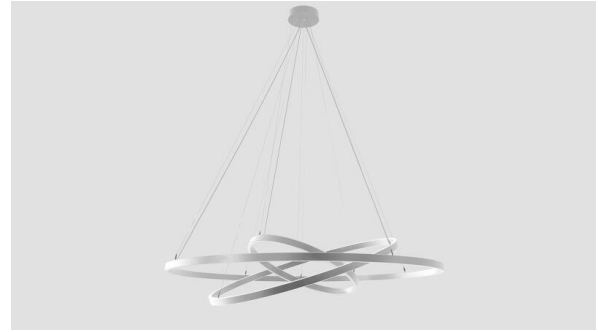




MICRO RING II 3D™

FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

1 DESCRIPTION

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', or a custom configuration can be created using the full **MICRO RING** collection with diameters up to 12', 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.

2 OPTICS & FEATURES

Suspended Direct	Suspended Direct/Indirect	Direct	Direct-indirect	Declare.	PoE

3 APPROVALS



4 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.

SEISMIC BRACING

Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

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. For longer remote distances, consult factory.

LENS

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

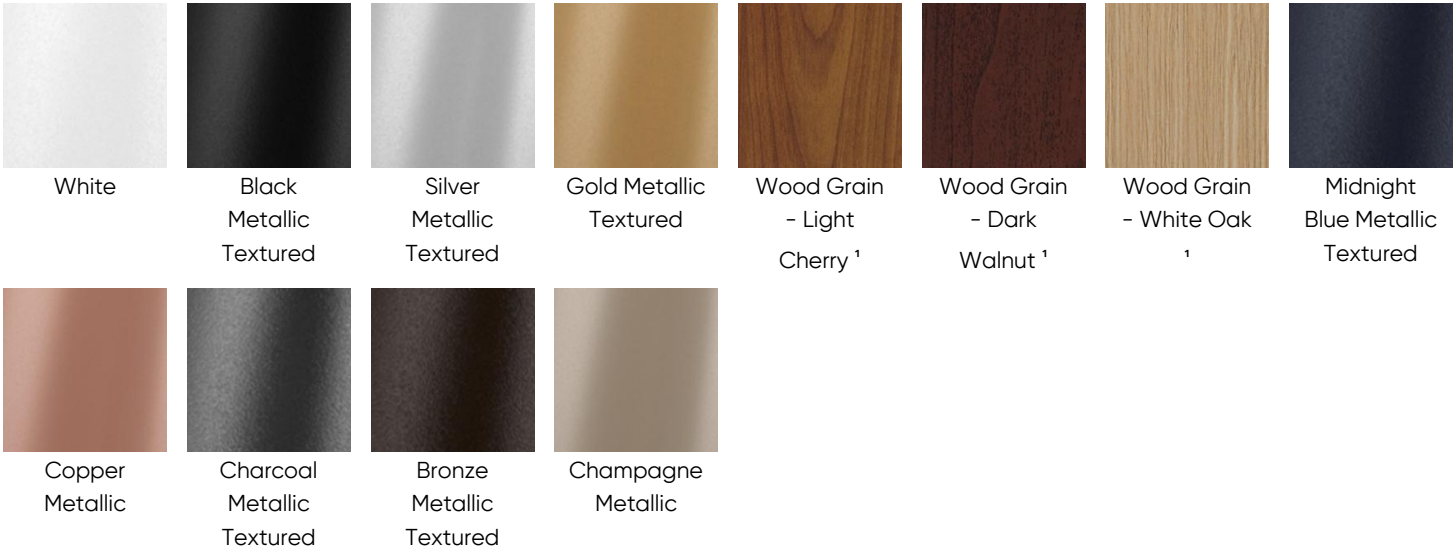
Damp Rated.

SUSTAINABILITY

Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

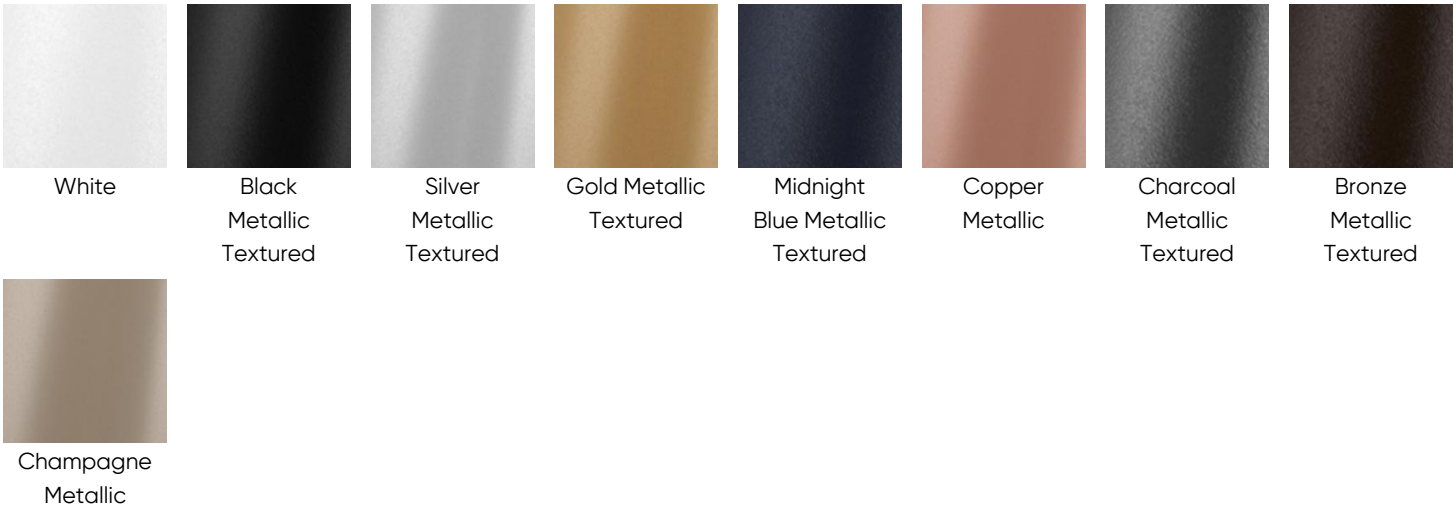
5 DESIGN OPTIONS

FIXTURE FINISH



¹ Available for Type A's only. Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

CANOPY FINISH



6 HOW TO ORDER

1. 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

2. EFFICIENCY

EFF1 Standard efficiency ¹ **EFF2** High efficiency ²

¹ Standard efficiency refers to Standard efficacy. ² High efficiency refers to High efficacy (52% more efficient than Standard efficiency).

3. 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.

4. 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.

5. CRI

CR80 CRI 80+ **CR90** CRI 90+

6. CCT (DIRECT)

CTA27 2700K **CTA30** 3000K **CTA35** 3500K **CTA40** 4000K

7. CCT (INDIRECT)

CTB00 Not required **CTB27** 2700K **CTB30** 3000K **CTB35** 3500K
CTB40 4000K

8. 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.

9. 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.

10. 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 **FA30** Wood Grain – White Oak ¹ **FA44** Midnight Blue Metallic Textured
FA45 Copper Metallic **FA46** Charcoal Metallic Textured **FA47** Bronze Metallic Textured **FA52** Champagne Metallic

¹ Available for Type A's only. Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

11. 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

12. EMERGENCY

E0 Emergency system not required **E2** Remote emergency system

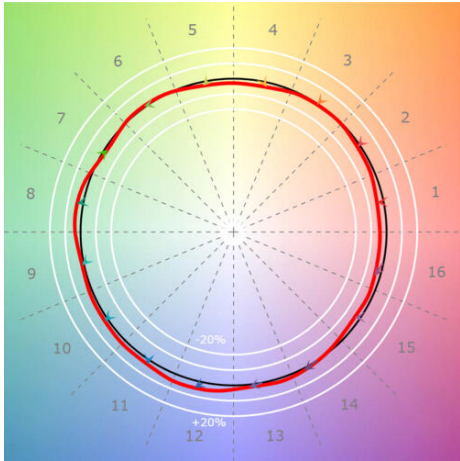
7 TECHNICAL DATA

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

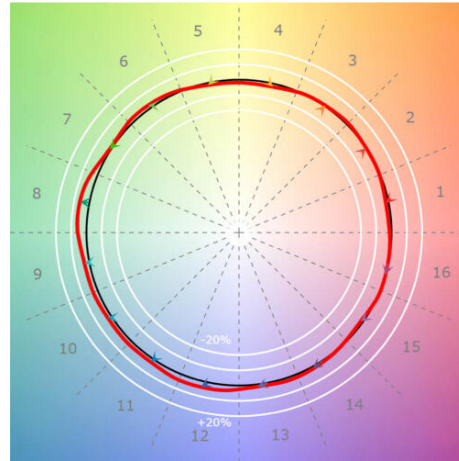
8 TM-30 DATA

CCT 2700K



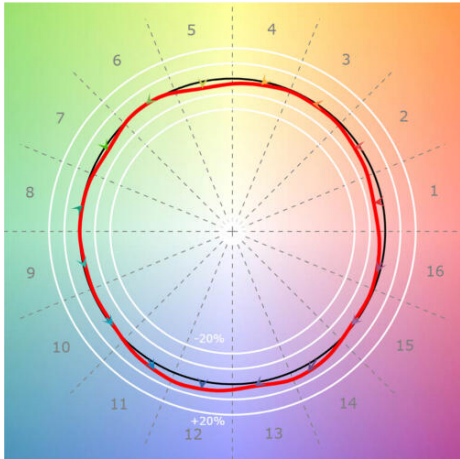
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



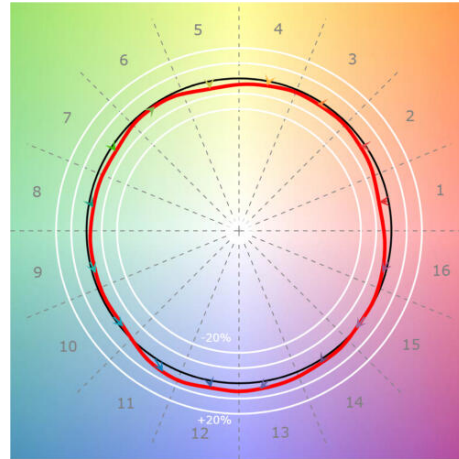
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



CRI(Ra)	94
CRI(R9)	53
TM30(Rf)	91
TM30(Rg)	98
Duv	0.0009

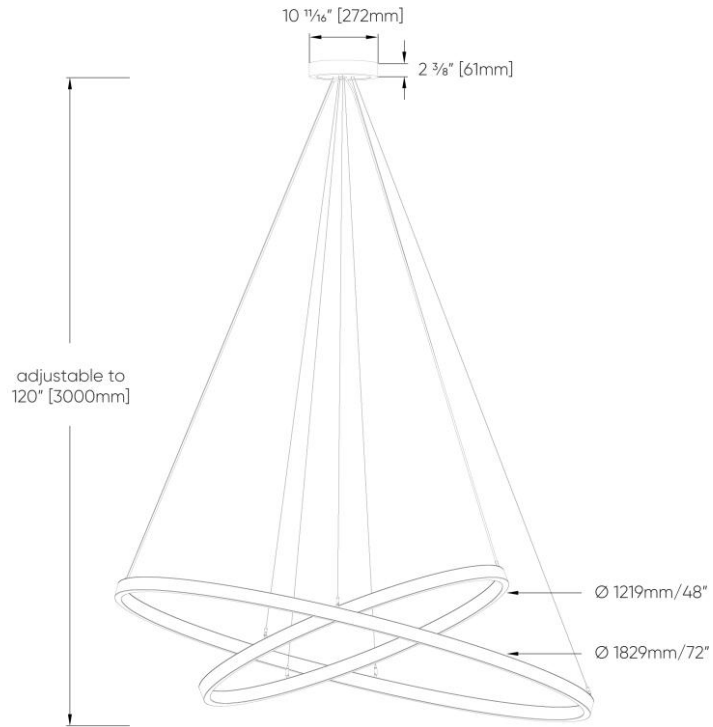
CCT 4000K



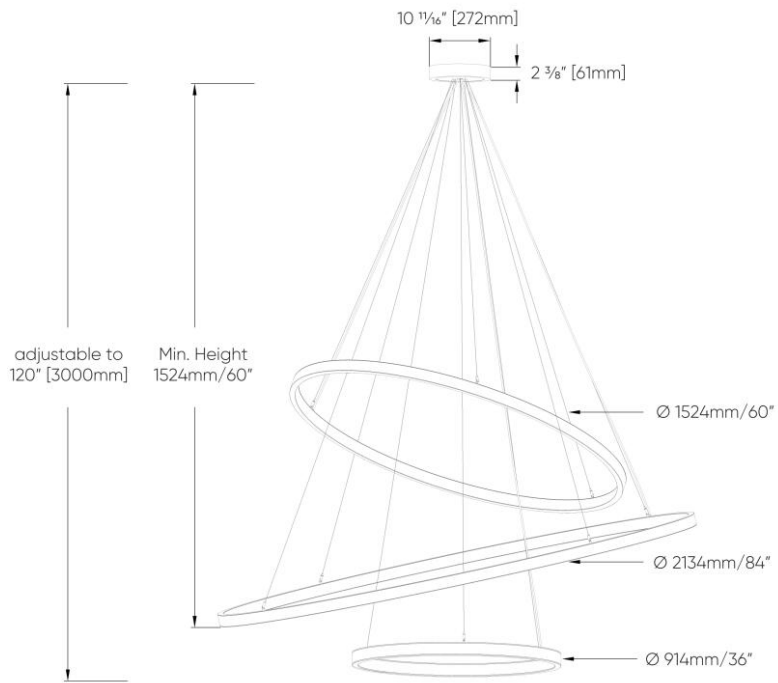
CRI(Ra)	92
CRI(R9)	50
TM30(Rf)	89
TM30(Rg)	97
Duv	0.0011

9 DIMENSIONAL DIAGRAMS

TYPE A



TYPE B



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