



# MOONRING MONDO ELLIPSES

## RPD06/E1 | SUSPENDED

DESIGN BY  
**NEIDHARDT**

### STANDARD SIZES

Ellipse sizes from 60"x30" to 144"x72"

### LAMPING

LED - 90+ CRI - 2700K/3000K/3500K/4000K

Output Options: Standard/RGB/RGBW

Dimming down to 0%

### FINISH

Brushed Aluminum, White, Black, Silver, Brass, RAL Classic Colors

### CONSTRUCTION

Industrial Strength Extruded & Welded Aluminum



**RPD06/E1 – SPECIFICATIONS**  
**SUSPENDED**

**ALWUSA.COM**



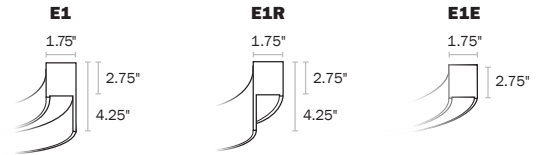
# PRODUCT SUBMITTAL WORKSHEET

## SAMPLE PRODUCT CODE

**RPD06-E1 – S01 – 84x42 – 3500 – 0/10V/S – LENS – BK – BAL – UNV – EMB**

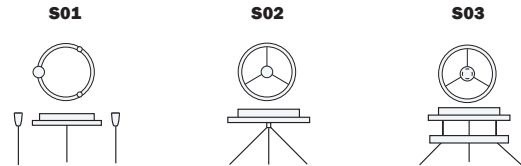
### 1. BASE MODEL (CHOOSE ONE)

- RPD06-E1** Inside Wall (2.75"), Outside Wall (4.25")
- RPD06-E1R** Inside Wall (4.25"), Outside Wall (2.75")
- RPD06-E1E** Inside Wall (2.75"), Outside Wall (2.75")



### 2. MOUNTING (CHOOSE ONE)

- S01** Standard Suspension
- S02** Central Axis Suspension (only available with 60x30 and 72x36)
- S03** Collared Central Suspension (only available with 60x30 and 72x36)



### 3. NOMINAL SIZE (CHOOSE ONE)

- 60x30** 60 by 30 inches
- 72x36** 72 by 36 inches
- 84x42** 84 by 42 inches
- 96x48** 96 by 48 inches
- 144x72** 144 by 72 inches

### 4. LED LAMPING (CHOOSE ONE)

- 2700** 2700K (very warm)
- 3000** 3000K (warm)
- 3500** 3500K (slightly warm)
- 4000** 4000K (neutral)
- RGB** Red, Green, and Blue LED
- RGBW** Red, Green, Blue, and White (4000K) LED

DELIVERED LUMENS (LM)	WATTS (W)	EFFICACY (LM/W)
See page 5 for complete details.		~90+

### 5. REMOTE DRIVER (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 10% (Standard Dimming)
- 0/10V/1%** 0-10V dimming down to 1%
- 0/10V/0%** 0-10V premium dimming down to 0%
- DMX** DMX flicker-free dimming down to 0% (Recommended for RGB or RGBW lamping)
- ECOSYS1** Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- LTEA** Lutron Hi-lume 1% 2-wire TRIAC dimming (120V forward-phase only), constant current or constant voltage

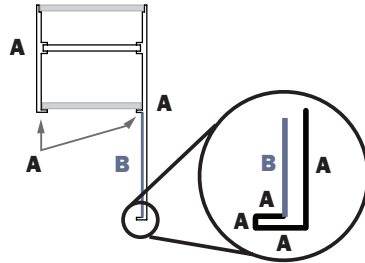
### 6. LENS

- LENS** Extra diffuse lens

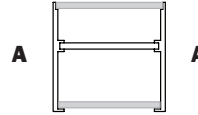
SS110618-A.0




### RPD06-E1 & E1R




### RPD06-E1E



#### 7. FINISH – SURFACE (A) (CHOOSE ONE)

- BAL** Brushed Aluminum
- BK** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** White Powder Coat
- WH/AM**  White Antimicrobial Powder Coat (for healthcare environments)
- RAL\_\_\_\_\_** Specify RAL Classic Color code (ex: RAL3003) [ralcolorchart.com/ral-classic](http://ralcolorchart.com/ral-classic)

#### 8. FINISH – SURFACE (B) (CHOOSE ONE - NOT APPLICABLE FOR RPD06/E1E BASE MODEL)

- BAL** Brushed Aluminum
- BK** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** White Powder Coat
- WH/AM**  White Antimicrobial Powder Coat (for healthcare environments)
- RAL\_\_\_\_\_** Specify RAL Classic Color code (ex: RAL3003) [ralcolorchart.com/ral-classic](http://ralcolorchart.com/ral-classic)

#### 9. VOLTAGE

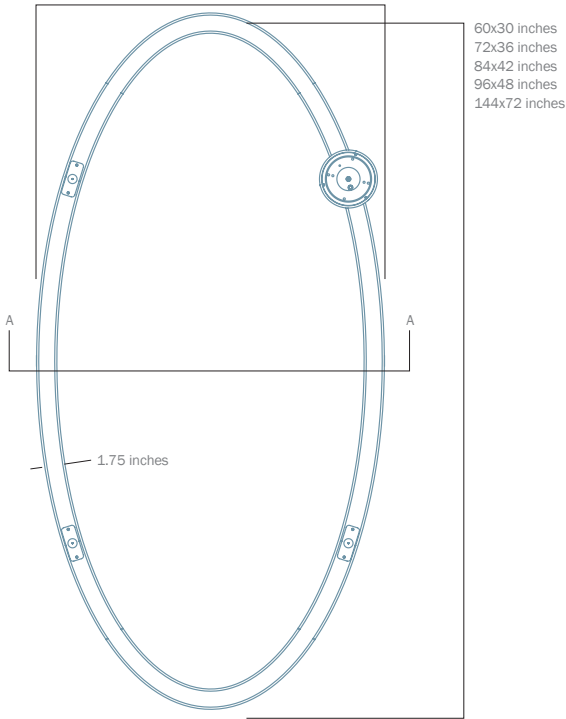
- UNV** Universal Voltage (120VAC-277VAC)

#### 10. EMERGENCY OPTIONS (OPTIONAL)

- EMB** Emergency Battery Pack



## MECHANICAL DIAGRAMS

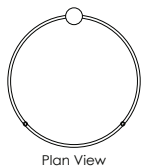


RPD06 E1 Top View: The E1 is elliptical in shape.

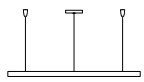


RPD06 E1 Section A-A Cut View: The R1 has longer exterior length rings.

## MOUNTING OPTIONS



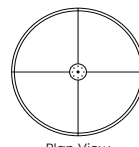
Plan View



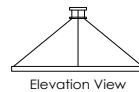
Elevation View

### Standard Suspension (S01)

- (1) 4.5" white canopy per power feed location
- (1) bullet mount
- (1) 8' aircraft cable and
- (1) 2" white canopy (for use with T-bar mounting) per suspension point



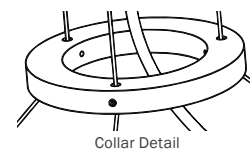
Plan View



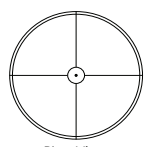
Elevation View

### Central Collared Suspension (S03)

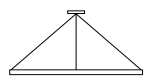
- (1) 5" white central axis canopy and
- (1) 5" collared ring (color matches specified body finish) that all aircraft cables and power feeds route through.



Collar Detail



Plan View



Elevation View

### Central Axis Suspension (S02)

- (1) 5" white central axis canopy per fixture that all aircraft cables/power feeds route into, as shown.



## PERFORMANCE & MOUNTING DETAILS

RING SIZE	LUMENS (LM) at 3000K <sup>3</sup>	WATTS (W)	POWER DROPS <sup>1</sup> (0/10V/S Driver) <sup>3</sup>	REMOTE DRIVER BOXES <sup>2</sup> (0/10V/S Driver) <sup>3</sup>	SUSPENSION POINTS	FIXTURE SECTIONS	APPROX. WEIGHT (LBS)	CENTRAL AXIS, OR COLLARED
<b>60x30</b>	2894	79	1	1	4	1x Ring		YES
<b>72x36</b>	3822	92	1	1	4	1x Ring		YES
<b>84x42</b>	4317	112	1	1	4	2x Sections		NO
<b>96x48</b>	4970	126	1	1	4	2x Sections		NO
<b>144x72</b>	TBD	184	2	2	8	4x Sections		NO

<sup>1</sup>Power Drop refers to the total quantity of canopies dropping low voltage power to the fixture. Each canopy may have multiple wire feeds supplying power to the fixture.

<sup>2</sup>One or more drivers may be enclosed in each Remote Driver Box. See your final drawing/submittal for details.

<sup>3</sup>Applies to 0/10V/S drivers. For additional info on other driver models see your final drawing/submittal.

## MOONRING MONDO ELLIPSES VOLTAGE DROP CHART FOR REMOTE DRIVERS – WHITE, 24VDC

For best performance, ensure proper wire gauge is installed between the remote LED driver and canopy that is dropping power to your fixture. This chart only applies to RPD06/E1 with a 0/10V driver at 24VDC (White LEDs). Do not use this chart to calculate voltage drop for other fixtures.

WIRE GAUGE	60x30 79W	72x36 92W	84x42 56W (x2)	96x48 63W (x2)	144x72 92W (x2)
<b>18 AWG</b>	9 ft.	6 ft.	16 ft.	13 ft.	6 ft.
<b>16 AWG</b>	19 ft.	15 ft.	30 ft.	26 ft.	15 ft.
<b>14 AWG</b>	35 ft.	29 ft.	53 ft.	46 ft.	29 ft.
<b>12 AWG</b>	60 ft.	51 ft.	89 ft.	78 ft.	51 ft.
<b>10 AWG</b>	101 ft.	86 ft.	146 ft.	129 ft.	86 ft.

## MOONRING MONDO ELLIPSES VOLTAGE DROP CHART FOR DMX REMOTE DRIVERS – RGB/W, 24VDC

WIRE GAUGE	60x30 60W	72x36 70W	84x42 85W	96x48 95W	144x72 70W (x2)
<b>18 AWG</b>	14 ft.	11 ft.	7 ft.	6 ft.	11 ft.
<b>16 AWG</b>	27 ft.	22 ft.	17 ft.	14 ft.	22 ft.
<b>14 AWG</b>	49 ft.	40 ft.	32 ft.	28 ft.	40 ft.
<b>12 AWG</b>	82 ft.	69 ft.	56 ft.	49 ft.	69 ft.
<b>10 AWG</b>	136 ft.	115 ft.	93 ft.	83 ft.	115 ft.



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## ADDITIONAL OPTIONS & SPECIFICATIONS

### LENS

Extra diffused opal acrylic lens (LENS).

### HOUSING

100% recyclable, extruded architectural grade aluminum

### SAFETY & REGULATORY

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.  
Conforms to UL std. 2108, Low Voltage Luminaires / Low Voltage Lighting Systems.  
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

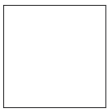
### OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in dry or damp environments where the ambient temperature ranges from -4 °F to 122 °F ( -20 °C to 50 °C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

### FINISH



**Brushed  
Aluminum**



**White\***



**Black**



**Silver**



**Brass**



**RAL Classic**

*\*For healthcare environments, a white antimicrobial finish (WH/AM) is also available.*