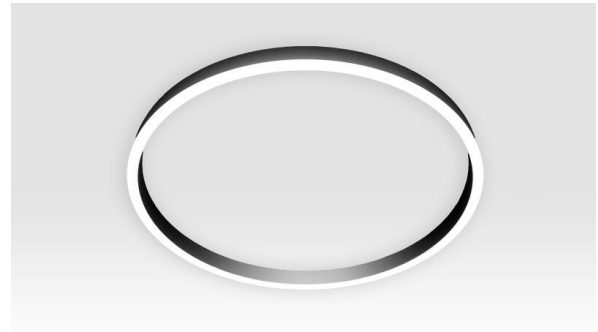




# MICRO RING II™

## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE



QUANTITIES

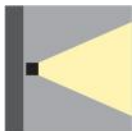
### 1 DESCRIPTION

**MICRO RING II** 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. 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.

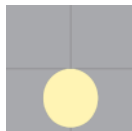
### 2 OPTICS & FEATURES



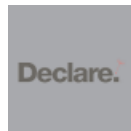
Ceiling Direct



Wall Direct



Direct



Declare



PoE

### 3 APPROVALS



**4** GENERAL SPECIFICATION

**BODY AND TRIM**

Aluminium.

**LENS**

Protruding Lens 0.08" (2.1mm).

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

**POE**

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

**REPORTED L70 @25°C(77°F)**

> 60,000 hrs.

**SUSTAINABILITY**

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

**FINISH**

Powder coated.

**SENSORS**

Consult factory regarding sensor compatibility.

**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.

**DELIVERED LUMENS**

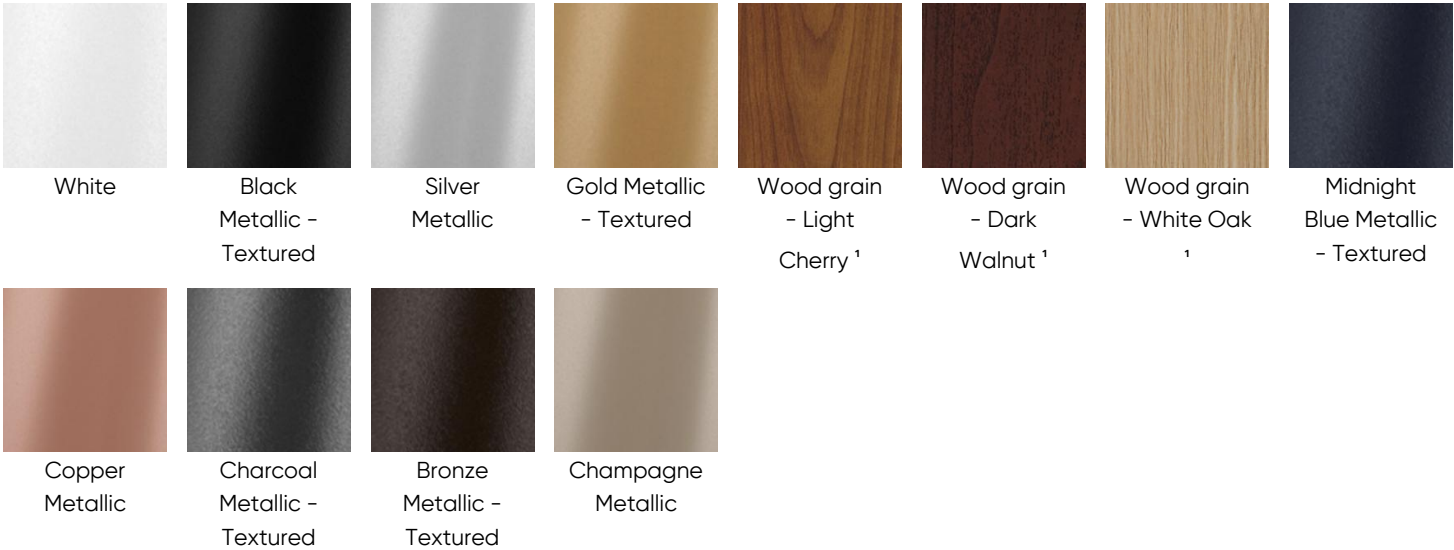
Delivered lumens & LPW based on 4000K (min 80 CRI).

**APPROVALS**

Damp Rated.

**5 DESIGN OPTIONS**

**FINISH**



<sup>1</sup> Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

**6 HOW TO ORDER**

**1. LUMINAIRE**

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

**2. 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 (52% more efficient than Standard efficiency).

**3. LUMENS**

**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 lms/ft. <sup>2</sup> High efficiency is available from 175 lms/ft to 800 lm/ft.

**4. CRI**

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

## 5. CCT

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

## 6. 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 only. <sup>3</sup> V4 available with DA45 dimming only.

## 7. DIMMING (REMOTE)

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> Not available with V3. <sup>2</sup> Available with V4 only.

## 8. FINISH

FA01 White                      FA02 Black Metallic – Textured                      FA20 Silver Metallic                      FA25 Gold Metallic – Textured  
FA27 Wood grain – Light Cherry <sup>1</sup>                      FA28 Wood grain – Dark Walnut <sup>1</sup>                      FA30 Wood grain – White Oak <sup>1</sup>                      FA44 Midnight Blue Metallic –  
Textured  
FA45 Copper Metallic                      FA46 Charcoal Metallic –  
Textured                      FA47 Bronze Metallic – Textured                      FA52 Champagne Metallic

<sup>1</sup> Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

## 9. EMERGENCY

E0 Not required                      E2 Emergency system – Remote

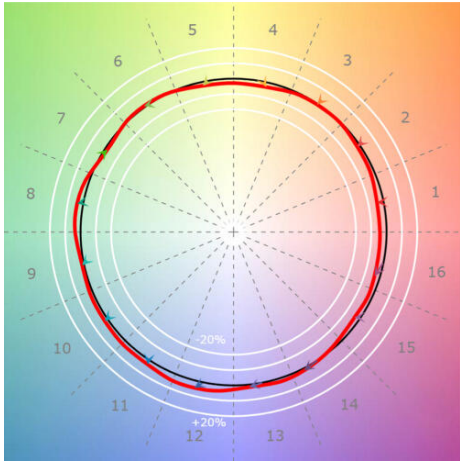
# 7 TECHNICAL DATA

## 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      |

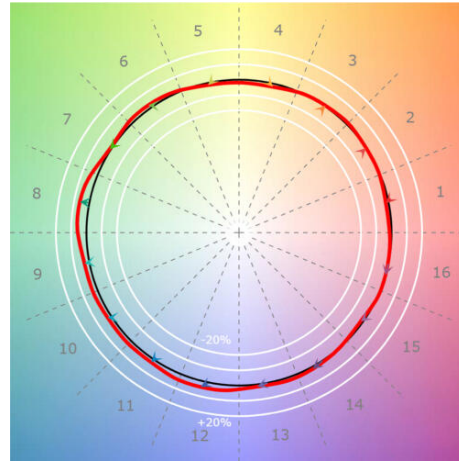
**8** TM-30 DATA

**CCT 2700K**



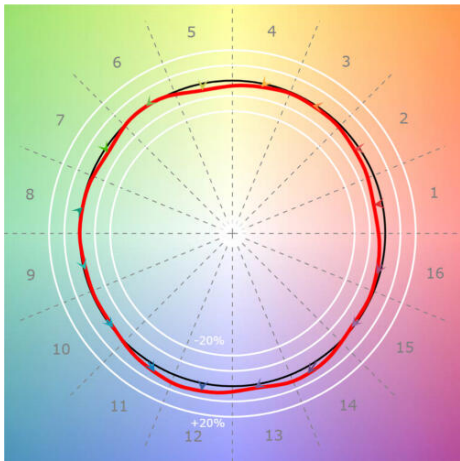
|                 |        |
|-----------------|--------|
| <b>CRI(Ra)</b>  | 94     |
| <b>CRI(R9)</b>  | 58     |
| <b>TM30(Rf)</b> | 93     |
| <b>TM30(Rg)</b> | 99     |
| <b>Duv</b>      | 0.0004 |

**CCT 3000K**



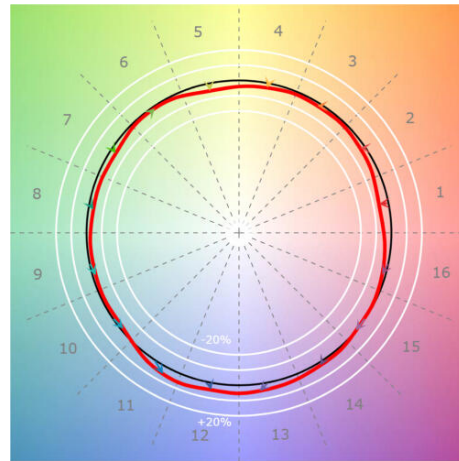
|                 |         |
|-----------------|---------|
| <b>CRI(Ra)</b>  | 94      |
| <b>CRI(R9)</b>  | 75      |
| <b>TM30(Rf)</b> | 93      |
| <b>TM30(Rg)</b> | 102     |
| <b>Duv</b>      | -0.0001 |

**CCT 3500K**



|                 |        |
|-----------------|--------|
| <b>CRI(Ra)</b>  | 94     |
| <b>CRI(R9)</b>  | 53     |
| <b>TM30(Rf)</b> | 91     |
| <b>TM30(Rg)</b> | 98     |
| <b>Duv</b>      | 0.0009 |

**CCT 4000K**



|                 |        |
|-----------------|--------|
| <b>CRI(Ra)</b>  | 92     |
| <b>CRI(R9)</b>  | 50     |
| <b>TM30(Rf)</b> | 89     |
| <b>TM30(Rg)</b> | 97     |
| <b>Duv</b>      | 0.0011 |

9 DIMENSIONAL DIAGRAMS

