



A creative and versatile luminaire, MADELINE is sleek and beautiful as a continuous run wavy serpentine fixture that is available in various continuous run lengths. Using uniquely illuminated convex and concave 24" and 48" radial sections, Madeline easily generates dynamic, flowing undulations all 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

Combine either 2' or 4' segments with either the 24" or 48" radius to create a continuous run from 4'-100'+. The standard would be the same radius throughout for these standard serpentine configurations.

24" Radius:	48" Radius:
60 deg = 2'	30 deg = 2'
120 deg = 4'	60 deg = 4'

### 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

www.birchwoodlighting.com

Type: \_\_\_\_\_ Job Name: \_\_\_\_\_ **CSS**

**SPECIFICATION CODE**

CSS selections only<sup>3</sup>

model	light output	color temp	radius type/ segment length	total non length	starter	finish	voltage	driver	mounting orientation	standard cable length	standard cord color	standard canopy	standard canopy finish	options	options
-------	--------------	------------	--------------------------------	------------------	---------	--------	---------	--------	----------------------	-----------------------	---------------------	-----------------	------------------------	---------	---------

Model	Light Output	Color Temp	Radius Type/ Segment Length	Nominal Total Length	Starter	Finish	Voltage	Remote Driver	Mounting/ Orientation	Options
<b>MAD-SRP - Madeline Serpentine</b>	<b>SLO - Standard Lumen Output</b> <b>HLO - High Lumen Output</b> <b>CLO<sup>3</sup> - Custom Lumen Output</b>	<b>27 - 2700K</b> <b>30 - 3000K</b> <b>35 - 3500K</b> <b>40 - 4000K</b>	<b>24" radius</b> <b>24/60 - 60° (2' nom)</b> <b>24/120 - 120° (4' nom)</b>	<b>24/60 segments:</b> <b>CR<sup>1</sup></b> Continuous Run 2' increments  <b>24/120 segments:</b> <b>CR<sup>1</sup></b> Continuous Run 4' increments	<b>AV - Concave</b> <b>EX - Convex</b>	<b>Powder Coat</b> <b>MW - Matte White (Standard)</b> <b>CUP - Custom<sup>4</sup></b>	<b>120</b> <b>277</b> <b>347<sup>5</sup></b>	<b>EB - Electronic (standard)</b>  Dimming <b>D1 - 1% (nom) 0-10V</b> <b>HLA2<sup>6</sup> - LTEA2W</b> Lutron H-Lume 1%, 2 wire <b>HL - LDE1 Lutron</b> Hi-Lume 1% EcoSystem <b>HL5 - LDE5</b> Lutron 5 series EcoSystem <b>DALI - DALI</b>	<b>CSS-DR - Cable Suspended Direct (36" standard)</b>  <b>CSS-IN - Cable Suspended Indirect (36" standard)</b>  <b>CSS-DRIN - Cable Suspended Direct/Indirect (36" standard)</b>	<b>Cable Length<sup>7</sup></b> <b>Cord Color<sup>7</sup></b> <b>Canopy<sup>7</sup></b> <b>Canopy Finish<sup>3</sup></b>  <b>EM<sup>8</sup> - Emergency Battery Pack</b>
	<a href="#">CLO Calculator</a>		<b>48" radius</b> <b>48/30 - 30° (2' nom)</b> <b>48/60 - 60° (4' nom)</b>	<b>48/30 radius:</b> <b>CR<sup>1</sup></b> Continuous Run 2' increments  <b>48/60 segments:</b> <b>CR<sup>1</sup></b> Continuous Run 4' increments						

	24/60	24/120	48/30	48/60
4'	8'	4'	8'	
6'	12'	6'	12'	
8'	16'	8'	16'	
10'	20'	10'	20'	
12'	24'	12'	24'	
14'	28'	14'	28'	
16'	32'	16'	32'	
18'	36'	18'	36'	
20'	40'	20'	40'	

Lengths not limited to longest listed

**CSS Options**

<b>Cable Length</b> 36 - 36" (standard) 72 - 72" 120 - 120"	<b>Power Cord Color</b> W - White (standard) B - Black G - Gray
<b>Canopy</b> 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)	<b>Canopy Finish</b> MW - Matte White CUP - Custom (contact factory)

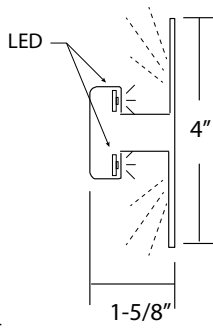
**Option Code**

**Options**

**2CKT - 2 Circuit**

**EM<sup>8</sup> - Remote Inverter**

**Profile**



**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.

- NOTES**
- 1 Add CR + total length to spec
  - 2 available for EB, D1, D10 drivers only
  - 3 refer to CLO Calculator for code selection
  - 4 contact factory for custom finish, not all parts can be painted.
  - 5 available for EB, D1, D10 drivers only
  - 6 120V only
  - 7 see CSS options for selections
  - 8 remote only, consult factory for EM options

MADELINE serpentine radius and segment options

