

MoonRing Micro – MR-MICRO

LED – 19 mm x 20 mm

FEATURES

Six Diameter
Options:

900 mm
1200 mm
1500 mm
1800 mm
2400 mm
3000 mm

Direct or Indirect
Distribution

Up to 11982 LM
and 83 LM/W

Two Standard
Output Options

RGB+W Option

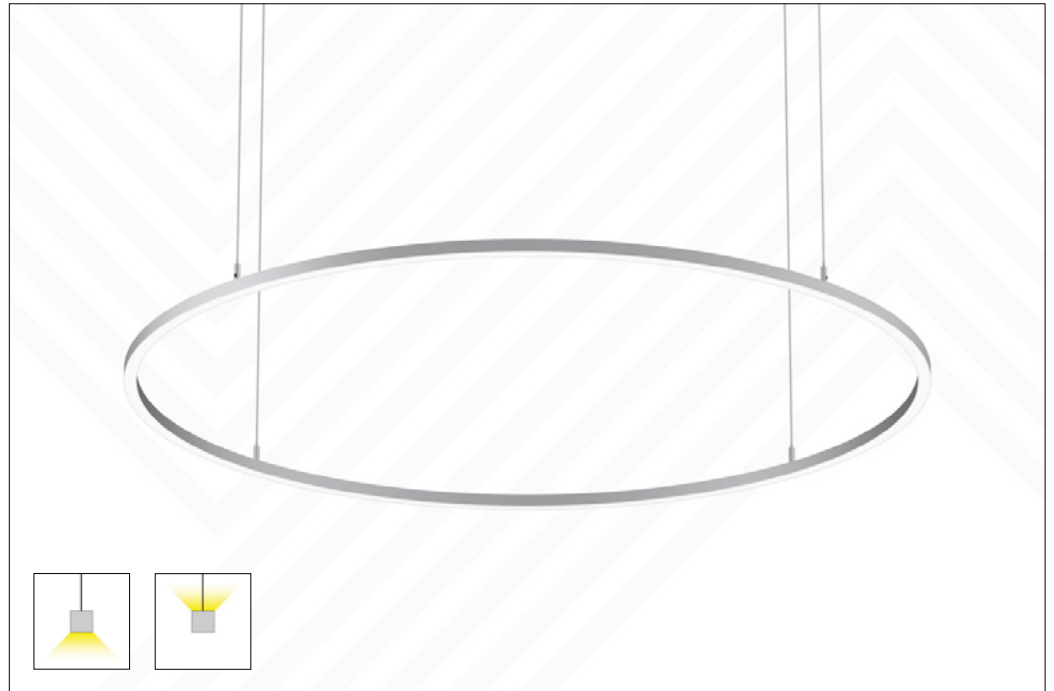
Remote DALI, DMX,
10V or Phase Driver

Dimming Down to 0%

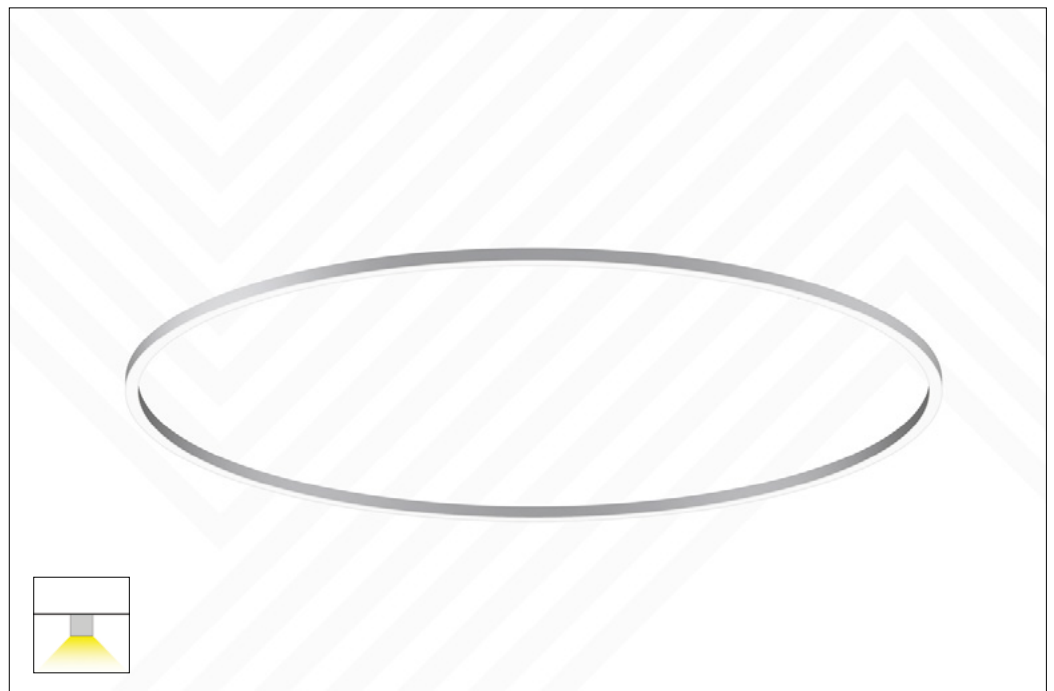
Remote Sensor
Options

Silver, White, Black,
Bronze or Custom RAL
Finish

SUSPENDED



SURFACE



MoonRing Micro

MR-MICRO | Suspended, Surface

**LIGHT
FORMS**

INSTRUCTIONS

Digital users: Check selection boxes and fill in fields directly in fillable, interactive PDF, save file, submit to Light Forms.

Manual users: Check selection boxes and fill in fields with pen, scan and save ALL pages as PDF document, submit to Light Forms.

1. BASE MODEL / MOUNTING Select ONE

- MR-MICROS** Suspended
- MR-MICROSM** Surface-Mount

2. SIZE* Select ONE

- 900** 900 mm diameter
- 1200** 1200 mm diameter
- 1500** 1500 mm diameter
- 1800** 1800 mm diameter
- 2400** 2400 mm diameter
- 3000** 3000 mm diameter

3. LAMPING & LENS Select NONE or ONE from EVERY category (note exceptions below)

NONE Select when specifying downlight spots only

| <u>DISTRIBUTION</u> | <u>OUTPUT</u> | <u>CRI</u> | <u>CCT</u> | <u>LENS</u> |
|---------------------|---------------|------------|--------------|---------------------|
| DIRECT | LOW | 80 | 2700K | DIFF Diffuse |
| INDIRECT# | MED | 90 | 3000K | |
| | RGBW^ | | 3500K | |
| | | | 4000K | |
| | | | 5000K | |
| | | | 6500K | |

*Not available with surface mount

^For RGBW, CRI does not apply (leave unchecked) and select 3000K or 4000K CCT only. White LEDs can remain uncommissioned for RGB-only output.

4. REMOTE DRIVER* Select ONE

- NONDIM** Non-dimming
- DALI#** DALI driver, dimming down to 1%
- 1/10V** 1-10V, dimming down to 1%
- 0/10V** 0-10V, dimming down to 0%
- DMX^** DMX driver, dimming down to 1%
- PHASE** For use with phase-cut triac, IGBT or sine wave dimmer switches

#DALI is required for use with TUNE/S; DALI (or DMX) is required for RGB/S

^DMX (or DALI) is required for use with RGB/S

5. FINISH* Select ONE

| | |
|--------------|---|
| SV | Metallic silver powdercoat |
| WH | White powdercoat |
| BLK | Black powdercoat |
| BZ | Metallic bronze powdercoat |
| RAL/ _ _ _ _ | Custom RAL# colour powdercoat, ex: RAL/3000 |

*Contact factory for additional finish options including Interpon, Farrow & Ball and silver and gold plating

*See RAL colour options and codes at lightforms.com/RAL

6. POWERFEED COLOUR Select ONE

| | |
|----|--|
| GP | Grey (standard for suspended, default for other mountings) |
| WP | White |
| BP | Black |
| TP | Transparent |
| XP | Custom colour (contact Light Forms for options) |

7. CANOPY Select ONE

| | |
|-------|--|
| NONE | Select NONE when specifying surface mount |
| STD | 115 mm canopy for each separate powerfeed and suspension point (standard) |
| SMALL | 82 mm canopy for each separate powerfeed and suspension point |
| COMBO | 115 mm combo canopy for locations with both a powerfeed and suspension point |
| CCSTD | 115 mm centralised combo canopy for powerfeed and all cables |
| CCLG | 360 mm centralised combo canopy for powerfeed and all cables |

8. OPTIONAL ADD-ONS Select as many as apply

A. EMERGENCY

| | |
|---------|---|
| EM | Remote, 3-hour emergency battery, manual testing |
| EM/DALI | Remote, 3-hour emergency battery with DALI interface, automatic testing |
| EC | Emergency circuit |

B. SENSOR

| | |
|-----------|---|
| PRES | Remote, PIR presence detector |
| DALI/PRES | Remote, DALI-compatible PIR presence detector |
| PHOTO | Remote, photocell/daylight detector |

C. WIRELESS CONTROL

| | |
|------|--|
| OLP* | Remote, Osram Lightify Pro wireless control module |
|------|--|

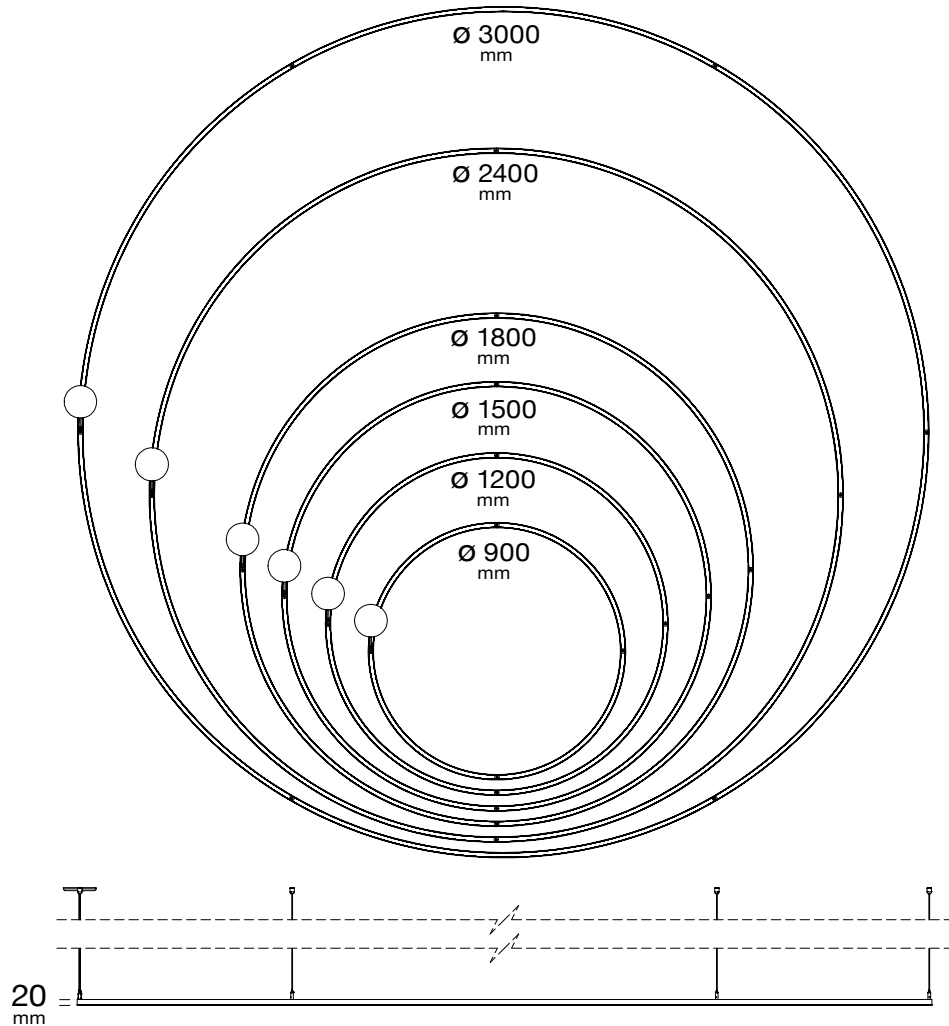
*Must choose DALI option in DRIVER section.

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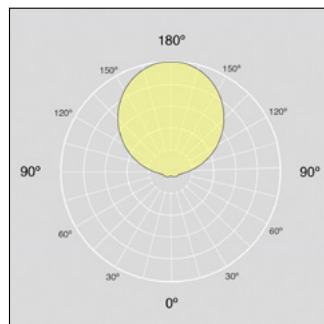
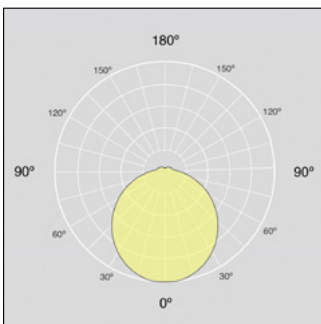
MR-MICRO | Suspended, Surface

LIGHT
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DIMENSIONS



DISTRIBUTION



MoonRing Micro

MR-MICRO | Suspended, Surface

**LIGHT
FORMS**

LED LAMPING – OPTIONS & PERFORMANCE DATA*

| OUTPUT OPTIONS | SIZE OPTIONS DIAMETER | DELIVERED LUMENS LM | WATTS W | EFFICACY LM/W | CRI OPTIONS | CCT OPTIONS | WEIGHT G |
|----------------|--------------------------|------------------------|------------|------------------|--|--|-------------|
| LOW# | 900 | 1390 | 41 | 34 | 80 90 | 2700K 3000K 3500K 4000K 5000K 6500K | 768 |
| | 1200 | 1854 | 54 | | | | 1024 |
| | 1500 | 2317 | 68 | | | | 1280 |
| | 1800 | 2781 | 81 | | | | 1535 |
| | 2400 | 3708 | 109 | | | | 2047 |
| | 3000 | 4635 | 136 | | | | 2559 |
| MED# | 900 | 3595 | 44 | 82 | 80 90 | 2700K 3000K 3500K 4000K 5000K 6500K | 768 |
| | 1200 | 4793 | 58 | | | | 1024 |
| | 1500 | 5991 | 73 | | | | 1280 |
| | 1800 | 7189 | 87 | | | | 1535 |
| | 2400 | 9586 | 116 | | | | 2047 |
| | 3000 | 11982 | 145 | | | | 2559 |
| RGBW | 900 | system - N/A | 54 | 28 | N/A (entire system) 80 (white only) | 3000K 4000K | 768 |
| | | white only - 721 | 25 | | | | |
| | 1200 | system - N/A | 72 | | | | 1024 |
| | | white only - 961 | 34 | | | | |
| | 1500 | system - N/A | 90 | | | | 1280 |
| | | white only - 1201 | 42 | | | | |
| | 1800 | system - N/A | 109 | | | | 1535 |
| | | white only - 1441 | 51 | | | | |
| | 2400 | system - N/A | 145 | | | | 2047 |
| | | white only - 1922 | 68 | | | | |
| | 3000 | system - N/A | 181 | | | | 2559 |
| | | white only - 2402 | 85 | | | | |

L80 > 50,000 hours

Luminous flux +/- 5%

**Data provided is for either direct OR indirect distribution; performance values are the same for both.*

**Performance data is based on a connected-load photometric test of MED output with 80 CRI at 4000K using a DALI driver and DIFF lens. Data values for all other outputs are extrapolations.*

LENS

DIFF is a white satin, flush diffuser lens that produces smooth, even light across the lens surface.



Diffuse
DIFF

MoonRing Micro

MR-MICRO | Suspended, Surface

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SPECIFICATION DETAILS

HOUSING

100% recyclable, extruded architectural grade aluminium with minimum 2mm thickness.

WEIGHT

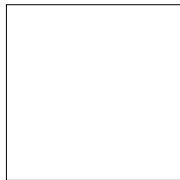
Approximately 768-2559 grams per unit. Weight may vary depending on mounting and other options.

FINISH OPTIONS

Silver, White, Black, Bronze or custom RAL powdercoat. Contact Light Forms for other finish options (Interpon, Farrow & Ball, and silver and gold plating).



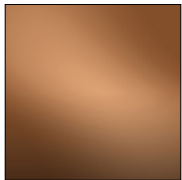
Silver
SV



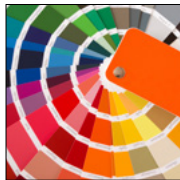
White
WH



Black
BLK



Bronze
BZ



Custom RAL
RAL

View all RAL colour options at: <https://lightforms.com/RAL>

REMOTE SENSORS

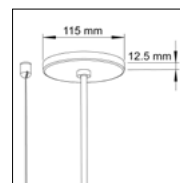
Optional, presence (PRES), DALI-compatible PIR presence (DALI/PRES) and daylight harvesting (PHOTO) sensors available. Contact Light Forms for further information.

OPERATING TEMPERATURE

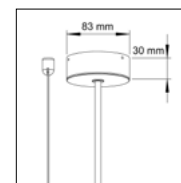
Luminaire MUST be installed and operated ONLY in dry or damp environments where the ambient temperature ranges from -20°C to 50°C. Luminaire operation in environments outside this temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and colour consistency.

SUSPENSION MOUNT CANOPY OPTIONS

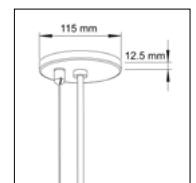
STD comprises separate 115 mm powerfeed canopy and cable bullet at powerfeed locations. SMALL comprises separate 85 mm powerfeed canopy and cable bullet at powerfeed locations. COMBO comprises combined 115mm canopy (canopy and cable bullet) at powerfeed locations. These three options include cable bullets for non-powerfeed locations. CCSTD is one standard centralised canopy for powerfeed and all cable attachments. CCLG is one large centralised canopy for powerfeed and all cable attachments.



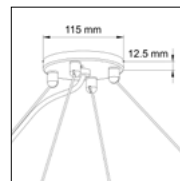
Standard
STD



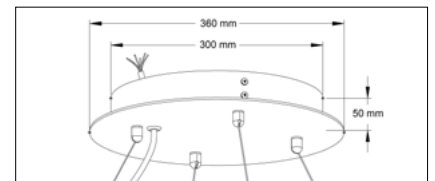
Small
SMALL



Combo
COMBO



Central Combo
Standard
CCSTD



Central Combo
Large
CCLG

WARRANTY

5-year limited warranty. Details: lightforms.com/warranty

MANUFACTURING & CERTIFICATION

Products are manufactured in and comply with the health, safety and environmental protection standards of the respective region in which they are sold.



Europe



Asia



Greater India
+ Middle East