

# RIM SEGMENT

PENDANT  
STATIC WHITE



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 12"-48" radii, as well as straight line segments ranging from 24"-144". 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>2</sup>	CRI
		<b>ULO</b>	<b>SW</b>	<b>90CRI</b>
<b>RIMSEGP</b> - Rim Segment Pendant	<b>CURVED SEGMENT (radius)</b> - specify angle (A##)	<b>ULO</b> - Uniform Lambertian Optic	<b>SW</b> - Static white <small><sup>2</sup>Chromawerx SOLA, DUO, and QUADRO also available. Consult factory.</small>	<b>90CRI</b> - 90 CRI
<b>RIMVSEGP</b> - Rim Verso Segment Pendant	<b>STRAIGHT SEGMENT (length)</b>			
	<b>R12(A##)</b> - 12" <b>R30(A##)</b> - 30" <b>ANGLE (A##):</b> <b>R18(A##)</b> - 18" <b>R36(A##)</b> - 36" <b>(A60)</b> - 60° <b>(A180)</b> - 180° <b>R24(A##)</b> - 24" <b>R48(A##)</b> - 48" <b>(A90)</b> - 90° <b>(A270)</b> - 270° <b>(A120)</b> - 120° <b>(A##)</b> - Custom			
	<b>S24IN</b> - 24" <b>S72IN</b> - 72" <b>S36IN</b> - 36" <b>S96IN</b> - 96" <b>S48IN</b> - 48" <b>S120IN</b> - 120" <b>S60IN</b> - 60" <b>S144IN</b> - 144"			

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

LUMEN PACKAGE <sup>3</sup> (lm/ft)			COLOR TEMP.	VOLTAGE	REMOTE DRIVER <sup>5</sup>	ELECTRICAL <sup>7</sup>
Low	Medium	High	<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K	<b>120V</b> - 120V <b>277V</b> - 277V <b>UNV</b> - 120V-277V <b>347V</b> <sup>4</sup> -347V	<b>D1</b> - 1% 0-10V <b>DA</b> <sup>6</sup> - DALI <b>LDE1</b> <sup>6</sup> - Lutron Hi-Lume 1% Eco <b>ELD1</b> - eldoLED 1% ECOdrive 0-10V <b>ELDO</b> - eldoLED0.1% SOLOdrive 0-10V	<b>1C</b> - 1 circuit  <sup>7</sup> For other circuit configurations, consult factory.
<b>325LMF</b>	<b>480LMF</b>	<b>640LMF</b>		<sup>4</sup> Available with D1 driver only.	<sup>5</sup> PoE (Power-over-Ethernet) compatible. Consult factory for details. <sup>6</sup> On-site commissioning is required.	

MOUNTING					FINISH
<b>DRIVER BOX</b> <sup>8</sup>	<b>CANOPY FINISH</b>	<b>POWER</b>	<b>MOUNTING POINTS</b>	<b>MOUNTING CABLE LENGTH</b>	<b>W</b> - Matte white <b>AL</b> - Aluminum <b>B</b> - Matte black <b>CF</b> - Custom finish, specify RAL#
<b>RCD</b> <sup>9,10</sup> - Round canopy driver box <b>RDB</b> <sup>11</sup> - Remote driver box	<b>W</b> - Matte white <b>AL</b> - Aluminum <b>B</b> - Matte black <b>CF</b> - Custom finish, specify RAL#	<b>POC</b> - Integrated suspension power-over-aircraft cable <b>BAC</b> - Black power cord + aircraft cable <b>WAC</b> - White power cord + aircraft cable	<b>MC</b> <sup>12,13</sup> - Multiple canopies  <sup>12</sup> Canopies provided for every section. <sup>13</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>18IN</b> - 18" <b>24IN</b> - 24" <b>36IN</b> - 36" <b>48IN</b> - 48" <b>60IN</b> - 60" <b>72IN</b> - 72" <b>96IN</b> - 96" <b>120IN</b> - 120" <b>##IN</b> - Specify nominal length in inches	
<a href="#">See website for the Pendant Mounting Guide</a>					

<sup>8</sup>For more information see page 3.  
<sup>9</sup>Not available with 347V.  
<sup>10</sup>Not available with R12(A60) curved segment.  
<sup>11</sup>Multiple remote driver boxes may be necessary for lumen packages higher than 10000 lm.



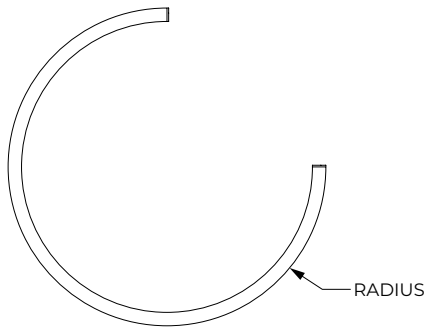
# RIM SEGMENT



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STATIC WHITE

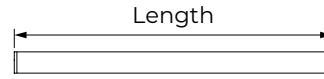
## Dimensions

### CURVED SEGMENT



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

### STRAIGHT SEGMENT

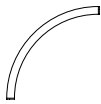


Length	
24"	24"
36"	36"
48"	48"
60"	60"
72"	72"
96"	96"
120"	120"
144"	144"

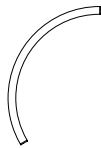
### Curved segment - Angle



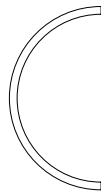
60°



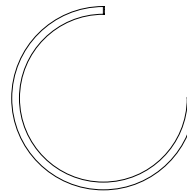
90°



120°

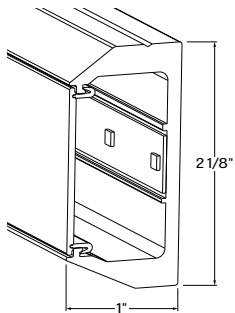


180°

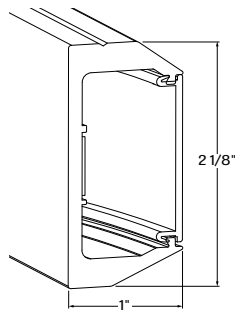


270°

### SECTION VIEW



RIMSEGP - Rim Segment Pendant



RIMVSEGP - Rim Verso Segment Pendant

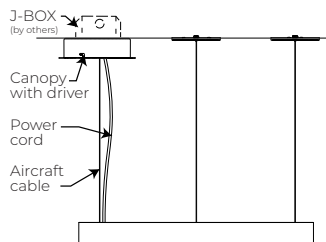
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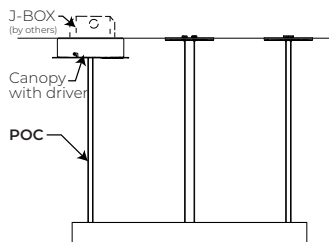
## Mounting Options

### RCD - ROUND CANOPY DRIVER BOX

#### MC - MULTIPLE CANOPY



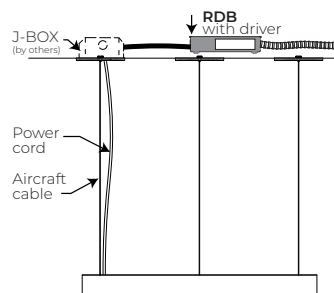
AC - Aircraft cable



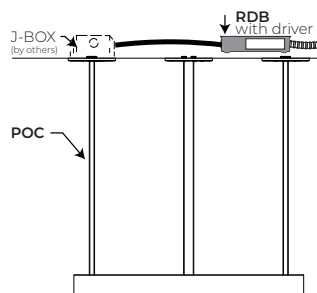
POC - Power-over-aircraft cable

### RDB - REMOTE DRIVER BOX

#### MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

# RIM SEGMENT



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## 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% Eco, 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 (radius)	ANGLE	WEIGHT	
		lbs	kg
12"	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
18"	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
24"	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
30"	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
36"	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
48"	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 (length)	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.