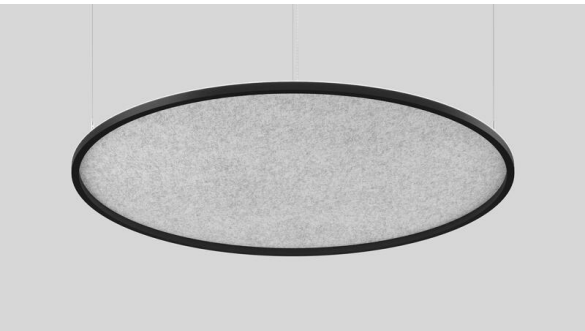
MICRO RING INDIRECT™

FULL SPECIFICATION SHEET



FIXTURE TYPE	FIXTURE CODE	QUANTITIES

1 DESCRIPTION

With a super slim profile and 6 diameters ranging from 2' to 7', **MICRO RING INDIRECT** is ideal for creating sizable multi-tiered circular arrangements. The ring emits indirect light only and can be coordinated with 5 other emission options in the **MICRO RING** family for creating light layers. Buoyant and energetic, **MICRO RING INDIRECT** is just as impactful as a single standalone piece, especially with the halo effect created from the uplight. For sound comfort, **MICRO RING INDIRECT** is available with an acoustic panel designed to absorb echo and reverberation associated with open-concept spaces, exposed concrete, open ceilings, and large windows. For a whimsical style, combine **MICRO RING** with MICRO TRIANGLE or MICRO QUAD.

2 OPTICS & FEATURES


Suspended Indirect


Acoustic


Indirect



Declare



PoE

3 APPROVALS

Intertek CE DAMP LOCATION F IP20

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4 GENERAL SPECIFICATION

BODY AND TRIM
Aluminum.

FINISH
Powder coated.

SUSPENSION
Steel cables.

POWER CABLE
Silver braided.

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.

REMOTE MOUNTING OF DRIVERS
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.

DRIVERS
HPF electronic drivers for 120-277V, 0-10V, 1% dimming. The driver is integral to the fixture canopy or remote mount depending on which options are selected.

POE
Micro Ring Indirect can itegrate into your data network via Power over Ethernet (PoE) connectivity.

ACOUSTIC PANELS NRC RATING
0.80

ACOUSTIC PANELS FIRE RATING
ASTM E84-2018 Class A.

ACOUSTIC PANELS MATERIAL
100% recycled polyester fiber (PET).

ACOUSTIC PANELS THICKNESS
12mm (0.5")

MECHANICAL
Luminaires mount directly over J box (by others - North America only).

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

LENS
Protruding Lens 0.08" (2.1mm).

SENSORS
Consult factory regarding sensor compatibility.

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

APPROVALS
Damp Rated.

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

ACOUSTIC PANEL MAINTENANCE
Durable and easy to maintain. Dust regularly and clean marks with mild detergent, rinse, and blot.

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SUSTAINABILITY

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

5 DESIGN OPTIONS

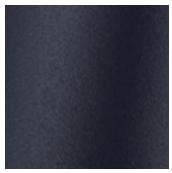
FIXTURE FINISH

White


Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic

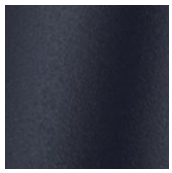
CANOPY FINISH

White


Black Metallic - Textured


Silver Metallic - Textured


Gold Metallic - Textured


Midnight Blue Metallic - Textured


Copper Metallic


Charcoal Metallic - Textured


Bronze Metallic - Textured


Champagne Metallic

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ACOUSTIC PANEL COLOR


Not required


Citrus

White


Red Coffee

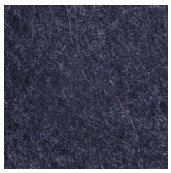

Light Gray


Apple Green


Blue


Sesame Gray


Black


Navy Peony


Pure Red


Cloudburst


Douglas Fir


Oak

Acoustic panels are available up to 84". Diameters from 60" to 84" include a visible seam.For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Contact factory for larger sizes and additional colors.

6 HOW TO ORDER

LUMINAIRE

MRNP2P02 2ft, 4700 lms
MRNP2P03 3ft, 6900 lms
MRNP2P04 4ft, 8800 lms
MRNP2P05 5ft, 12000 lms
MRNP2P06 6ft, 14100 lms
MRNP2P07 7ft, 16800 lms

EFFICIENCY

EFF1 Standard efficiency [1]
EFF2 High efficiency [2]

[1] Stardard efficiency refers to Standard efficacy.[2] High efficiency refers to High efficacy (52% more efficient that Standard efficiency).

LUMENS

LPF017 175 lm/ft [1] [2]
LPF026 260 lm/ft [1] [2] [3]
LPF035 350 lm/ft [1] [2] [4]
LPF052 525 lm/ft [2] [5]
LPF075 750 lm/ft [2] [6]

These figures correspond to the high-efficiency option.
[1] Standard efficiency is available from 175 lm/ft to 350 lm/ft. [2] High efficiency is available from 175 lm/ft to 750 lm/ft.
[3] Based on 35% of total output. [4] Based on 45% of total output. [5] Based on 70% of total output. [6] 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.

SUSPENSION

SS1 Vertical, Remote driver
SS2 Hub, Remote driver [1]
SS3 Vertical, Driver Integral to Canopy
SS4 Hub, Driver Integral to Canopy [1]

[1] Available up to 5ft dia.

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FIXTURE 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

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

ACOUSTIC PANEL COLOR

AP00 Not required
AP02 Citrus
AP04 White
AP08 Red Coffee
AP11 Light Gray
AP13 Apple Green
AP22 Blue
AP26 Sesame Gray
AP27 Black
AP47 Navy Peony
AP60 Pure Red
AP73 Cloudburst
AP89 Douglas Fir
APW01 Oak

Acoustic panels are available up to 84". Diameters from 60" to 84" include a visible seam.For accompanying non-illuminating acoustic panels, see our Acoustic Circles, Quads, Triangles, and Ellipse spec pages. Contact factory for larger sizes and additional colors.

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

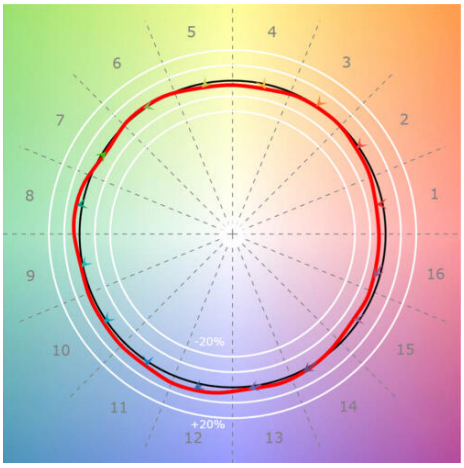
LUMINAIRE

Code	MRNP2P02	MRNP2P03	MRNP2P04	MRNP2P05	MRNP2P06	MRNP2P07
Diameter (A)	2ft	3ft	4ft	5ft	6ft	7ft
EFF1 Watts	32	48	62	84	99	118
EFF1 Del. Lms	2200	3200	4200	5600	6600	7900
EFF1 LPW	69	69	69	69	69	69
EFF2 Watts	48	72	93	126	148	176
EFF2 Del. Lms	4700	6900	8800	12000	14100	16800
EFF2 LPW	104	104	104	104	104	104
Suspension Points	3	3	3	3	6	6

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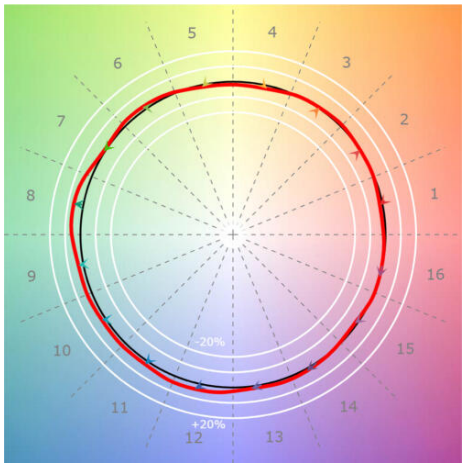
8 TM-30 DATA

CCT 2700K



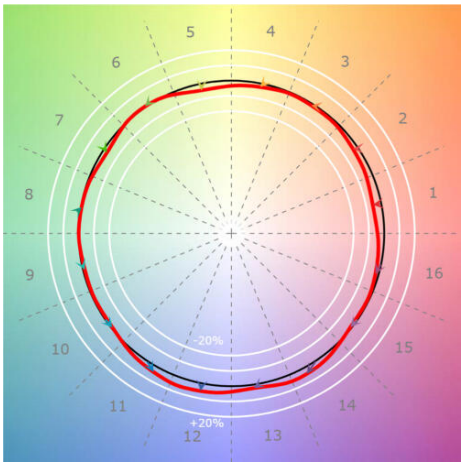
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



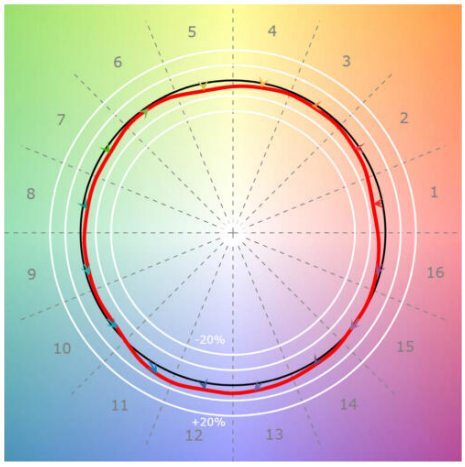
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



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

CCT 4000K

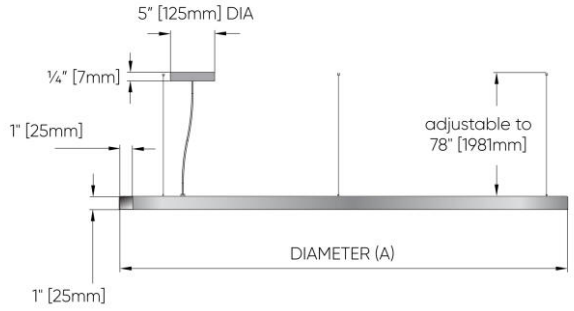


CRI(Ra)	92
CRI(R9)	50
TM30(Rf)	89
TM30(Rg)	97
Duv	0.0011

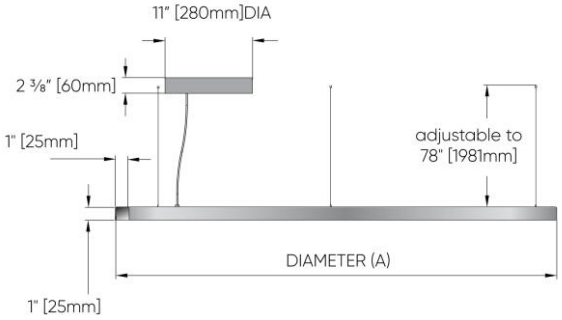
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9 DIMENSIONAL DIAGRAMS

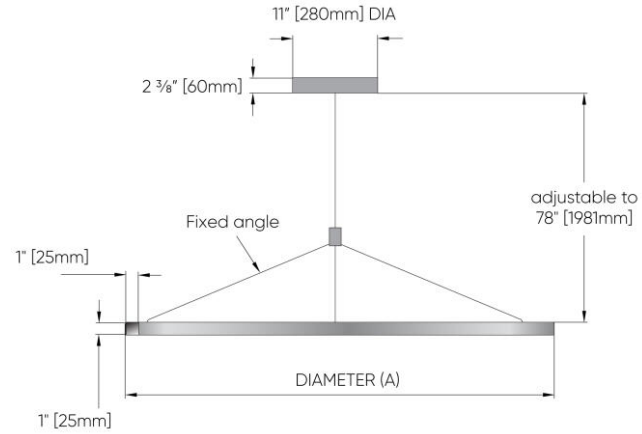
SS1
Vertical - Remote Driver



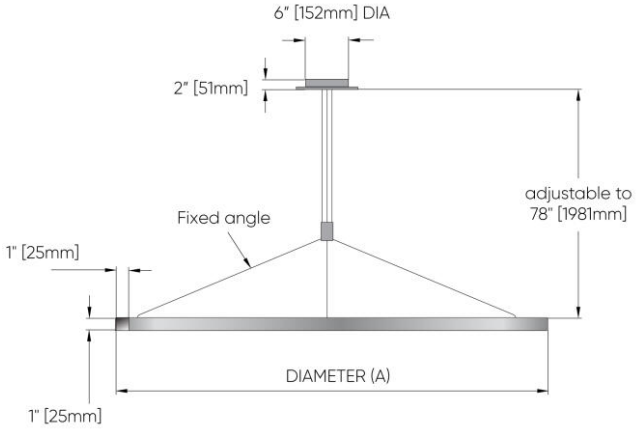
SS3
Vertical - Integral Driver



SS4
Hub - Integral Driver



SS2
Hub - Remote Driver



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