

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.

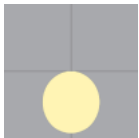
MOUNTING & OPTICS



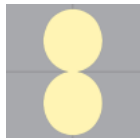
Suspended Direct



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 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.

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 Available with DA45 dimming only.

I. DIMMING (REMOTE ONLY)

DA01 0-10V Dimming 1.0%

DA20 DALI Dimming 0.1% ¹

DA21 DALI Dimming 1.0% ¹

DA45 PoE ²

¹ DA20 & DA21 available with Types A & B, Direct only.

² 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 ¹ | FA28 Wood Grain - Dark Walnut ¹ | FA44 Midnight Blue Metallic Textured | FA45 Copper Metallic |
| FA46 Charcoal Metallic Textured | FA47 Bronze Metallic Textured | FA52 Champagne Metallic | FA53 Red Metallic Textured |

¹ 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 |
|---|-----------------------------------|



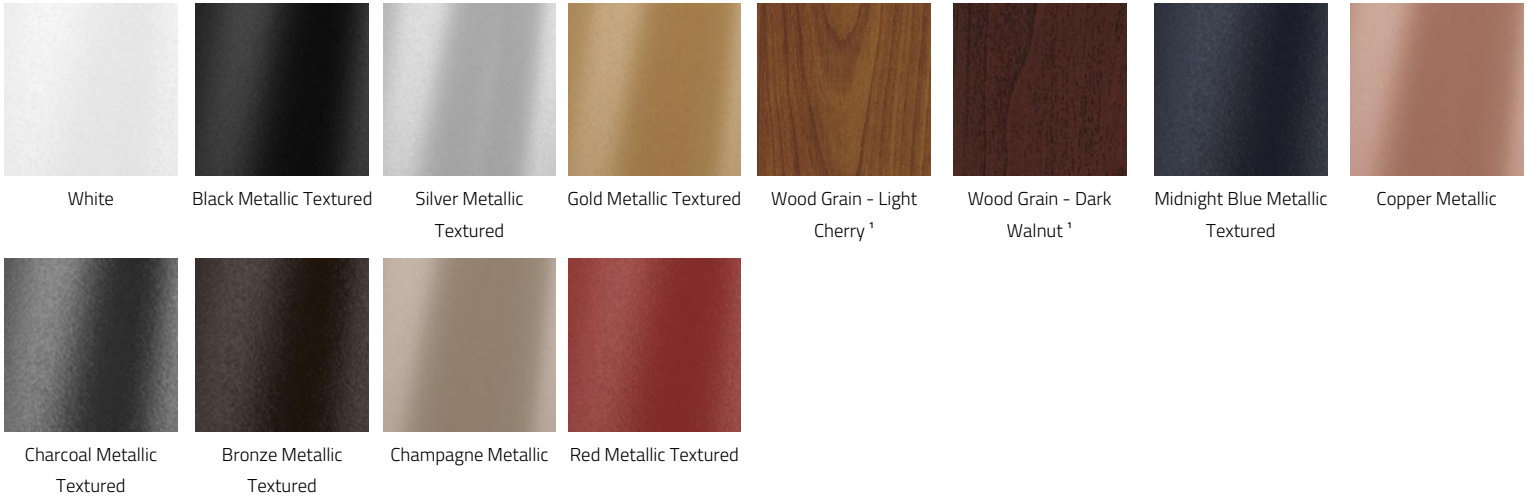
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TECHNICAL DATA

LUMINAIRE

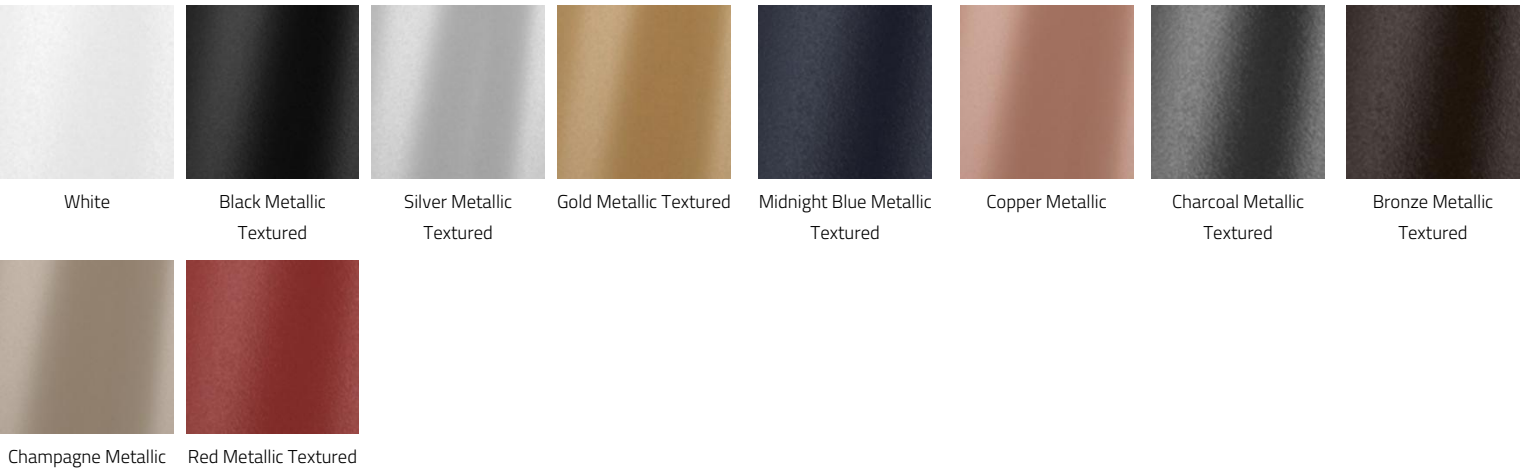
| Code | MREP1P01 | MREP1P02 | MREP2P01 | MREP2P02 |
|-------------------------|-----------|----------------|-----------------|-----------------|
| Type | A | B | A | B |
| Light Direction | Direct | Direct | Direct/Indirect | Direct/Indirect |
| Size | 48" & 72" | 36", 60" & 84" | 48" & 72" | 36", 60"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

FIXTURE FINISH



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

CANOPY FINISH



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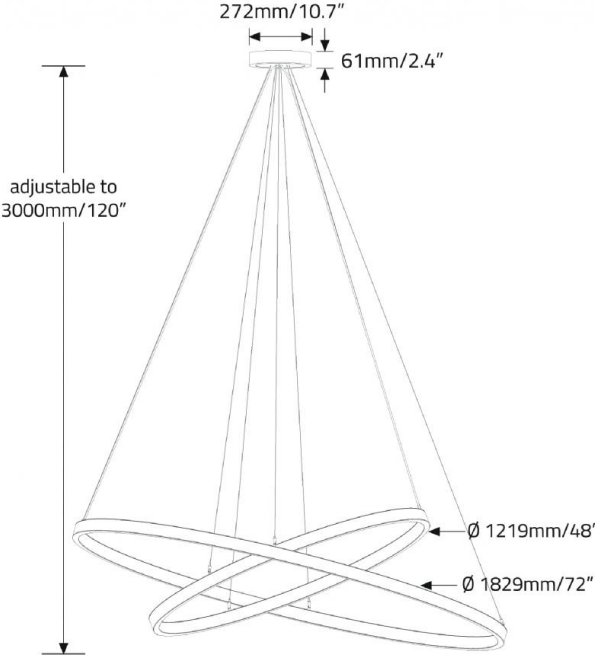
APPROVALS



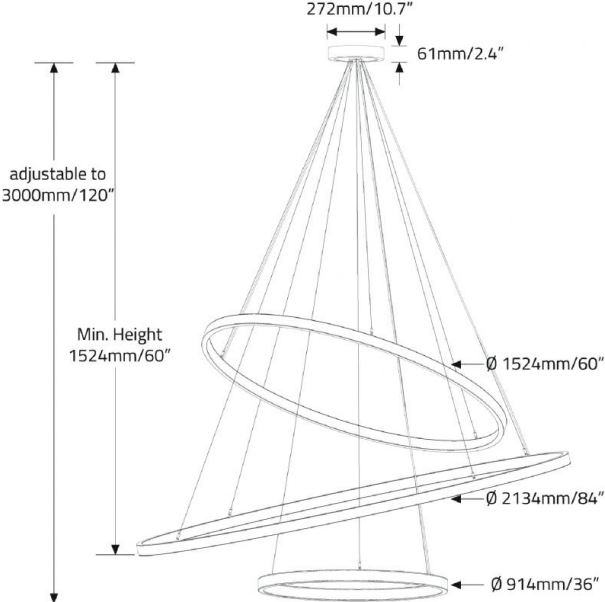
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DIMENSIONAL DIAGRAMS

TYPE A



TYPE B



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