

MADELINE RING

4.00" Profile

Direct/Indirect Circle

CSS

www.birchwoodlighting.com



The MADELINE Ring is sleek and beautiful as a standalone fixture that is available in 4' and 8' diameter rings. Using uniquely illuminated convex and concave radial sections, Madeline easily generates a dynamic ring of light. The Free-Form configuration tool can help you envision the fixture in a 3D space. All segments elegantly joined by precision-engineered connecting hardware. Constructed of heavy gauge extruded aluminum and featuring our highest quality precision machined aluminum end-caps.

A variety of configurations allows MADELINE the flexibility to be utilized in applications such as: offices, corridors, hospitality or retail establishments.



Concave



Convex

FIXTURE SPECIFICATIONS

Construction

Heavy gauge extruded aluminum housing. high quality precision-machined aluminum end-caps.

Mounting Options

(CSS) Cable Suspension System field-adjustable 1/8" aircraft cable\

Fixture Length

Fixtures segments are available in 2' or 4' nominal lengths at 30°, 60° for the 24" radius or 30° and 120° for the 48" radius. The curves are based on a 24" and 48" radius. Continuous run mounting available featuring internal adjoining mounting hardware enabling the creation of various linear shapes, ovals or circles. See the [Free-Form Configuration tool](#) for more details.

Light Output

Intensity levels are available as HLO (High Lumen Output) and SLO (Standard Lumen Output) providing efficient illumination. CLO (Custom Lumen Output) allows for end user specified lumen output or tailored wattage consumption for certain models. Consult factory for details.

Dimming

Dimming is available with a variety of control protocols and options. Consult factory for availability and specifications.

Powder Coat Finish


(MW) Matte White standard, other powder coat finishes available. Consult factory for details

Optics

Refracting diffuser creating smooth light distribution and increased uniformity.

Custom and Mods

We proudly specialize in manufacturing custom and modified luminaires and have the ability to modify most of our standard fixtures. Please contact factory with any inquiries.

 UL and c-UL listed for dry and damp locations.



Made in the USA

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SPECIFICATION CODE (standalone fixtures)

CSS selections only³

Model	Direct Light Output	Direct Color Temp	Indirect Light Output	Forms	Finish	Voltage	Driver	Options
MAD-EX-RING - Ring with convex sections	SLO - Standard Lumen Output HLO - High Lumen Output	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	SLO - Standard Lumen Output HLO - High Lumen Output	24R-120 24" radius 4' diameter ring w/ (3)-120° segments	Powder Coat MW - Matte White	120 277 347 ³	D1 - 1% (nom) 0-10V HLA2 ⁴ - LTEA2W Lutron H-Lume 1%, 2 wire HL - LDE1 Lutron Hi-Lume 1% EcoSystem DALI - DALI	Cable Length ⁵ Cord Color ⁵ Canopy ⁵ Canopy Finish ⁵
MAD-AV-RING - Ring with concave sections	CLO ¹ - Custom Lumen Output		CLO ¹ - Custom Lumen Output	48R-60 48" radius 8' diameter ring w/ (6)-60° segments	CUP - Custom ²			EM ⁶ - Emergency Battery Pack

CSS Options

Cable Length 36 - 36" (standard) 72 - 72" 120 - 120"	Power Cord Color W - White (standard) B - Black G - Gray
Canopy STND - Bracket bar w/5" round canopy NC - No canopy 1/4-20 side exit cable gripper (1/4-20 stud provided by others) CU - Custom (contact factory)	Canopy Finish MW - Matte White CUP - Custom (contact factory)

Option Code

Options
2CKT - 2 Circuit
EM² - Remote Inverter

NOTES

- available for D1, D10 drivers only, refer to CLO Calculator for code selection
- contact factory for custom finish
- available for D1, D10 drivers only
- 120V only
- see CSS options for selections
- remote only, consult factory for EM options

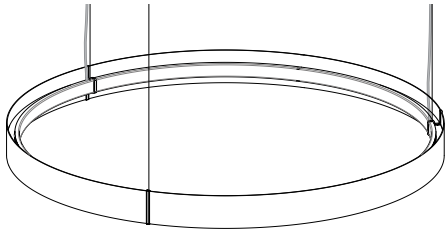
LED

MAD-LED-400 (based on 2' segment)

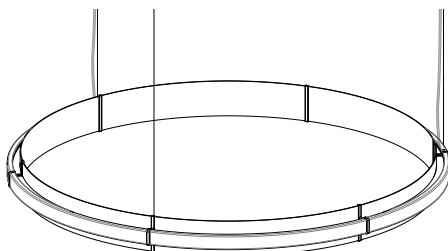
AV-SLO - 56.2 lm/watt delivered @ 8.8 w/ft fixture input watts, 491 lm/ft.
AV-HLO - 49.2 lm/watt delivered @ 17.6 w/ft fixture input watts, 866 lm/ft.
EX-SLO - 72.2 lm/watt delivered @ 8.8 w/ft fixture input watts, 635 lm/ft.
EX-HLO - 61.7 lm/watt delivered @ 17.5 w/ft fixture input watts, 1080 lm/ft.

Options

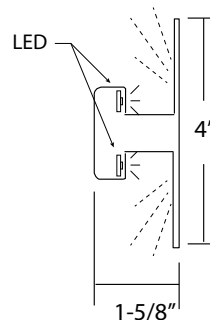
Concave



Convex



Profile

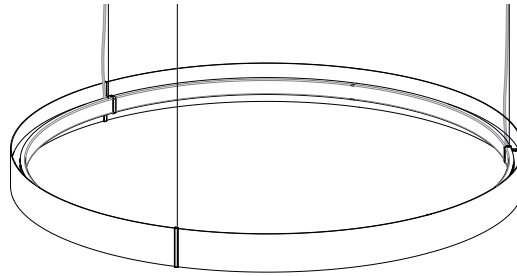


Direct/Indirect Ring Configuration

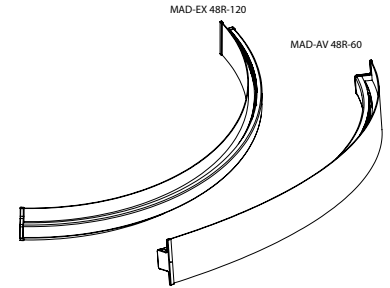
(3) 120° sections 24R = 4 ft. diameter

Ring Spec Configuration Example

CSS	MAD-AV-24R-60
mounting	Ring configuration



4' and 8' Nom Circle

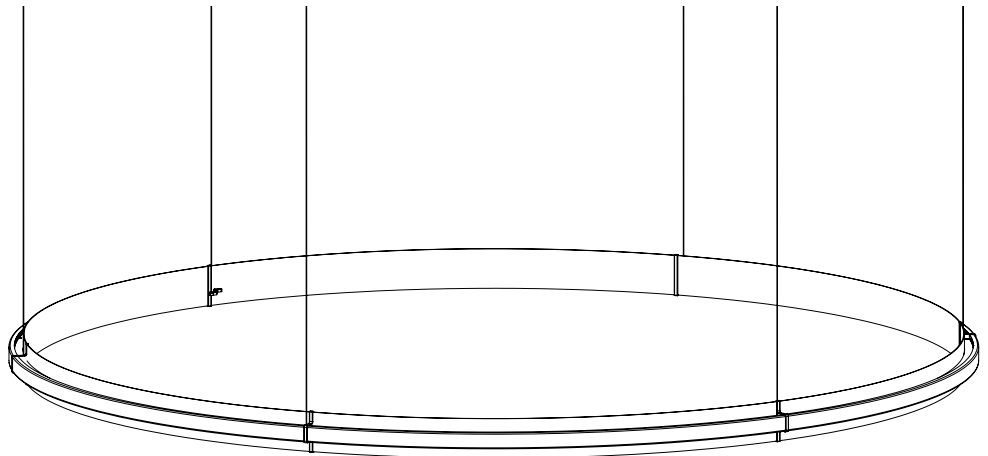


Direct/Indirect Ring Configuration

(6) 60° sections 48R = 8 ft. diameter

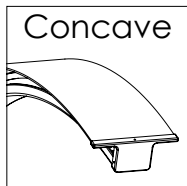
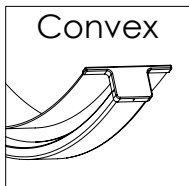
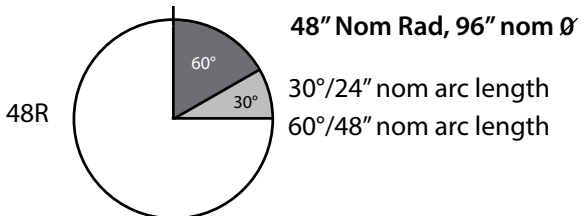
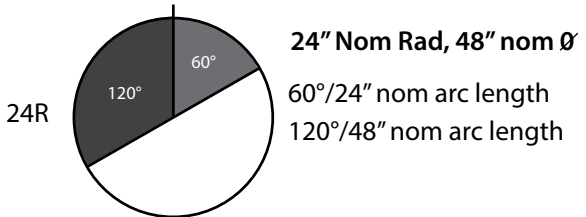
Ring Spec Configuration Example

CSS	EX-DR/IN-48R-60
mounting	circle configuration



Radial Form Configurations

Model	Form	Nominal Diameters	Nominal Arc	Nominal Length
MAD-EX - 4.00" profile interior illumination	24R - 24" radius	4 - 4'	60 - 60° 120 - 120°	R24-60 - 2' R24-120 - 4'
	48R - 48" radius	8 - 8'	30 - 30° 60 - 60°	R48-30 - 2' R48-60 - 4'
MAD-AV - 4.00" profile exterior illumination				



Dimensions

