

MICRO RING SE™ - SUSPENSION

Project Name:

Fixture Type:

Fixture Code:

Quantities:



MICRO RING SE™ - SUSPENSION



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Featuring an ultra-sleek design and a range of six diameters from 2' to 12', **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 8' 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.

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

0.08.

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.

Diffuser

Protruding Lens 0.08" (2.1mm).

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.

Mechanical

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

Acoustic Panels Class A fire Rating

ASTM E-84 material.

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.

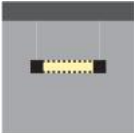
Approvals

Damp Rated.

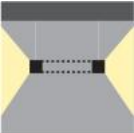


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MOUNTING & OPTICS



Suspended Inside



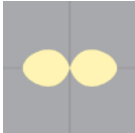
Suspended Outside



Acoustic



Inside General Diffuse



Outside General Diffuse



Declare



PoE

MICRO RING SE™ - SUSPENSION

HOW TO ORDER

A. LUMINAIRE

MRGP1P02 26" Inside ring
MRGP1P06 72" Inside ring
MRGP2P04 48" Outside ring

MRGP1P03 36" Inside ring
MRGP1P07 84" Inside ring
MRGP2P05 60" Outside ring

MRGP1P04 48" Inside ring
MRGP2P02 26" Outside ring
MRGP2P06 72" Outside ring

MRGP1P05 60" Inside ring
MRGP2P03 36" Outside ring
MRGP2P07 84" Outside ring

B. LUMENS/FT

LPF012 125 lm/ft¹

LPF018 185 lm/ft²

LPF025 250 lm/ft³

¹ Based on 50% of total output.

² Based on 75% of total output.

³ 100% of total output.

C. CRI

CR80 CRI 80+

CR90 CRI 90+

D. CCT

CTA27 2700K¹

CTA30 3000K

CTA35 3500K

CTA40 4000K

¹ Longer than normal lead times may apply, consult factory.

E. VOLTAGE

V1 120/277V

V2 240V¹

V3 347V²

V4 Low Voltage³

¹ Not available in North America.

² Available with DA01 dimming only.

³ Available with DA45 dimming only.

F. DIMMING (REMOTE)

DA01 0-10V Dimming 1.0%

DA20 DALI Dimming 0.1%¹

DA21 DALI Dimming 1.0%¹

DA45 PoE²

¹ Not available with V3.

² Available with V4 only.

G. SUSPENSION

SS1 Vertical, Remote driver

SS2 Hub, Remote driver¹

SS3 Vertical, Driver Integral to Canopy

SS4 Hub, Driver Integral to Canopy¹

¹ Available up to 5ft dia. only.

H. 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

I. 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



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J. ACOUSTIC PANEL COLOR

AP00 Not required
AP11 Light Gray

AP04 White
AP26 Sesame Gray

AP13 Apple Green
AP27 Black

AP22 Blue

Available up to 48" in diameter. Larger sizes available with visible seams, consult factory. Other finishes available, consult factory.

K. EMERGENCY

E0 Not required

E2 Emergency system - Remote

MICRO RING SE™ - SUSPENSION

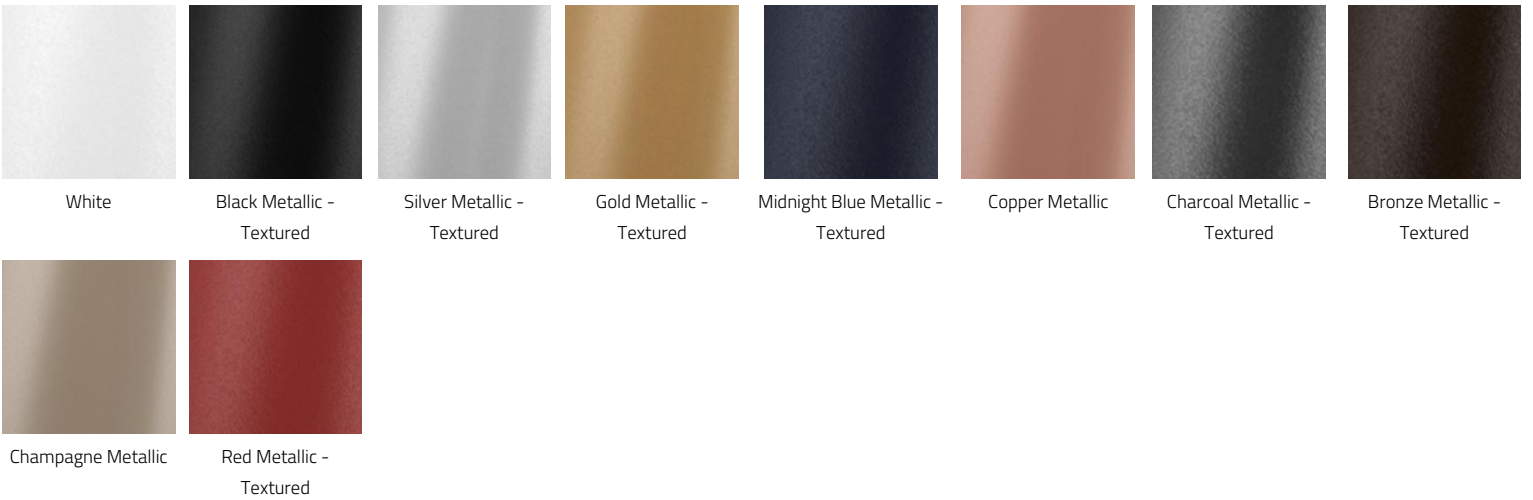
TECHNICAL DATA

LUMINAIRE

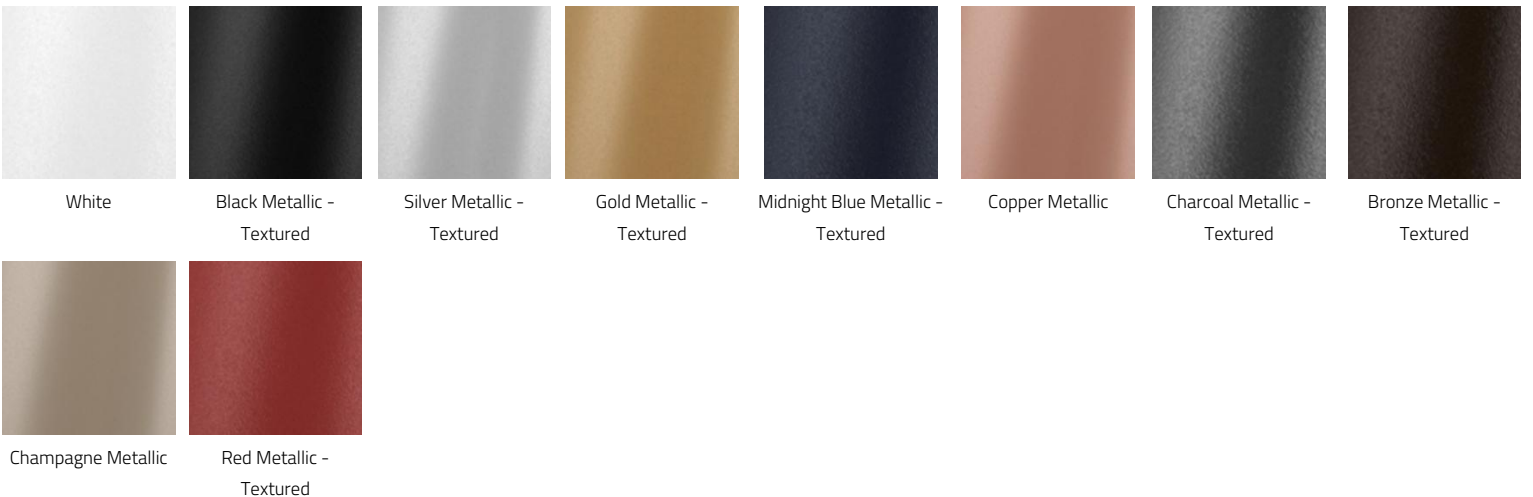
Code	MRGP1P02	MRGP1P03	MRGP1P04	MRGP1P05	MRGP1P06	MRGP1P07
Diameter	26"	36"	48"	60"	72"	84"
Wattage	28	39	50	68	80	90
Delivered lms	1600	2300	2900	4000	4700	5300
LPW	59	59	59	59	59	59
Suspension Points	3	3	3	3	6	6

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

FIXTURE FINISH



CANOPY FINISH



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ACOUSTIC PANEL COLOR

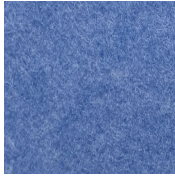
Not required



White



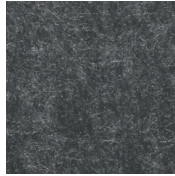
Apple Green



Blue



Light Gray



Sesame Gray



Black

Available up to 48" in diameter. Larger sizes available with visible seams, consult factory. Other finishes available, consult factory.

APPROVALS



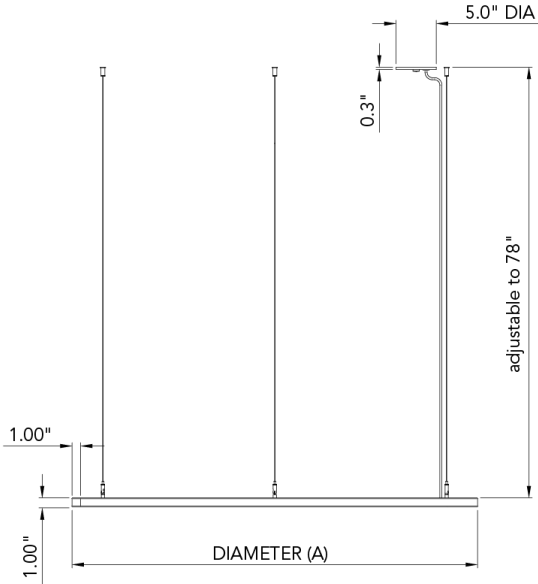
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DIMENSIONAL DIAGRAMS

Power Cable Suspension

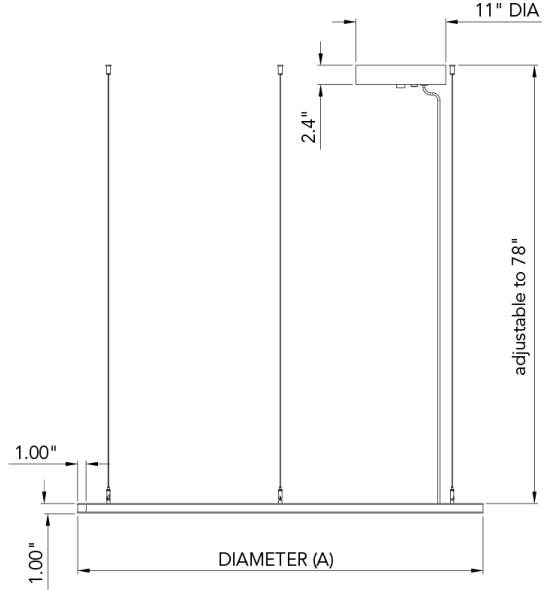
SS1

Vertical - Remote Driver



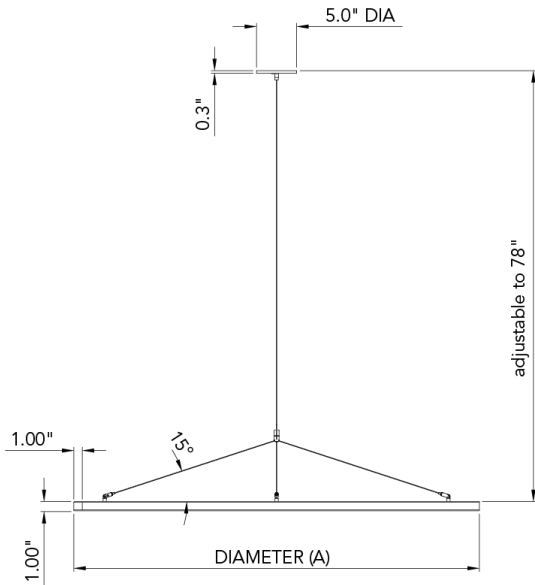
SS3

Vertical - Integral Driver



SS2

Hub - Remote Driver



SS4

Vertical - Integral Driver

