

# RIM SEGMENT

PENDANT  
STATIC WHITE

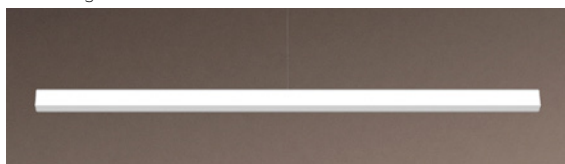
LUMENWERX



Project: \_\_\_\_\_  
Type: \_\_\_\_\_



Curved segment



Straight segment

## DESCRIPTION

Rim Segments (aka open shapes, partial shapes) are available in various shapes, including 1/4-round, 1/2-round, and 3/4-round available in 2'-8" radii, as well as straight line segments ranging from 2'-12". They can function individually as discrete luminaires, or they can be joined together to form new shapes that we refer to as Rim Systems. As with the rest of the Rim family, Rim Segments are decorative with a sleek profile suitable in any interior environment, especially when combined with general lighting, wall wash, and/or perimeter effects. They are equipped with LED arrays illuminating inward toward the centre of what their full shape would be i.e., a circle. Rim Segment nominal light output ranges from 325 to 640 lumens per foot. It is also available with Chromawerx Sola, Duo, and Quadro (consult factory).

## Order Guide

LUMINAIRE ID	SIZE <sup>1</sup>	OPTIC	LIGHT SOURCE <sup>3</sup>	CRI
		ULO	SW	90
<b>RIMSEGP</b> - Rim Segment Pendant	<b>CURVED SEGMENT (radius)</b> - specify angle (##)	ULO - Uniform Lambertian Optic	SW - Static white <sup>3</sup> Chromawerx Sola, Duo and Quadro also available. Consult factory.	90 - 90 CRI
<b>RIMVSEGP</b> - Rim Verso Segment Pendant	<b>STRAIGHT SEGMENT (length)</b>			
	12C(##) - 12"			
	18C(##) - 18"			
	24C(##) - 24"			
	30C(##) - 30"			
	36C(##) - 36"			
	48C(##) <sup>2</sup> - 48"			
	Angle (##):			
	60 - 60°			
	90 - 90°			
	120 - 120°			
	180 - 180°			
	270 - 270°			
	## - Custom			
	24S - 24"			
	36S - 36"			
	48S - 48"			
	60S - 60"			
	72S - 72"			
	96S - 96"			
	120S - 120"			
	144S - 144"			

<sup>1</sup>Other sizes available; shipped in separate pieces. Consult factory.

<sup>2</sup>Not available with Rim Verso Segment.

LUMEN PACKAGE <sup>4</sup> (lm/ft)	COLOR TEMP.	VOLTAGE	REMOTE DRIVER <sup>6</sup>	ELECTRICAL <sup>8</sup>
				1C
Low	Medium	High		
325	480	640		
<sup>4</sup> Consult factory for other options.				
	27 - 2700K	120 - 120V	D1 - 1% 0-10V	1C - 1 circuit  <sup>8</sup> For other circuit configurations, consult factory.
	30 - 3000K	277 - 277V	DA <sup>7</sup> - DALI	
	35 - 3500K	UNV - 120V-277V	LTEA2W - Lutron 1% - 2 wire FP 120V	
	40 - 4000K	347 <sup>5</sup> - 347V	LDE1 <sup>7</sup> - Lutron Hi-Lume 1% Eco	
			ELD1 - eldoLED 1% ECOdrive 0-10V	
			ELDO - eldoLED0.1% SOLOdrive 0-10V	
			<sup>6</sup> PoE (Power-over-Ethernet) compatible. Consult factory for details.	
			<sup>7</sup> On-site commissioning is required.	

MOUNTING	FINISH
<b>DRIVER BOX <sup>9</sup></b>	<b>CANOPY FINISH</b>
<b>RCD <sup>10,11</sup></b> - Round canopy driver box	<b>W</b> - White
<b>RDB <sup>12</sup></b> - Remote driver box	<b>AL</b> - Aluminum
	<b>B</b> - Black
	<b>CF</b> - Custom finish, specify RAL#
<sup>9</sup> For more information see page 3.	<b>POWER</b>
<sup>10</sup> Not available with 347V.	<b>POC</b> - Integrated suspension power-over-aircraft cable
<sup>11</sup> Not available with 12C(60) curved segment.	<b>BAC</b> - Black power cord + aircraft cable
<sup>12</sup> Multiple remote driver boxes may be necessary for lumen packages higher than 10000 lm.	<b>WAC</b> - White power cord + aircraft cable
	<b>MOUNTING POINTS</b>
	<b>MC <sup>13,14</sup></b> - Multiple canopies
	<sup>13</sup> Canopies provided for every section.
	<sup>14</sup> With the RCD option, the type of each canopy may differ based on the selected lumen package and driver options. Consult factory for details.
	<b>MOUNTING CABLE LENGTH</b>
	18IN - 18"
	24IN - 24"
	36IN - 36"
	48IN - 48"
	60IN - 60"
	72IN - 72"
	96IN - 96"
	120IN - 120"
	##IN - Specify nominal length in inches
	<b>W</b> - White
	<b>AL</b> - Aluminum
	<b>B</b> - Black
	<b>CF</b> - Custom finish, specify RAL#

[See website for the Pendant Mounting Guide](#)

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9  
T (514) 225-4304 F (514) 931-4862  
[www.lumenwerx.com](http://www.lumenwerx.com)



Lumenwerx reserves the right to modify product specifications without notification.  
© Lumenwerx, ULC. All rights reserved.

File Name: RIM-SEGMENT-PENDANT-SPEC-REV1 March 1, 2022



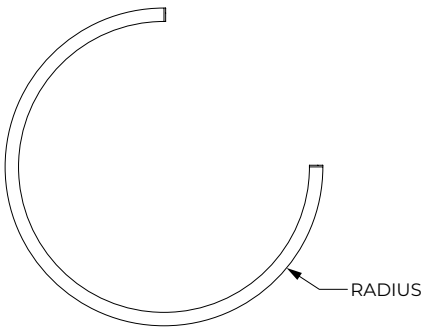
# RIM SEGMENT

PENDANT  
STATIC WHITE

LUMENWERX

## Dimensions

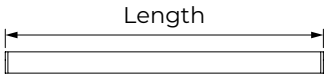
### CURVED SEGMENT



RIMSEGP - Rim Segment Pendant

Radius	
12C	12 5/16"
18C	18 5/16"
24C	24 5/16"
30C	30 5/16"
36C	36 5/16"
48C	48 5/16"

### STRAIGHT SEGMENT



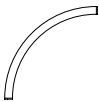
RIMSEGP - Rim Segment Pendant

Length	
24S	24"
36S	36"
48S	48"
60S	60"
72S	72"
96S	96"
120S	120"
144S	144"

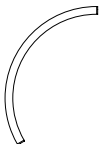
### Curved segment - Angle



60°



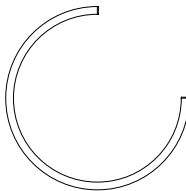
90°



120°

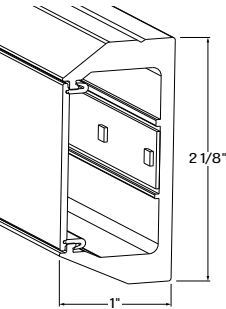


180°

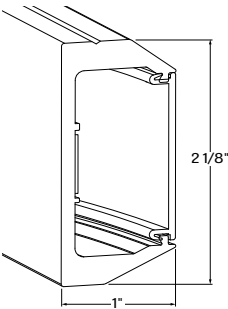


270°

### SECTION VIEW



RIMSEGP - Rim Segment Pendant



RIMVSEGP - Rim Verso Segment Pendant

# RIM SEGMENT

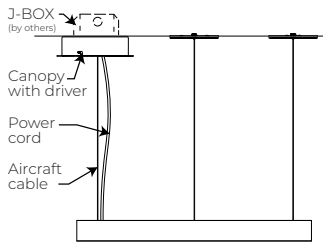
PENDANT  
STATIC WHITE

LUMENWERX

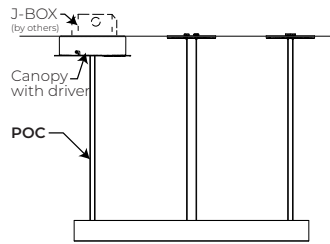
## Mounting Options

### RCD - ROUND CANOPY DRIVER BOX

#### MC - MULTIPLE CANOPY



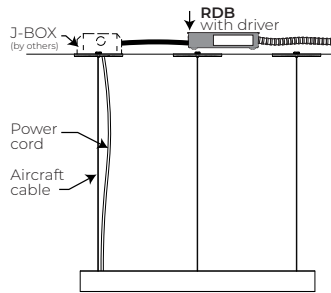
AC - Aircraft cable



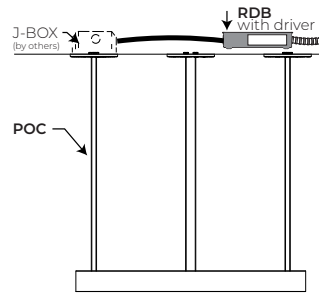
POC - Power-over-aircraft cable

### RDB - REMOTE DRIVER BOX

#### MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

# RIM SEGMENT

PENDANT  
STATIC WHITE

LUMENWERX

## Technical Specifications

### OPTIC

**Uniform Lambertian Optic (ULO)** - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution with spacing criteria of 1.6.

### LIGHT SOURCE

Custom array of mid-flux LEDs are mounted directly to the housing for optimal thermal performance. Available in 2700K, 3000K, 3500K and 4000K with 90 CRI and elevated R9 value. Color consistency is maintained to 3 SDCM. LEDs are operated at a reduced drive current to optimize efficacy and lumen maintenance. All LEDs have been tested in accordance with IESNA LM-80-08 and results have shown L80 lumen maintenance are greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

### ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% (specify 2-wire, or Ecosystem Dim-to-Off), eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

### PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, Duo (tunable white), Quadro (RGBW) emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

### FINISH

**Interior** - 95% reflective, matte white powder coating

**Exterior** - Matte white, matte black or aluminum powder coating. Custom finishes are also available.

### CONSTRUCTION

**Housing** - Rolled and seamlessly welded aluminum extrusion, wide variety of colored powder coating

**Diffuser** - Uniform Lambertian optic, co-extruded flexible polycarbonate satine finished lens

### WEIGHT

#### Curved segment

SIZE	ANGLE	WEIGHT	
		lbs	kg
24"	60°	0.8	0.3
	90°	1.2	0.5
	120°	1.6	0.6
	180°	2.5	1.1
	270°	3.7	1.6
36"	60°	1.2	0.5
	90°	1.8	0.8
	120°	2.4	1.0
	180°	3.7	1.6
	270°	5.6	2.5
48"	60°	1.6	0.7
	90°	2.5	1.1
	120°	2.2	1.4
	180°	5.0	2.2
	270°	7.5	3.4
60"	60°	2.0	0.9
	90°	3.1	1.4
	120°	4.0	1.8
	180°	6.2	2.8
	270°	9.4	4.2
72"	60°	2.5	1.1
	90°	3.7	1.6
	120°	5.0	2.2
	180°	7.5	3.4
	270°	11.1	4.8
96"	60°	3.3	1.4
	90°	5.0	2.2
	120°	6.6	2.8
	180°	10.0	4.5
	270°	15.0	6.6

#### Straight segment

SIZE	WEIGHT	
	lbs	kg
24"	1.6	0.7
36"	2.4	1.0
48"	3.2	1.4
60"	4.0	1.8
72"	4.8	2.1
96"	6.4	2.9
120"	8.0	3.6
144"	9.6	4.3

### CERTIFICATION

**ETL** - Rated for Indoor Dry/Damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

### WARRANTY

Lumenwerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.