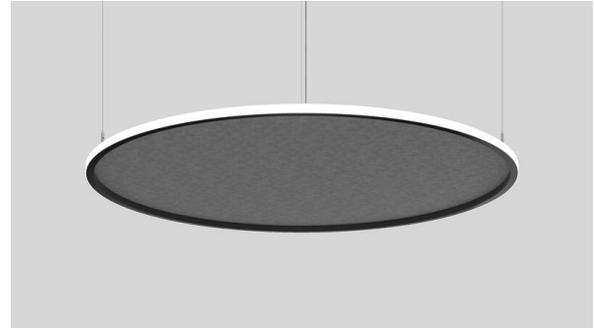




# MICRO RING SE™

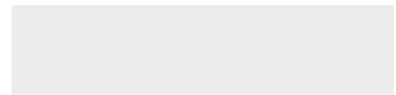
## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

### 1 DESCRIPTION

Featuring an ultra-sleek design and a range of six diameters from 2' to 7', **MICRO RING SE** is the perfect choice for crafting expansive multi-tiered circular arrangements. This dynamic ring illuminates from either its inner or outer frame, offering versatility for unique illuminating effects. Complementing its design, **MICRO RING SE** can be seamlessly paired with five other emission options within the **MICRO RING** family, creating captivating layers of light. Boasting a high-efficiency, flexible diffuser that snugly fits the frame, **MICRO RING SE** eliminates any light leakage while ensuring a uniform and seamless diffusion of light. With a lively and buoyant presence, **MICRO RING SE** makes a striking impact as a standalone piece, especially when adorned with vibrant red, green, or blue color options. Additionally, **MICRO RING SE** offers an option with an acoustic panel measuring up to 7' in diameter. The inner ring emits light, enhancing the visual appeal of the acoustic panel and introducing another decorative dimension to the space. Engineered for functionality, the acoustic panels effectively absorb echo and reverberation commonly associated with open-concept spaces, exposed concrete, open ceilings, and large windows. For those seeking a whimsical style, consider combining **MICRO RING** with either MICRO TRIANGLE or MICRO QUAD to achieve a truly unique and enchanting aesthetic.

### 2 OPTICS & FEATURES

|                     |                      |          |                           |                            |         |     |
|---------------------|----------------------|----------|---------------------------|----------------------------|---------|-----|
|                     |                      |          |                           |                            |         |     |
| Suspended<br>Inside | Suspended<br>Outside | Acoustic | Inside General<br>Diffuse | Outside General<br>Diffuse | Declare | PoE |

### 3 APPROVALS



**4 GENERAL SPECIFICATION**

**BODY**

Aluminum.

**SUSPENSION**

Steel cables.

**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).

**DRIVERS**

HPF electronic drivers for 120-277V (EU-240V), 0-10V, 1% dimming. Drivers can be either Remote mount or Integral to Canopy.

**ACOUSTIC PANELS NRC RATING**

0.80

**ACOUSTIC PANELS MATERIAL**

100% recycled polyester fiber (PET).

**POE**

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

**SENSORS**

Consult factory regarding sensor compatibility.

**LENS**

Protruding Lens 0.08" (2.1mm).

**SEISMIC BRACING**

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

**FINISH**

Powder coated.

**POWER CABLE**

Silver braided.

**REMOTE DRIVERS**

Remote, HPF electronic drivers for 120-277V (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. For longer remote distances, consult factory.

**MECHANICAL**

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

**ACOUSTIC PANELS FIRE RATING**

ASTM E84-2018 Class A.

**ACOUSTIC PANELS THICKNESS**

12mm (0.5")

**DELIVERED LUMENS**

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

**REPORTED L70 @25°C(77°F)**

> 60,000 hrs.

**APPROVALS**

Damp Rated.

**ACOUSTIC PANEL MAINTENANCE**

Durable and easy to maintain. Dust regularly and clean marks with mild detergent, rinse, and blot.

**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

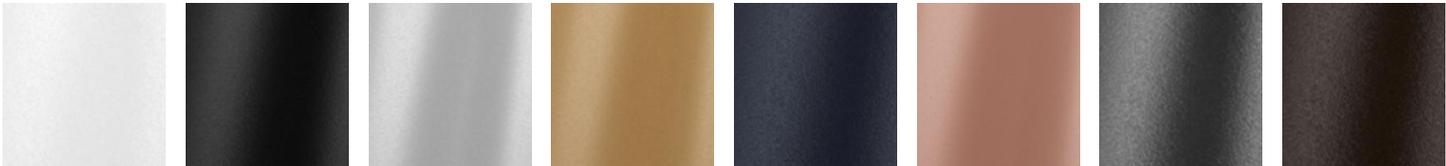
Charcoal  
Metallic -  
Textured

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

**ACOUSTIC PANEL COLOR**



Acoustic panels are available up to 84". Diameters from 60" to 84" include a visible seam. For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Contact factory for larger sizes and additional colors.

**6 HOW TO ORDER**

**1. LUMINAIRE**

- |                                 |                                 |                                 |                                 |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| <b>MRGP1P02</b> 26" Inside lit  | <b>MRGP1P03</b> 36" Inside lit  | <b>MRGP1P04</b> 48" Inside lit  | <b>MRGP1P05</b> 60" Inside lit  |
| <b>MRGP1P06</b> 72" Inside lit  | <b>MRGP1P07</b> 84" Inside lit  | <b>MRGP2P02</b> 26" Outside lit | <b>MRGP2P03</b> 36" Outside lit |
| <b>MRGP2P04</b> 48" Outside lit | <b>MRGP2P05</b> 60" Outside lit | <b>MRGP2P06</b> 72" Outside lit | <b>MRGP2P07</b> 84" Outside lit |

**2. LUMENS/FT**

- |                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>LPF012</b> 125 lm/ft <sup>1</sup> | <b>LPF018</b> 185 lm/ft <sup>2</sup> | <b>LPF025</b> 250 lm/ft <sup>3</sup> |
|--------------------------------------|--------------------------------------|--------------------------------------|

<sup>1</sup> Based on 50% of total output. <sup>2</sup> Based on 75% of total output. <sup>3</sup> 100% of total output.

**3. CRI**

- |                     |                     |
|---------------------|---------------------|
| <b>CR80</b> CRI 80+ | <b>CR90</b> CRI 90+ |
|---------------------|---------------------|

**4. CCT**

- |                    |                    |                    |                    |
|--------------------|--------------------|--------------------|--------------------|
| <b>CTA27</b> 2700K | <b>CTA30</b> 3000K | <b>CTA35</b> 3500K | <b>CTA40</b> 4000K |
|--------------------|--------------------|--------------------|--------------------|

**5. VOLTAGE**

- |                    |                             |                             |                                    |
|--------------------|-----------------------------|-----------------------------|------------------------------------|
| <b>V1</b> 120/277V | <b>V2</b> 240V <sup>1</sup> | <b>V3</b> 347V <sup>2</sup> | <b>V4</b> Low Voltage <sup>3</sup> |
|--------------------|-----------------------------|-----------------------------|------------------------------------|

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

## 6. DIMMING (REMOTE)

**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 V3. <sup>2</sup> Available with V4 only.

## 7. SUSPENSION

**SS1** Vertical, Remote driver

**SS2** Hub, Remote driver <sup>1</sup>

**SS3** Vertical, Driver Integral to Canopy

**SS4** Hub, Driver Integral to Canopy <sup>1</sup>

<sup>1</sup> Available up to 5ft dia. only.

## 8. 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

## 9. 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

## 10. ACOUSTIC PANEL COLOR

**AP00** Not required

**AP02** Citrus

**AP04** White

**AP08** Red Coffee

**AP11** Light Gray

**AP13** Apple Green

**AP22** Blue

**AP26** Sesame Gray

**AP27** Black

**AP47** Navy Peony

**AP60** Pure Red

**AP73** Cloudburst

**AP89** Douglas Fir

**APW01** Oak

Acoustic panels are available up to 84". Diameters from 60" to 84" include a visible seam. For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Contact factory for larger sizes and additional colors.

## 11. EMERGENCY

**E0** Not required

**E2** Emergency system - Remote

**7 TECHNICAL DATA**

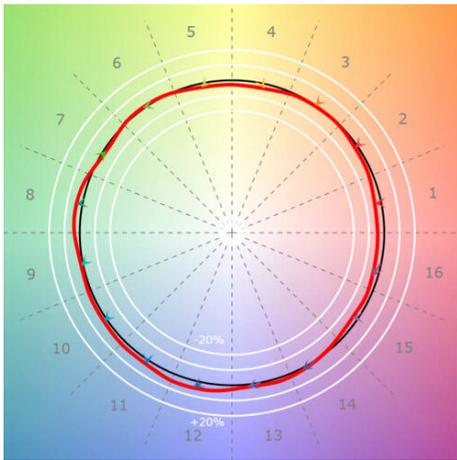
**LUMINAIRE**

| Code              | MRGP1P02 | MRGP1P03 | MRGP1P04 | MRGP1P05 | MRGP1P06 | MRGP1P07 |
|-------------------|----------|----------|----------|----------|----------|----------|
| Diameter          | 26"      | 36"      | 48"      | 60"      | 72"      | 84"      |
| Wattage           | 28       | 39       | 50       | 68       | 80       | 90       |
| Delivered lms     | 1600     | 2300     | 2900     | 4000     | 4700     | 5300     |
| LPW               | 59       | 59       | 59       | 59       | 59       | 59       |
| Suspension Points | 3        | 3        | 3        | 3        | 6        | 6        |

| Code              | MRGP2P02 | MRGP2P03 | MRGP2P04 | MRGP2P05 | MRGP2P06 | MRGP2P07 |
|-------------------|----------|----------|----------|----------|----------|----------|
| Diameter          | 26"      | 36"      | 48"      | 60"      | 72"      | 84"      |
| Wattage           | 28       | 36       | 50       | 61       | 75       | 90       |
| Delivered lms     | 1800     | 2300     | 3200     | 3800     | 4700     | 5700     |
| LPW               | 63       | 63       | 63       | 63       | 63       | 63       |
| Suspension Points | 3        | 3        | 3        | 3        | 6        | 6        |

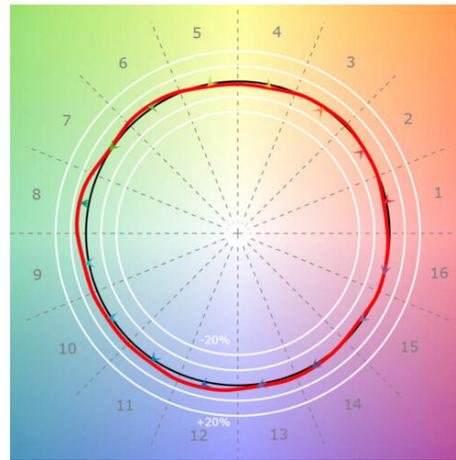
8 TM-30 DATA

**CCT 2700K**



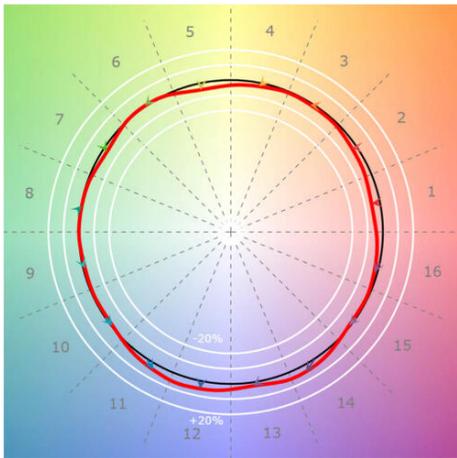
|                 |        |
|-----------------|--------|
| <b>CRI(Ra)</b>  | 94     |
| <b>CRI(R9)</b>  | 58     |
| <b>TM30(Rf)</b> | 93     |
| <b>TM30(Rg)</b> | 99     |
| <b>Duv</b>      | 0.0004 |

**CCT 3000K**



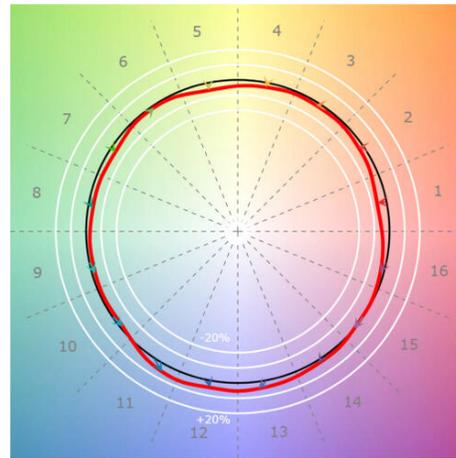
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 94      |
| <b>CRI(R9)</b>  | 75      |
| <b>TM30(Rf)</b> | 93      |
| <b>TM30(Rg)</b> | 102     |
| <b>Duv</b>      | -0.0001 |

**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**

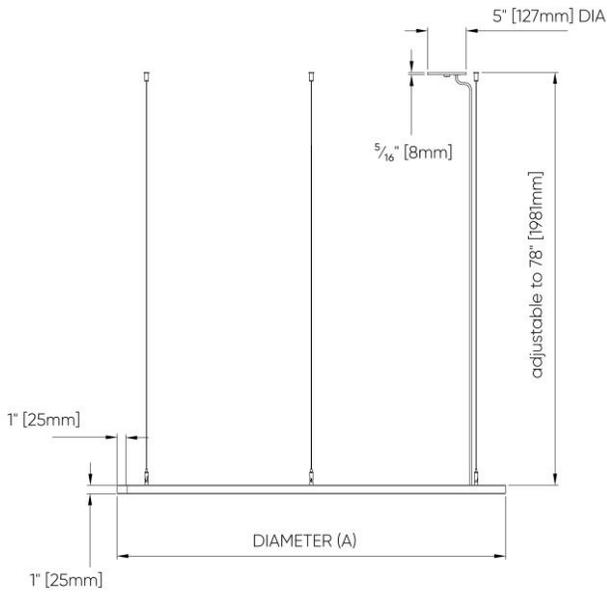


|                 |        |
|-----------------|--------|
| <b>CRI(Ra)</b>  | 92     |
| <b>CRI(R9)</b>  | 50     |
| <b>TM30(Rf)</b> | 89     |
| <b>TM30(Rg)</b> | 97     |
| <b>Duv</b>      | 0.0011 |

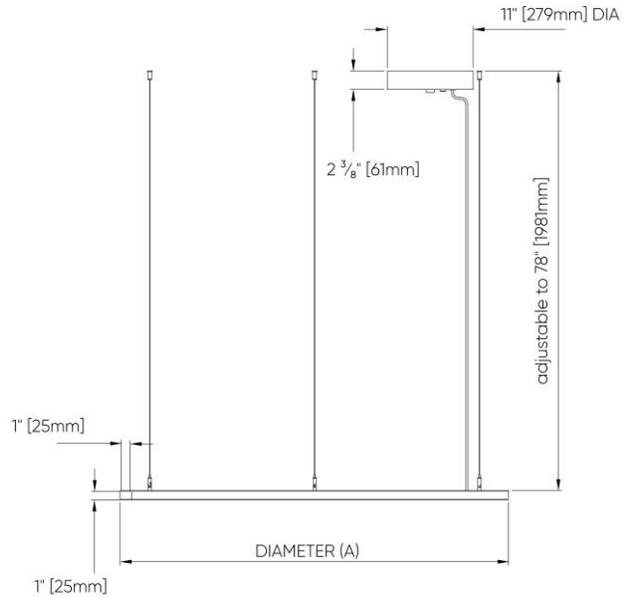
**9** DIMENSIONAL DIAGRAMS

**Power Cable Suspension**

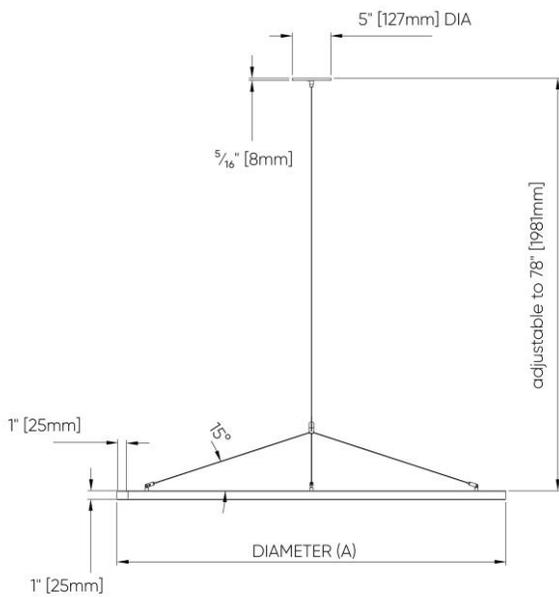
**SS1**  
Vertical - Remote Driver



**SS3**  
Vertical - Integral Driver



**SS2**  
Hub - Remote Driver



**SS4**  
Vertical - Integral Driver

