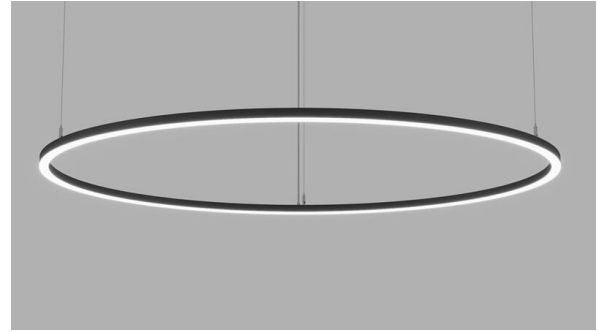




MICRO RING DIRECT™

FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

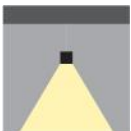


QUANTITIES

1 DESCRIPTION

MICRO RING DIRECT sets a new performance benchmark in decorative rings, boasting a best-in-class lumen efficacy of 104 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 DIRECT**, available in 6 diameters ranging from 2' to 7', makes it ideal for crafting grand, multi-tiered circular installations. This versatile ring is part of the larger **MICRO RING** family, which includes five additional light emission options for layered lighting effects. Whether used as a solitary statement piece or in a composition, **MICRO RING DIRECT's** impact is undeniable. Moreover, **MICRO RING DIRECT** addresses acoustic needs with an optional acoustic panel for sizes up to 4' in diameter. These panels are specifically designed to reduce echo and reverberation commonly found in modern open-plan spaces, areas with exposed concrete, open ceilings, and rooms with large windows. For a touch of whimsy and creative flair, **MICRO RING** can be combined with other shapes like MICRO TRIANGLE or MICRO QUAD, adding a dynamic and playful dimension to any space.

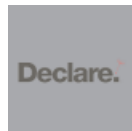
2 OPTICS & FEATURES



Suspended
Direct



Acoustic



Declare



PoE

3 APPROVALS



DAMP
LOCATION



IP20

4 GENERAL SPECIFICATION

BODY AND TRIM

Aluminum.

SUSPENSION

Steel cables.

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).

MECHANICAL

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

ACOUSTIC PANELS NRC RATING

0.80

ACOUSTIC PANELS MATERIAL

100% recycled polyester fiber (PET).

SENSORS

Consult factory regarding sensor compatibility.

DELIVERED LUMENS

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

APPROVALS

Damp Rated.

ACOUSTIC PANEL MAINTENANCE

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

FINISH

Powder coated.

POWER CABLE

Silver braided.

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. Drivers are either remote mounted or integral to the canopy depending on the size of the fixture. For longer remote distances, consult factory.

POE

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

ACOUSTIC PANELS FIRE RATING

ASTM E84-2018 Class A.

ACOUSTIC PANELS THICKNESS

12mm (0.5")

LENS

Protruding Lens 0.08" (2.1mm).

L70 @25°C

> 60,000 hrs.

SEISMIC BRACING

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

SUSTAINABILITY

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

5 DESIGN OPTIONS

FIXTURE FINISH



CANOPY FINISHES



ACOUSTIC PANEL FINISH



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. Other finishes available. Contact factory.

6 HOW TO ORDER

1. LUMINAIRE

MRRP1P02 2ft, 4600 lms **MRRP1P03** 3ft, 6900 lms **MRRP1P04** 4ft, 8800 lms **MRRP1P05** 5ft, 12000 lms
MRRP1P06 6ft, 14100 lms **MRRP1P07** 7ft, 16800 lms

2. EFFICIENCY

EFF1 Standard efficiency ¹ **EFF2** High efficiency ²

¹ Standard efficiency refers to Standard efficacy. ² High efficiency refers to High efficacy. This option is 52% more efficient than Standard efficiency.

3. LM/FT

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.

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 ¹

V3 347V ²

V4 Low Voltage ³

¹ Not available in North America. ² Only available with DA01 dimming. ³ Only available with DA45.

7. 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 Only available with V4.

8. 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 60" diameter.

9. 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

10. 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

11. 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. Other finishes available. Contact factory.

12. EMERGENCY

E0 Not required	E2 Emergency system - Remote
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7 PERFORMANCE DATA

MRRP1P02-EFF1 Susp Pts 3	Lumens	Watts	LPW	MRRP1P02-EFF2 Susp Pts 3	Lumens	Watts	LPW
LPF017	1100	16	69	LPF017	1100	10	105
LPF026	1600	24	68	LPF026	1600	16	105
LPF035	2200	32	67	LPF035	2200	21	104
				LPF052	3300	33	101
				LPF075	4600	48	97

MRRP1P03-EFF1 Susp Pts 3	Lumens	Watts	LPW	MRRP1P03-EFF2 Susp Pts 3	Lumens	Watts	LPW
LPF017	1600	23	69	LPF017	1600	16	104
LPF026	2400	36	68	LPF026	2400	23	104
LPF035	3200	48	67	LPF035	3200	31	104
				LPF052	4900	49	100
				LPF075	6900	71	97

MRRP1P04-EFF1 Susp Pts 3	Lumens	Watts	LPW	MRRP1P04-EFF2 Susp Pts 3	Lumens	Watts	LPW
LPF017	2100	30	69	LPF017	2100	20	104
LPF026	3100	46	68	LPF026	3100	30	104
LPF035	4100	62	67	LPF035	4100	40	104
				LPF052	6300	63	100
				LPF075	8800	92	96

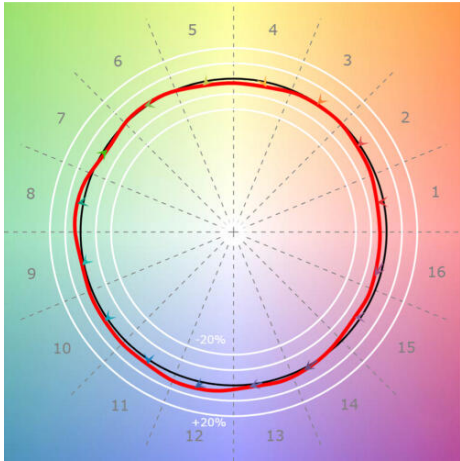
MRRP1P05-EFF1 Susp Pts 3	Lumens	Watts	LPW	MRRP1P05-EFF2 Susp Pts 3	Lumens	Watts	LPW
LPF017	2800	41	69	LPF017	2800	27	104
LPF026	4300	63	68	LPF026	4300	41	104
LPF035	5600	84	67	LPF035	5600	54	104
				LPF052	8500	85	100
				LPF075	12000	124	97

MRRP1P06-EFF1 Susp Pts 6	Lumens	Watts	LPW	MRRP1P06-EFF2 Susp Pts 6	Lumens	Watts	LPW
LPF017	3300	48	69	LPF017	3300	32	104
LPF026	5000	74	68	LPF026	5000	48	104
LPF035	6600	99	67	LPF035	6600	64	104
				LPF052	10100	101	100
				LPF075	14100	147	96

MRRP1P07-EFF1 Susp Pts 6	Lumens	Watts	LPW	MRRP1P07-EFF2 Susp Pts 6	Lumens	Watts	LPW
LPF017	3900	57	69	LPF017	3900	38	104
LPF026	6000	88	68	LPF026	6000	57	104
LPF035	7900	118	67	LPF035	7900	76	104
				LPF052	12000	120	100
				LPF075	16800	174	96

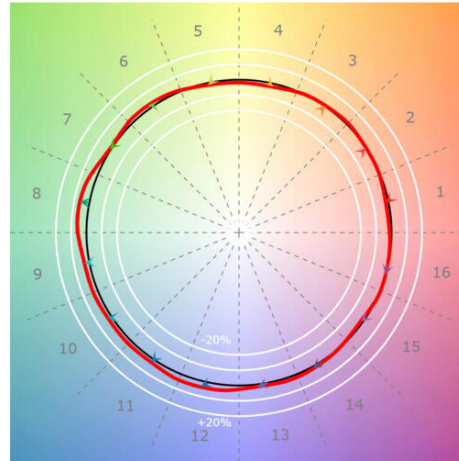
8 TM-30 DATA

CCT 2700K



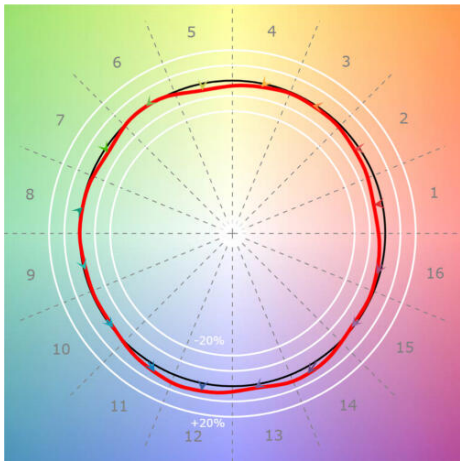
CRI(Ra)	94
CRI(R9)	58
TM30(Rf)	93
TM30(Rg)	99
Duv	0.0004

CCT 3000K



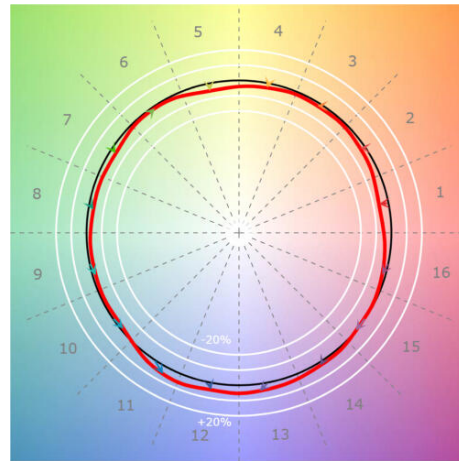
CRI(Ra)	94
CRI(R9)	75
TM30(Rf)	93
TM30(Rg)	102
Duv	-0.0001

CCT 3500K



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

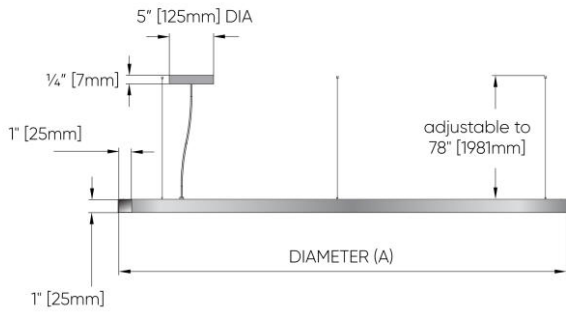
CCT 4000K



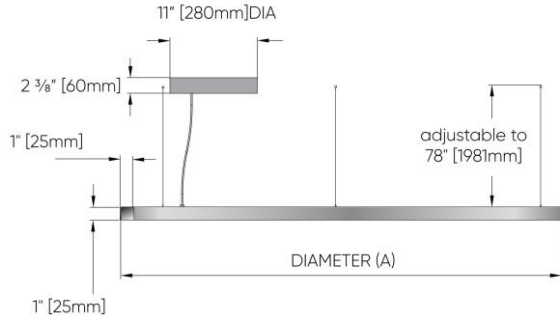
CRI(Ra)	92
CRI(R9)	50
TM30(Rf)	89
TM30(Rg)	97
Duv	0.0011

9 DIMENSIONAL DIAGRAMS

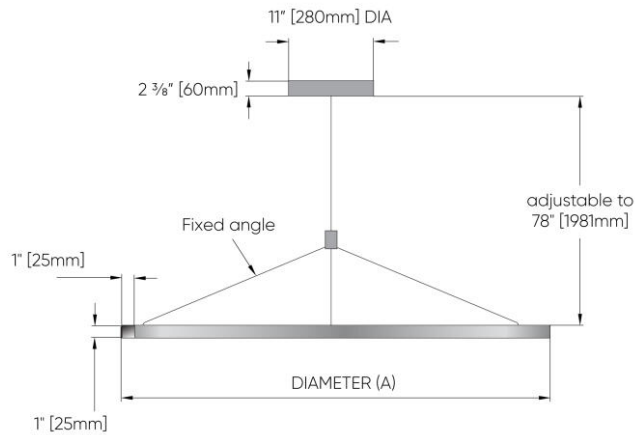
SS1
 Vertical - Remote Driver



SS3
 Vertical - Integral Driver



SS4
 Hub - Integral Driver



SS2
 Hub - Remote Driver

