

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

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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 ¹

EFF2 High efficiency ²

¹ Standard efficiency refers to Standard efficacy.

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

C. LUMENS/FT DIRECT

LPF017 175 lm/ft ^{1 2}

LPF026 260 lm/ft ^{1 2}

LPF035 350 lm/ft ^{1 2}

LPF052 525 lm/ft ^{1 2}

LPF080 800 lm/ft ²

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

² 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 ^{1 2}

LPG026 260 lm/ft ^{1 2}

LPG035 350 lm/ft ^{1 2}

LPG052 525 lm/ft ²

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

² 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 ¹

CTA30 3000K

CTA35 3500K

CTA40 4000K

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

G. CCT (INDIRECT)

CTB00 Not required

CTB27 2700K ¹

CTB30 3000K

CTB35 3500K

CTB40 4000K

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

H. VOLTAGE

V1 120/277V

V2 240V ¹

V3 347V ²

V4 Low Voltage ³

¹ Not available in North America.

² Available with DA01 dimming only.

³ V4 available with DA45 dimming only.



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I. DIMMING

DA01 0-10V Dimming 1.0%

DA20 DALI Dimming 0.1%¹

DA21 DALI Dimming 1.0%¹

DA45 PoE²

¹ Not available with MRTP2P05, MRTP2P06 or MRTP2P07.

² Available with V4 only.

J. SUSPENSION

SS1 Vertical, Remote driver

SS2 Hub, Remote driver¹

SS3 Vertical, Integral driver²

SS4 Hub, Integral driver²

SS6 Power Over Suspension Cable, Vertical Remote driver¹

SS7 Power over Suspension, Hub, Remote driver^{1 4}

SS9 Power over Suspension, Hub, Integral driver^{1 3 4}

¹ 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.

² 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.

³ Available with V1 voltage only.

⁴ 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

FA01 White

FA02 Black Metallic - Textured

FA20 Silver Metallic - Textured

FA25 Gold Metallic - Textured

FA27 Wood grain - Light Cherry¹

FA28 Wood grain - Dark Walnut¹

FA44 Midnight Blue Metallic - Textured

FA45 Copper Metallic

FA46 Charcoal Metallic - Textured

FA47 Bronze Metallic - Textured

FA52 Champagne Metallic

FA53 Red Metallic - Textured

¹ 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

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

M. ACOUSTIC PANEL COLOR

AP00 Not required

AP04 White

AP13 Apple Green

AP22 Blue

AP11 Light Gray

AP26 Sesame Gray

AP27 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

E0 Not required

E2 Emergency system - Remote

O. CIRCUITS

CS1 Single circuit

CS2 Dual circuit



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TECHNICAL DATA

LUMINAIRE

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

Max values shown*

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

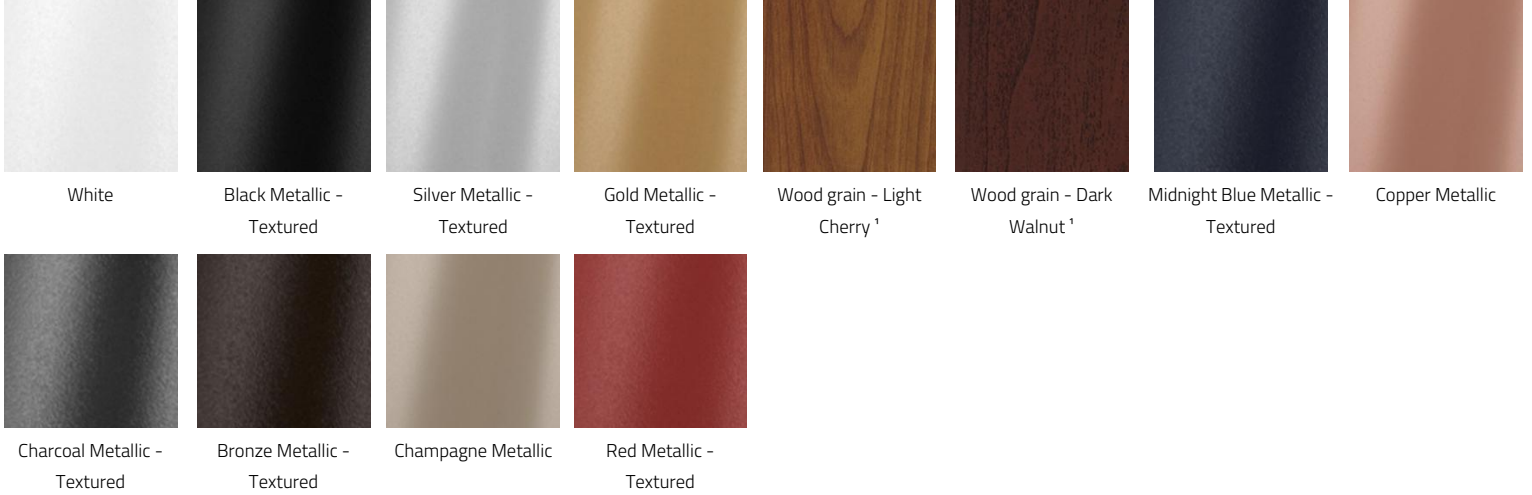
Max values shown*

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

Max values shown*

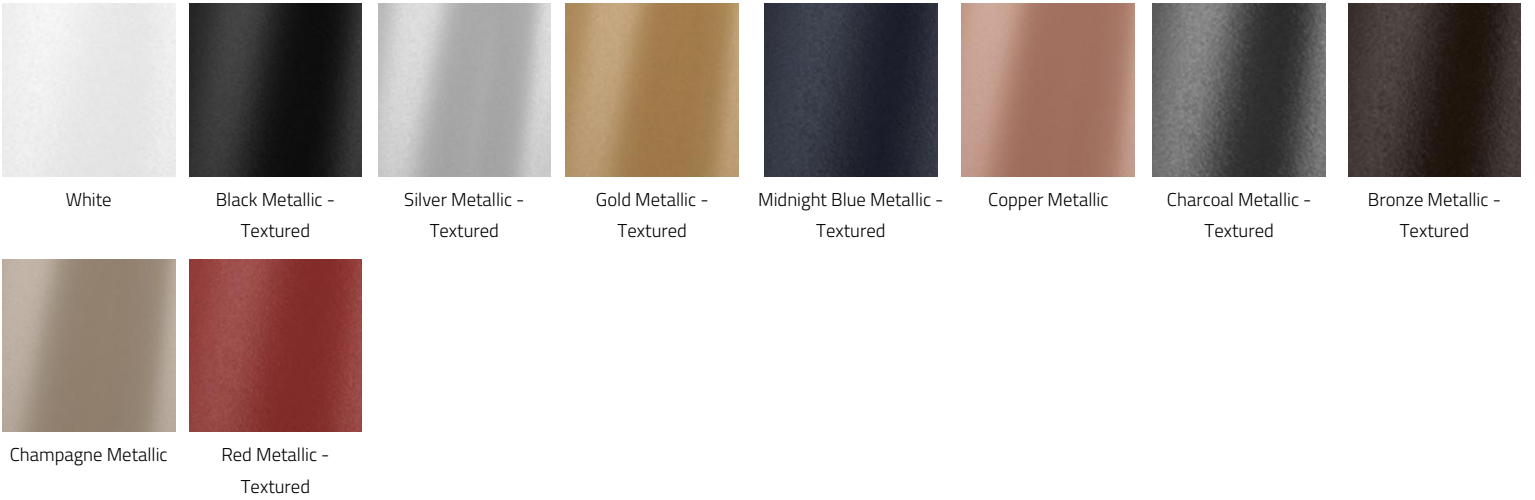
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FIXTURE FINISH

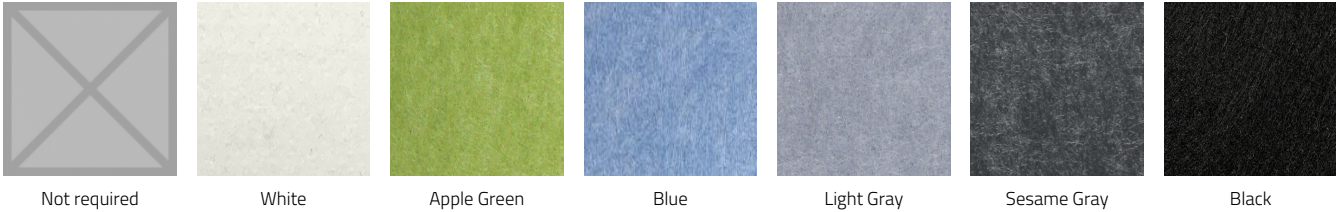


¹ Wood grain finishes are not available for 2ft diameter or above 6ft diameter. Longer than normal lead times may apply, consult factory.

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



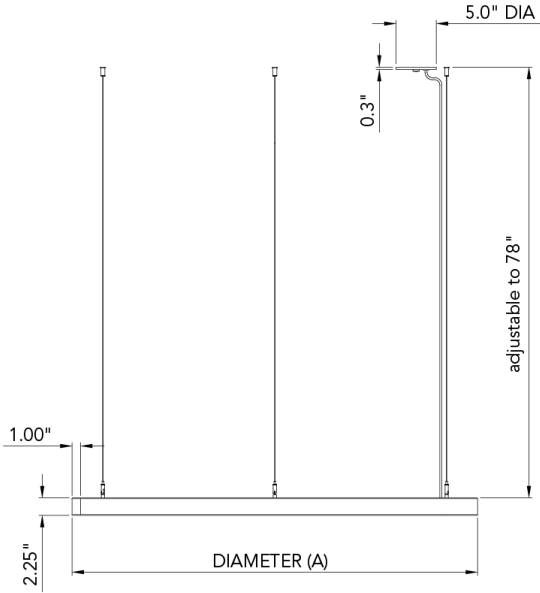
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DIMENSIONAL DIAGRAMS

Power Cable Suspension

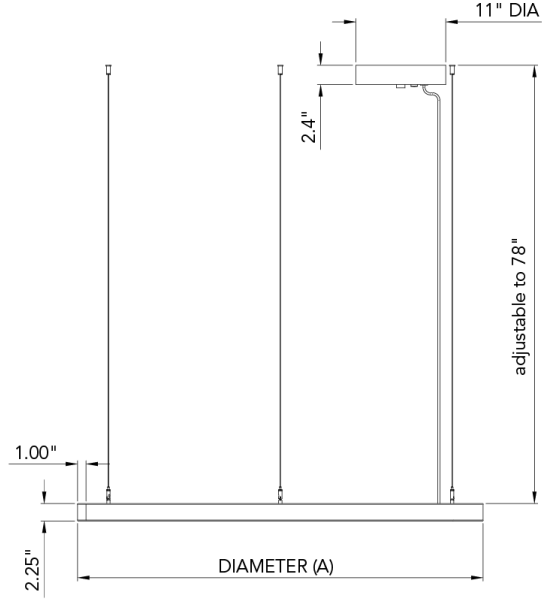
SS1

Vertical - Remote Driver



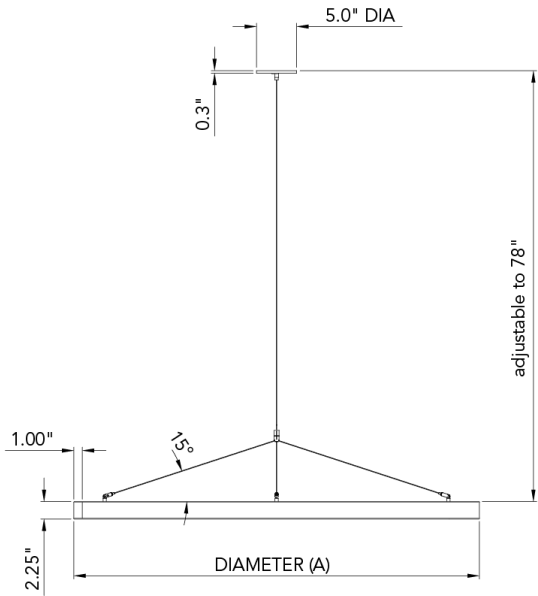
SS3

Vertical - Integral Driver



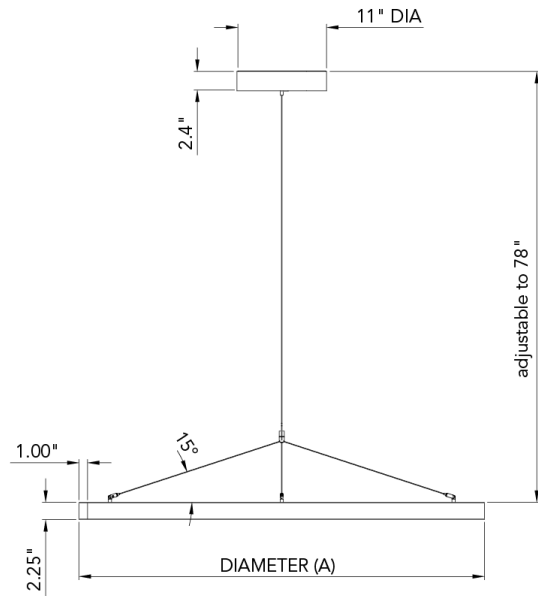
SS2

Hub - Remote Driver



SS4

Vertical - Integral Driver

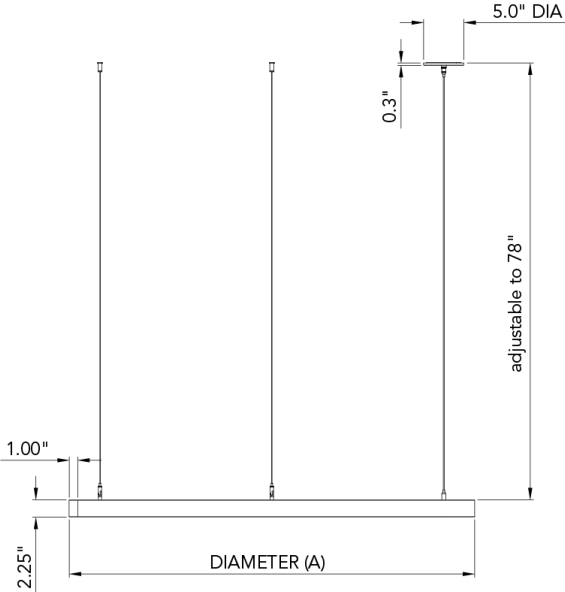


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Power Over Suspension

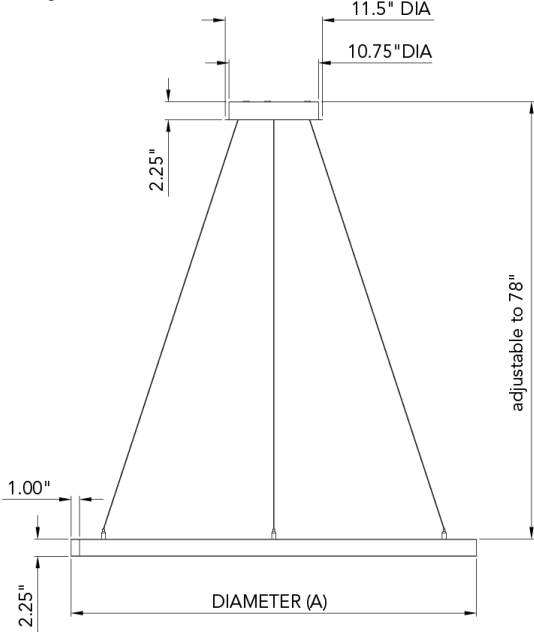
SS6

Vertical - Remote Driver



SS9

Hub - Integral Driver



SS7

Hub - Remote Driver

