b>          | 4               | 4               | 6               | 8               |
| <b># of Sections and Canopies</b> | 1               | 1               | 2               | 2               |

#### Max values shown\*

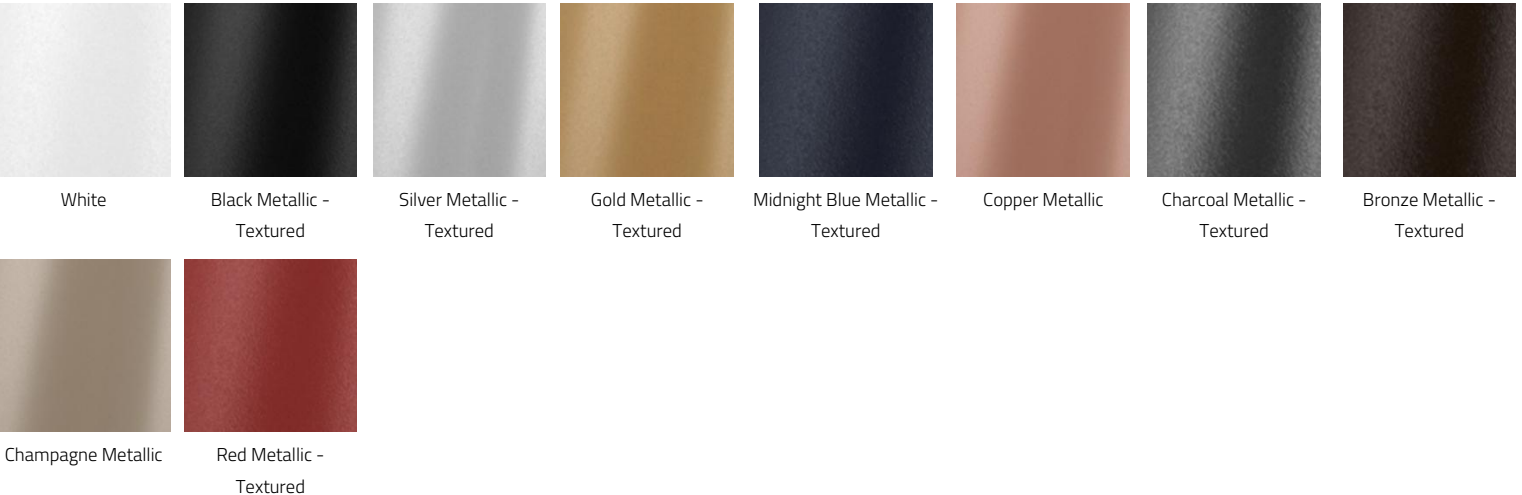
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## FIXTURE FINISH

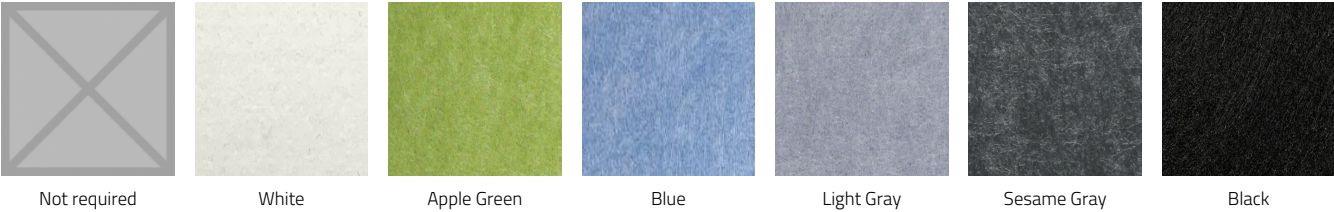


¹ Wood grain finishes are not available for 2ft diameter or above 6ft diameter. Longer than normal lead times may apply, consult factory.

## CANOPY FINISH



## ACOUSTIC PANEL FINISH



Available up to 4ft diameter. Larger sizes (5ft to 7ft) available with visible seams, consult factory. For accompanying non-illuminating acoustic panels see our Acoustic Circles, Quads, Triangles and Ellipse spec pages. Other finishes available. Consult factory.



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## APPROVALS



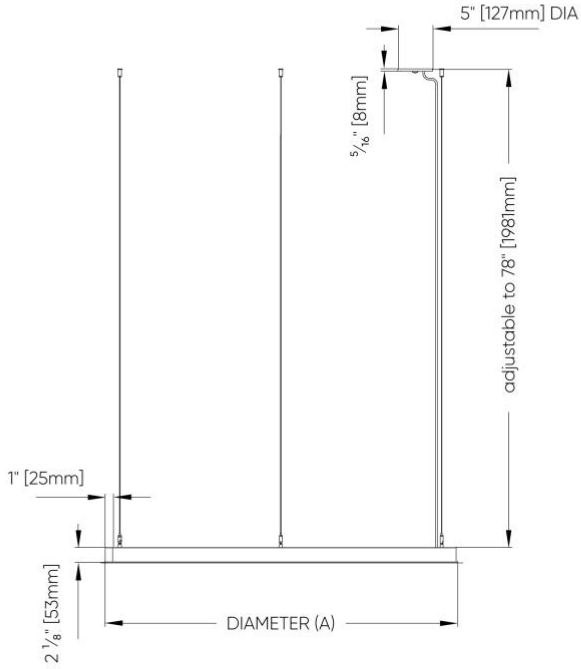
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## DIMENSIONAL DIAGRAMS

### Power Cable Suspension

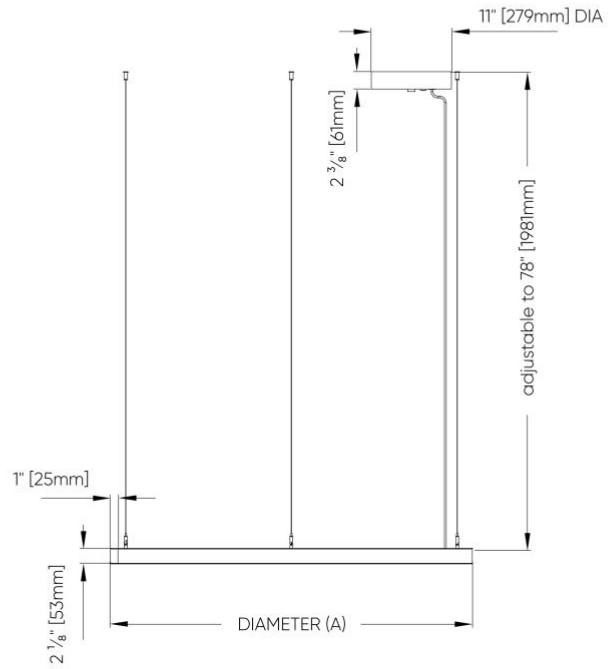
#### SS1

Vertical - Remote Driver



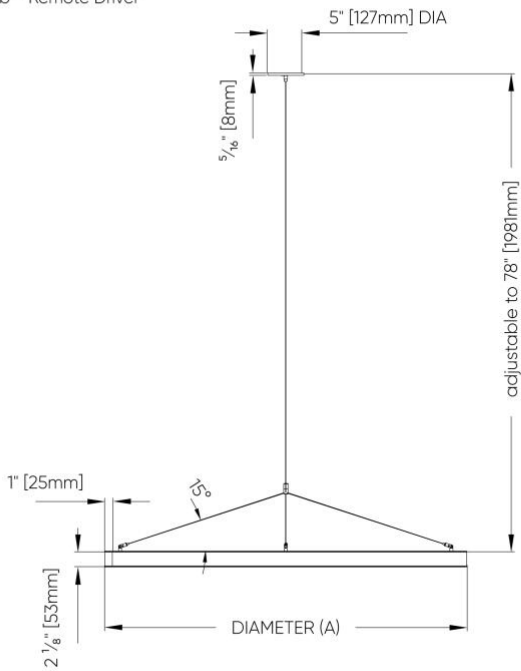
#### SS3

Vertical - Integral Driver



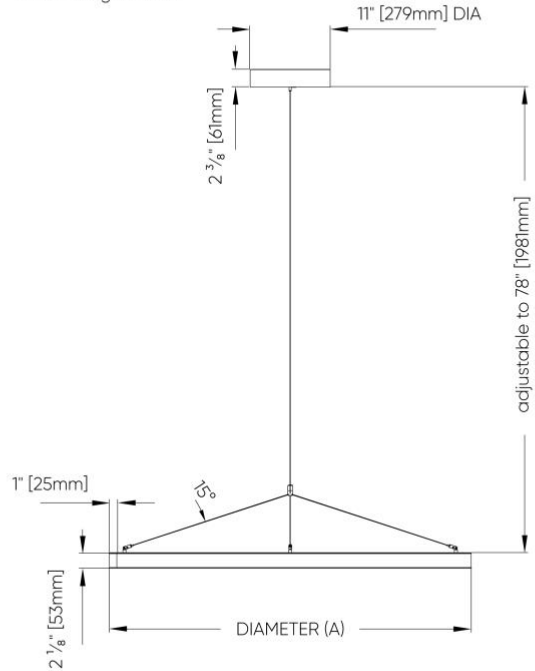
#### SS2

Hub - Remote Driver



#### SS4

Hub - Integral Driver

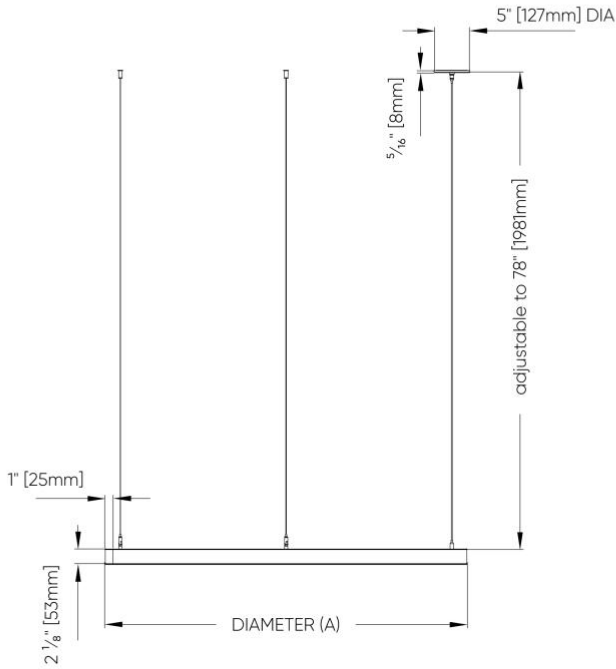


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## Power Over Suspension

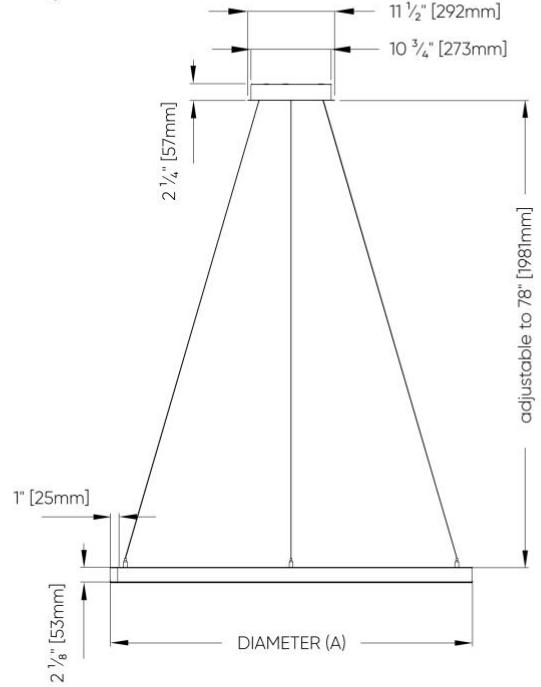
### SS6

Vertical - Remote Driver



### SS9

Hub - Integral Driver



### SS7

Hub - Remote Driver

