

MICRO RING DIRECT™ - SUSPENDED

Project Name:

Fixture Type:

Fixture Code:

Quantities:



MICRO RING DIRECT™ - SUSPENDED



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MICRO RING DIRECT sets a new performance benchmark in decorative rings, boasting a best-in-class lumen efficacy of 104 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 DIRECT**, available in 6 diameters ranging from 2 feet to 7 feet, makes it ideal for crafting grand, multi-tiered circular installations. This versatile ring is part of the larger MICRO RING family, which includes five additional light emission options for layered lighting effects. Whether used as a solitary statement piece or in a composition, **MICRO RING DIRECT's** impact is undeniable. Moreover, **MICRO RING DIRECT** addresses acoustic needs with an optional acoustic panel for sizes up to 4 feet in diameter. These panels are specifically designed to reduce echo and reverberation commonly found in modern open-plan spaces, areas with exposed concrete, open ceilings, and rooms with large windows. For a touch of whimsy and creative flair, MICRO RING can be combined with other shapes like MICRO TRIANGLE or MICRO QUAD, adding a dynamic and playful dimension to any space.

GENERAL SPECIFICATION

Body and trim

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).

Mechanical

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

Acoustic Panels Class A Fire Rating

ASTM E-84 material.

Acoustic Panels Material

100% recycled polyester fiber (PET).

Sensors

Consult factory regarding sensor compatibility.

Delivered Lumens

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

Approvals

Damp Rated.

Finish

Powder coated.

Power cable

Silver braided.

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. Drivers are either remote mounted or integral to the canopy depending on the size of the fixture.

PoE

Integrates into your data network via Power over Ethernet (PoE) connectivity.

Acoustic Panels NRC Rating

0.80

Acoustic Panels Thickness

12mm (0.5")

Diffuser

Protruding Lens 0.08" (2.1mm).

L70 @25°C

> 60,000 hrs.

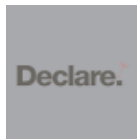
MOUNTING & OPTICS



Suspended Direct



Acoustic



Declare



PoE

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HOW TO ORDER

A. LUMINAIRE

MRRP1P02 2ft, 4700 lms

MRRP1P03 3ft, 6900 lms

MRRP1P04 4ft, 8800 lms

MRRP1P05 5ft, 12900 lms

MRRP1P06 6ft, 14100 lms

MRRP1P07 7ft, 16800 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. LM/FT

LPF017 175 lm/ft ^{1 2}

LPF026 260 lm/ft ^{1 2 3}

LPF035 350 lm/ft ^{1 2 4}

LPF052 525 lm/ft ^{2 5}

LPF075 750 lm/ft ^{2 6}

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

² High efficiency is available from 175 lm/ft to 750 lm/ft.

D. CRI

CR80 CRI 80+

CR90 CRI 90+

E. CCT

CTA27 2700K

CTA30 3000K

CTA35 3500K

CTA40 4000K

F. VOLTAGE

V1 120/277V

V2 240V ¹

V3 347V ²

V4 Low Voltage ³

¹ Not available in North America.

² Only available with DA01 dimming.

³ Only available with DA45.

G. DIMMING (REMOTE)

DA01 0-10V Dimming 1.0%

DA20 DALI Dimming 0.1% ¹

DA21 DALI Dimming 1.0% ¹

DA45 PoE ²

¹ Not available with V3.

² Only available with V4.

H. SUSPENSION

SS1 Vertical, remote driver

SS2 Hub, Remote driver ¹

SS3 Vertical, Driver Integral to Canopy

SS4 Hub, Driver Integral to Canopy ¹

¹ available up to 60" diameter.

I. 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



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J. 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

K. 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 available with visible seam, consult factory.
Other finishes available. Consult factory.

L. EMERGENCY

- E0** Not required
- E2** Emergency system - Remote

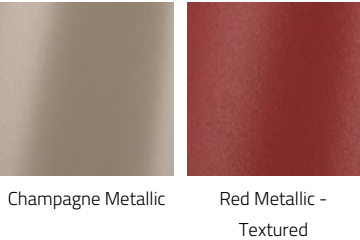
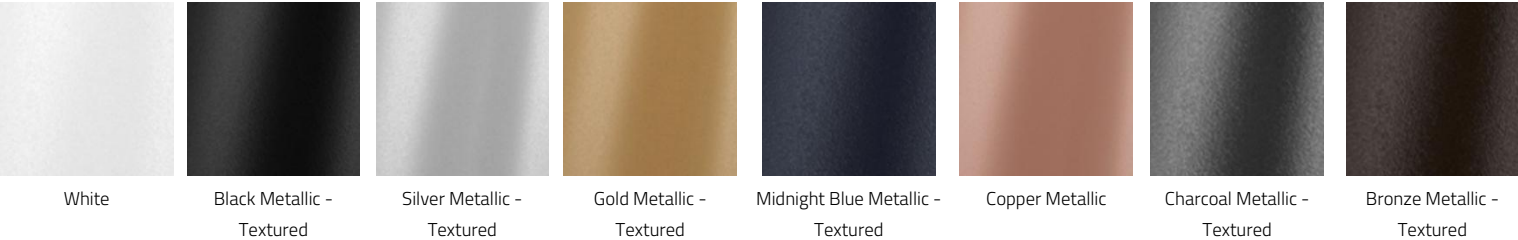
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TECHNICAL DATA

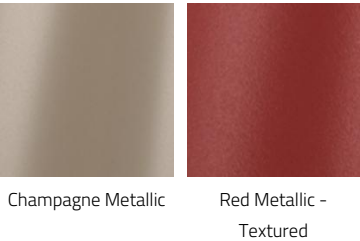
LUMINAIRE

Code	MRRP1P02	MRRP1P03	MRRP1P04	MRRP1P05	MRRP1P06	MRRP1P07
Diameter (A)	2ft	3ft	4ft	5ft	6ft	7ft
EFF1 Watts	32	48	62	84	99	118
EFF1 Del. Lms	2200	3200	4200	5600	6600	7900
EFF1 LPW	69	69	69	69	69	69
EFF2 Watts	48	72	93	126	148	176
EFF2 Del. Lms	4700	6900	8800	12000	14100	16800
EFF2 LPW	104	104	104	104	104	104
Suspension Points	3	3	3	3	6	6

FIXTURE FINISHE



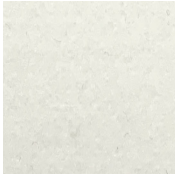
CANOPY FINISHES



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ACOUSTIC PANEL FINISH

Not required



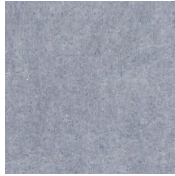
White



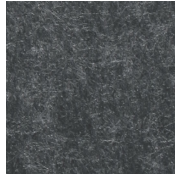
Apple Green



Blue



Light Gray



Sesame Gray



Black

Available up to 4ft diameter. Larger sizes available with visible seam, consult factory.
Other finishes available. Consult factory.

APPROVALS

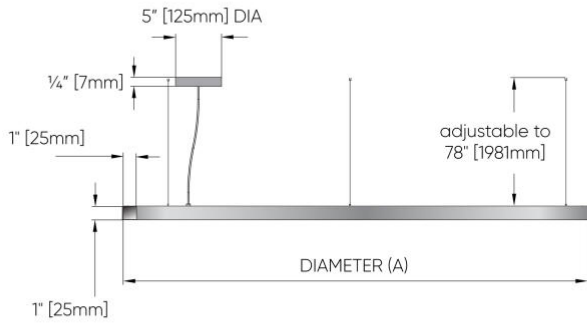


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DIMENSIONAL DIAGRAMS

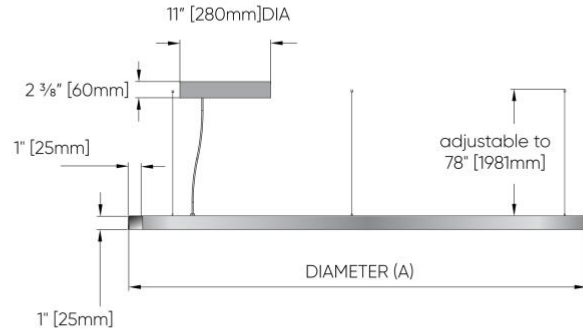
SS1

Vertical - Remote Driver



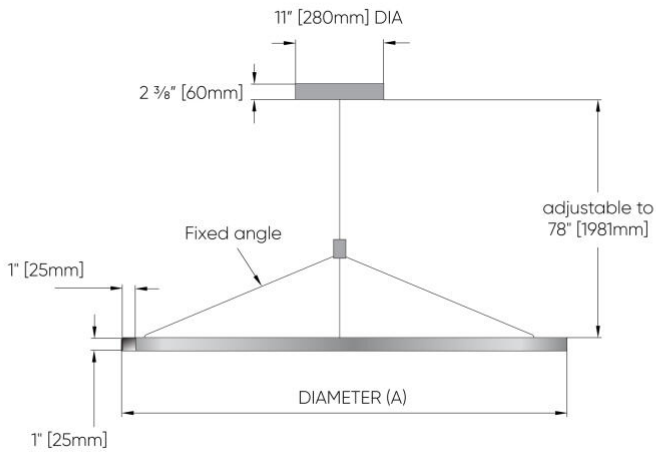
SS3

Vertical - Integral Driver



SS4

Hub - Integral Driver



SS2

Hub - Remote Driver

