

# MICRO RING II 3D™ - SUSPENDED

Project Name:

Fixture Type:

Fixture Code:

Quantities:



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**MICRO RING 3D** 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.

**MICRO RING 3D's** impact is undeniable, particularly notable for the ambient halo effect it casts with its indirect lighting. The slim compilation is available with 2 or 3 rings spanning diameters of 6 or 7 feet, or a custom configuration can be created using the full MICRO RING collection with diameters up to 12 feet, and includes four additional light emission options for layered lighting effects.

Expanding your options to better meet a wide range of design requirements, we now offer a lower output **MICRO RING II 3D**. 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 3D** 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.

### Drivers

Remote HPF electronic drivers for 120-277V (EU-240V).

### 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 4.5m/15'. Test switch fits a single gang box (not supplied).

### Suspension

Stainless steel cables. For custom suspension combinations of all of our Micro Series products please consult the factory.

### PoE

Micro Ring II 3D can integrate into your data network via Power over Ethernet (PoE) connectivity.

### Mechanical

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

### L70 @25°C (77°F)

> 60,000 hrs.

### Power cable

Silver braided.

### Finish

Powder coated for standard finishes. For wood grain finishes, the canopy will be white.

### Remote Mounting Of Drivers

Wire size 18 AWG - max distance (from fixture to drivers) 40', wire size 16 AWG - max distance 60', wire size 14 AWG - max distance 90'. Drivers must be accessible after installation.

### Diffuser

Protruding Lens (2.1mm/0.08")

### Sensors

Consult factory regarding sensor compatibility.

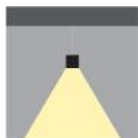
### Delivered Lumens

Delivered lumens & LPW based on 4000K (min 80 CRI) for White LEDs only.

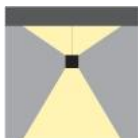
### Approvals

Damp Rated.

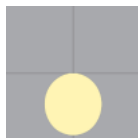
## MOUNTING & OPTICS



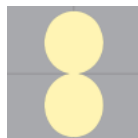
Suspended Direct



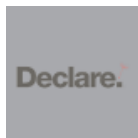
Suspended Direct/Indirect



Direct



Direct-indirect



Declare



PoE



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## HOW TO ORDER

### A. LUMINAIRE

**MREP1P01** Type A Direct, 24700lms

**MREP1P02** Type B Direct, 38400lms

**MREP2P01** Type A Direct/Indirect,  
34200 lms

**MREP2P02** Type B Direct/Indirect,  
51700 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 <sup>1</sup>

**CTA30** 3000K

**CTA35** 3500K

**CTA40** 4000K

<sup>1</sup> Longer than normal lead times may apply, consult factory.

### G. CCT (INDIRECT)

**CTB00** Not required

**CTB27** 2700K <sup>1</sup>

**CTB30** 3000K

**CTB35** 3500K

**CTB40** 4000K

<sup>1</sup> Longer than normal lead times may apply, consult factory.

### 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> Available with DA45 dimming only.

### I. DIMMING (REMOTE ONLY)

**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> DA20 & DA21 available with Types A & B, Direct only.

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



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## J. FIXTURE FINISH

**FA01** White

**FA02** Black Metallic Textured

**FA20** Silver Metallic Textured

**FA25** Gold Metallic Textured

**FA27** Wood Grain - Light Cherry <sup>1</sup>

**FA28** Wood Grain - Dark Walnut <sup>1</sup>

**FA44** Midnight Blue Metallic Textured

**FA45** Copper Metallic

**FA46** Charcoal Metallic Textured

**FA47** Bronze Metallic Textured

**FA52** Champagne Metallic

**FA53** Red Metallic Textured

<sup>1</sup> Available for Type A's only. Longer than normal lead times may apply, consult factory.

## K. 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

## L. EMERGENCY

**E0** Emergency system not required

**E2** Remote emergency system



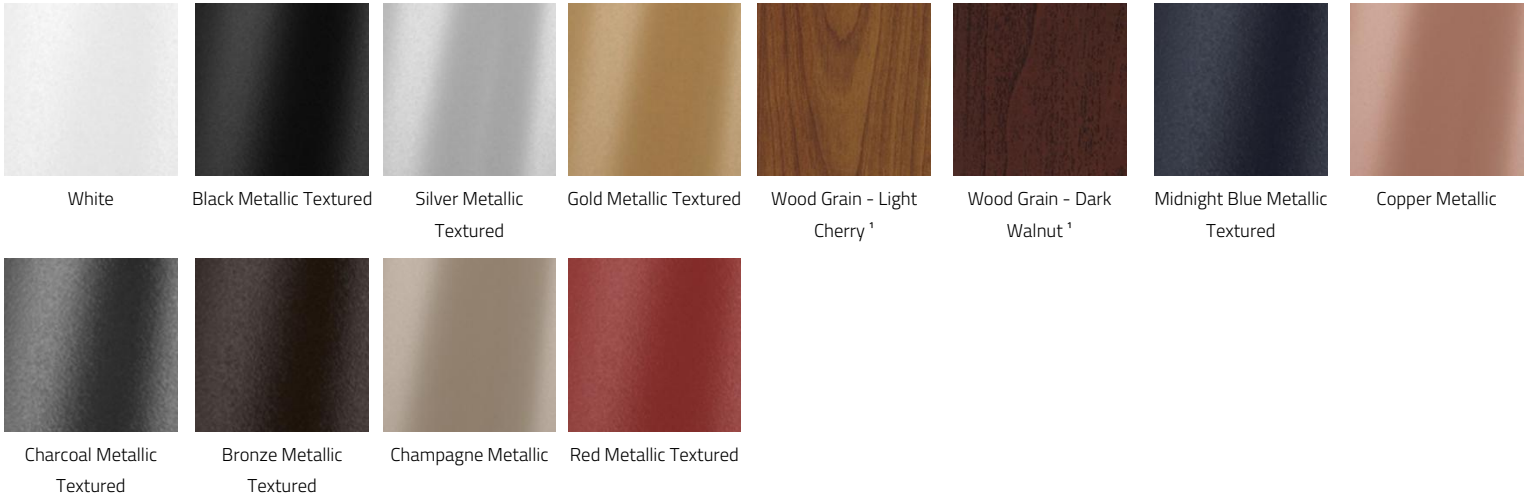
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## TECHNICAL DATA

### LUMINAIRE

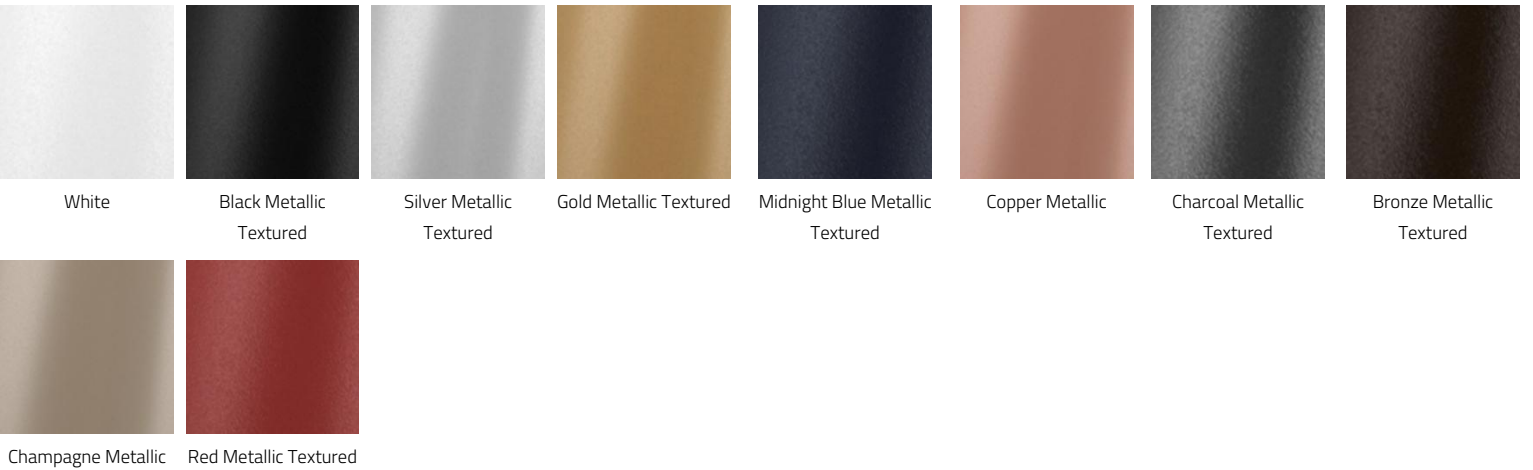
| Code            | MREP1P01  | MREP1P02       | MREP2P01        | MREP2P02        |
|-----------------|-----------|----------------|-----------------|-----------------|
| Type            | A         | B              | A               | B               |
| Light Direction | Direct    | Direct         | Direct/Indirect | Direct/Indirect |
| Size            | 48" & 72" | 36", 60" & 84" | 48" & 72"       | 36", 60" & 84"  |
| EFF1 Watts      | 260       | 402            | 343             | 513             |
| EFF1 Del. Lms   | 16300     | 25300          | 22400           | 33800           |
| EFF1 LPW        | 69        | 69             | 69              | 69              |
| EFF2 Watts      | 260       | 402            | 338             | 512             |
| EFF2 Del. Lms   | 24700     | 38400          | 34200           | 51700           |
| EFF2 LPW        | 104       | 104            | 105             | 105             |

### FIXTURE FINISH



<sup>1</sup> Available for Type A's only. Longer than normal lead times may apply, consult factory.

### CANOPY FINISH



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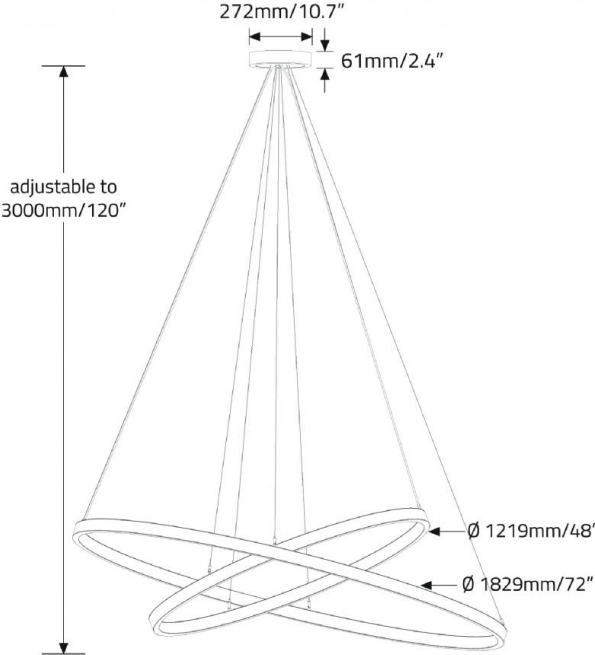
## APPROVALS



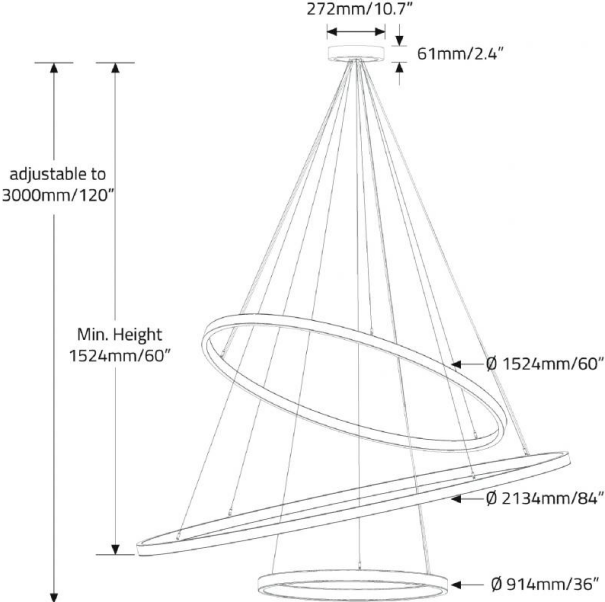
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## DIMENSIONAL DIAGRAMS

TYPE A



TYPE B



Ø 2134mm/84" - Maximum angle 15° horizontally