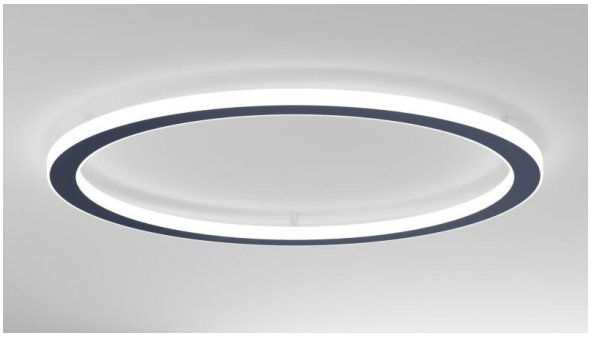
MICRO RING DE™

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

With a super slim profile and 5 diameters ranging from 26" to 72", **MICRO RING DE** is ideal for creating sizable cascaded circular arrangements on a ceiling or wall. The ring emits light from the inside and the outside of the ring, and can be coordinated with 4 other emission options in the **MICRO RING** family to create unique lighting effects. The buoyant and energetic nature of the ring makes **MICRO RING DE** just as impactful as a single standalone piece, especially when illuminated with color options, red, green, or blue. For a whimsical style, combine **MICRO RING** with MICRO TRIANGLE or MICRO QUAD.

2 OPTICS & FEATURES



Surface
Inside/Outside



Wall
Inside/Outside



General Diffuse



Declare



PoE

3 APPROVALS



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4 GENERAL SPECIFICATION

BODY AND TRIM
Aluminium.

FINISH
Powder coated.

LENS
Protruding Lens 0.08" (2.1mm).

SENSORS
Consult factory regarding sensor compatibility.

REMOTE EMERGENCYSYSTEM (E2)
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. Maximum distance between wall/ceiling plate and luminaire is 15' (4.5m). Test switch fits a single gang box (not supplied). Refer to the Emergency option notes below for wattage, configuration and regional details.

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. For longer remote distances, consult factory.

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

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

REPORTED L70 @25°C(77°F)
> 60,000 hrs.

APPROVALS
Damp Rated.

DESIGN
US Pat. No. D835,328.

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

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5 DESIGN OPTIONS

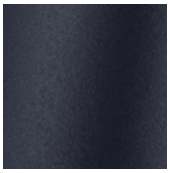
FINISH

White

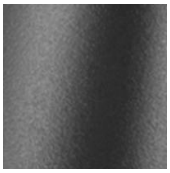

Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic

6 HOW TO ORDER

LUMINAIRE

MRHC2C02 26", 2800 lms
MRHC2C03 36", 4000 lms
MRHC2C04 48", 5300 lms
MRHC2C05 60", 6800 lms
MRHC2C06 72", 8400 lms

LUMENS

LPF027 275 lms/ft [1]
LPF041 410 lms/ft [2]
LPF055 550 lms/ft [3]

[1] Based on 50% of total output. [2] Based on 75% of total output. [3] 100% of total output.

CRI

CR80 CRI 80+
CR90 CRI 90+

CCT

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

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.

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] Available with V4 only.

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

EMERGENCY

E0 Not required
E2 Emergency system - Remote [1]

[1] For North America, the minimum emergency system wattage is 7.5W. Refer to the fixture's lumens per watt to estimate emergency light output. The emergency system typically powers only a portion of the fixture, depending on the fixture configuration and number of drivers. Consult factory for emergency system configuration and illuminated section details.
For Europe, the emergency system wattage and configuration may vary. Consult factory for details.

SURFACE MOUNTING KITS

MK1 Surface mounting kit 1.25" extension c/w 3 spacers [1]
ML1 Surface mounting kit 2.75" extension c/w 3 spacers [2]
MK2 Surface mounting kit 1.25" extension c/w 4 spacers [1] [3]
ML2 Surface mounting kit 2.75" extension c/w 4 spacers [2] [3]

[1] Comes standard. [2] Extended length optional. [3] For use with MREC2C06 only.

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7 TECHNICAL DATA

LUMINAIRE

Code	MRHC2C02	MRHC2C03	MRHC2C04	MRHC2C05	MRHC2C06
Diameter (A)	26"	36"	48"	60"	72"
Wattage	46W	66W	87W	111W	137W
Delivered lms	2800	4000	5300	6800	8400
LPW	61	61	61	61	61
Mounting Points	3	3	3	3	4

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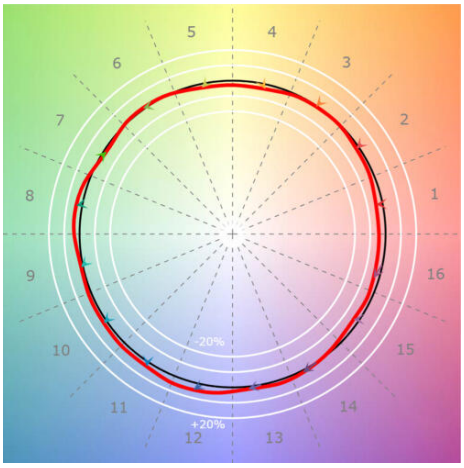
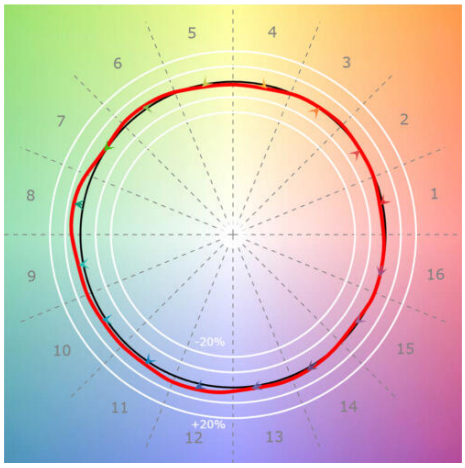
8 TM-30 DATA

CCT 2700K



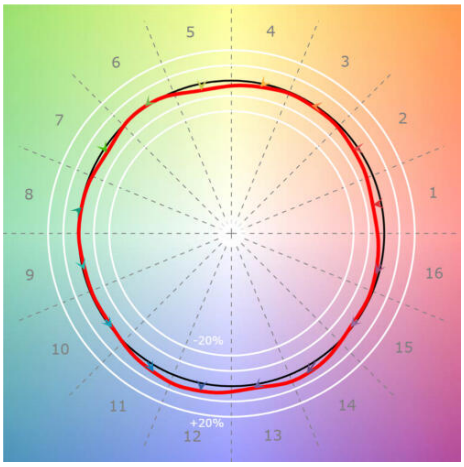
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



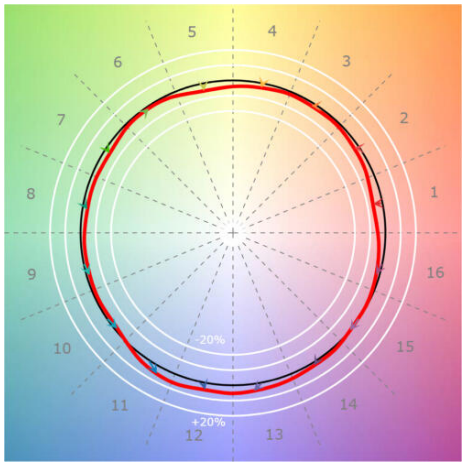
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

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

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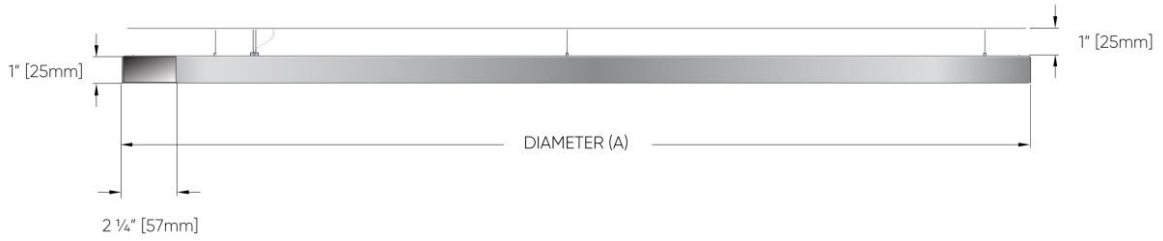
9 DIMENSIONAL DIAGRAMS



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