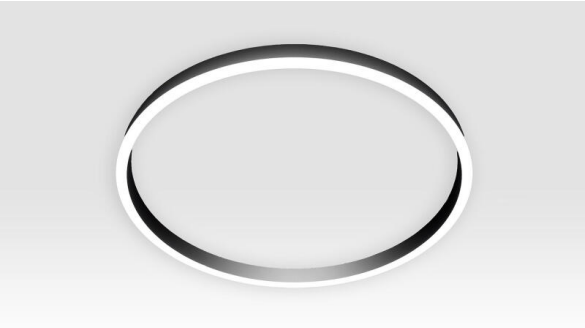
MICRO RING II™

FULL SPECIFICATION SHEET



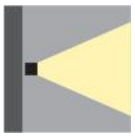
FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

MICRO RING IIsets 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. The slim design of **MICRO RING II**, available in 5 diameters ranging from 2' to 6', makes it ideal for crafting grand, multi-tiered circular installations. This versatile ring offers both direct and indirect lighting and is part of the larger **MICRO RING** family, which 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**. 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** 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


Surface Direct


Wall Direct


Direct



Declare



PoE

3 APPROVALS

ADA Intertek CE DAMP LOCATION F IP20

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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, 347V (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.

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

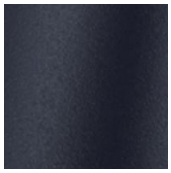

Silver Metallic


Gold Metallic - Textured

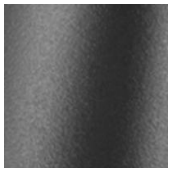

Wood grain - Light Cherry [1]


Wood grain - Dark Walnut [1]


Wood grain - White Oak [1]


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic

[1] Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

6 HOW TO ORDER

LUMINAIRE

MRTC1C02 2ft, 5000 lms
MRTC1C03 3ft, 7400 lms
MRTC1C04 4ft, 9500 lms
MRTC1C05 5ft, 12900 lms
MRTC1C06 6ft, 15200 lms

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).

LUMENS

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 lms/ft. [2] High efficiency is available from 175 lms/ft to 800 lm/ft.

CRI

CR80 CRI 80+
CR90 CRI 90+

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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 only. [3] V4 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
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] Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

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.

7 TECHNICAL DATA

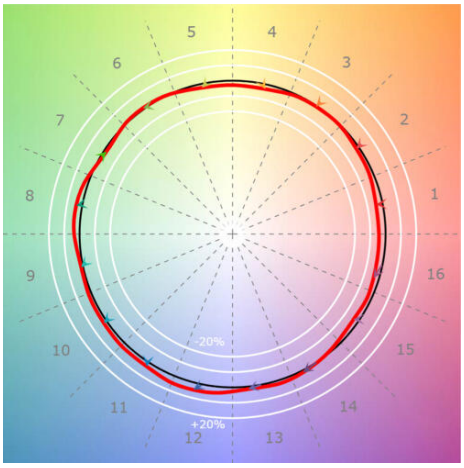
LUMINAIRE

Code	MRTC1C02	MRTC1C03	MRTC1C04	MRTC1C05	MRTC1C06
Diameter (A)	2ft	3ft	4ft	5ft	6ft
Light Direction	Direct	Direct	Direct	Direct	Direct
EFF1 Watts	52	77	100	135	160
EFF1 Del. Lms	3300	4900	6300	8500	10000
EFF1 LPW	69	69	69	69	69
EFF2 Watts	52	77	100	135	160
EFF2 Del. Lms	5000	7400	9500	12900	15200
EFF2 LPW	104	104	104	104	104

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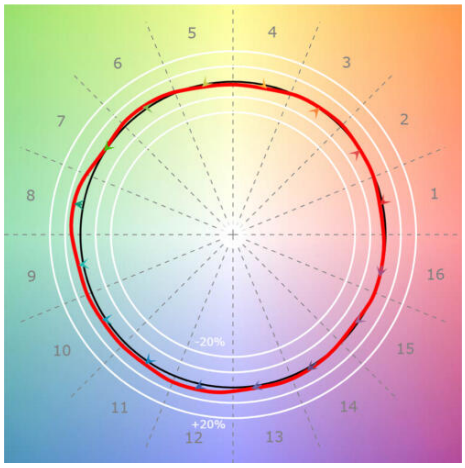
8 TM-30 DATA

CCT 2700K



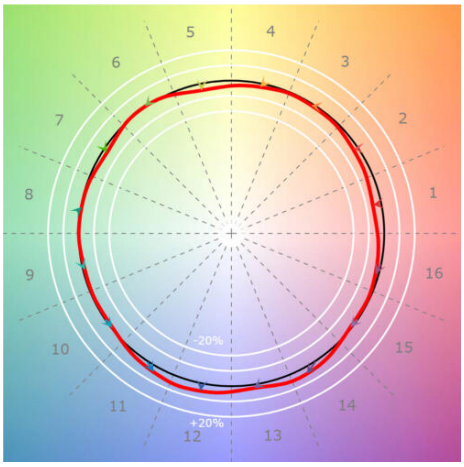
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



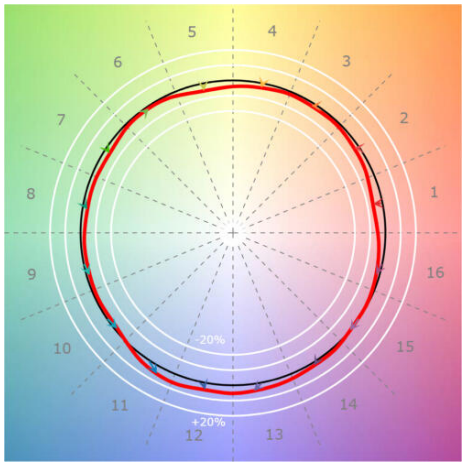
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



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

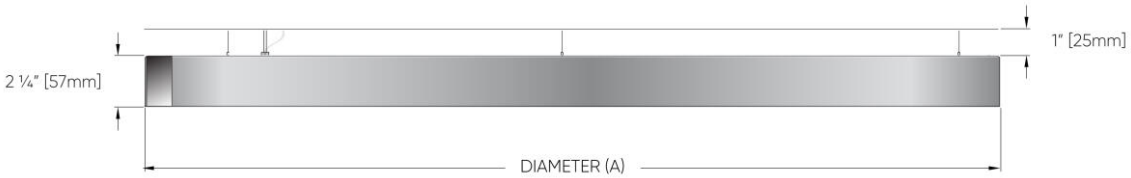
CCT 4000K



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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