

RIM SYSTEM

PENDANT
STATIC WHITE

LUMENWERX



Project: _____

Type: _____



DESCRIPTION

Rim Systems are the luminaires created by the combining of Rim Segments. 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

A drawing of your pattern is required - anything from a line drawing to an architectural drawing. You can also use the grid on page 2 to sketch your layout.

LUMINAIRE ID	SIZE ¹	OPTIC		LIGHT SOURCE ³		CRI	
		ULO	SW	SW	90		
RIMOSYSP - Rim Open System Pendant	CURVED SEGMENT ² (radius) #X12C(##) - 12" #X18C(##) - 18" RIMCSYSP - Rim Closed System Pendant #X24C(##) - 24" #X30C(##) - 30"	STRAIGHT SEGMENT ² (length) #X24S - 24" #X36S - 36" #X48S - 48" #X60S - 60"	Angle: 60 - 60° 90 - 90° 120 - 120° 180 - 180° 270 - 270° ## - Custom	#X72S - 72" #X96S - 96" #X120S - 120" #X144S - 144"	ULO - Uniform Lambertian Optic	SW - Static white ³ Chromawerx Sola, Duo and Quadro also available. Consult factory.	90 - 90 CRI
¹ Other sizes available; shipped in separate pieces. Consult factory. ² Specify quantity (#) and angle (##) for curved segment and quantity (#) for straight segment.							

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

MOUNTING				FINISH	
DRIVER BOX ⁹ RCD ^{10,11} - Round canopy driver box RDB ¹² - Remote driver box	CANOPY FINISH W - White AL - Aluminum B - Black CF - Custom finish, specify RAL#	POWER POC - Integrated suspension power-over-aircraft cable BAC - Black power cord + aircraft cable WAC - White power cord + aircraft cable	MOUNTING POINTS MC ^{13,14} - Multiple canopies	MOUNTING CABLE LENGTH	
⁹ For more information see page 4. ¹⁰ Not available with 347V. ¹¹ Not available with 12C(60) curved segment. ¹² Multiple remote driver boxes may be necessary for lumen packages higher than 10000 lm.			¹³ Canopies provided for every section. ¹⁴ With the RCD option, the type of each canopy may differ based on the selected lumen package and driver options. Consult factory for details.	18IN - 18" 24IN - 24" 36IN - 36" 48IN - 48" 60IN - 60"	72IN - 72" 96IN - 96" 120IN - 120" ##IN - Specify nominal length in inches
See website for the Pendant Mounting Guide					

RIM SYSTEM

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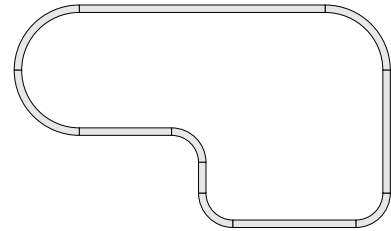
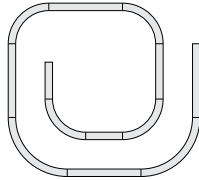
PENDANT
STATIC WHITE

Pattern

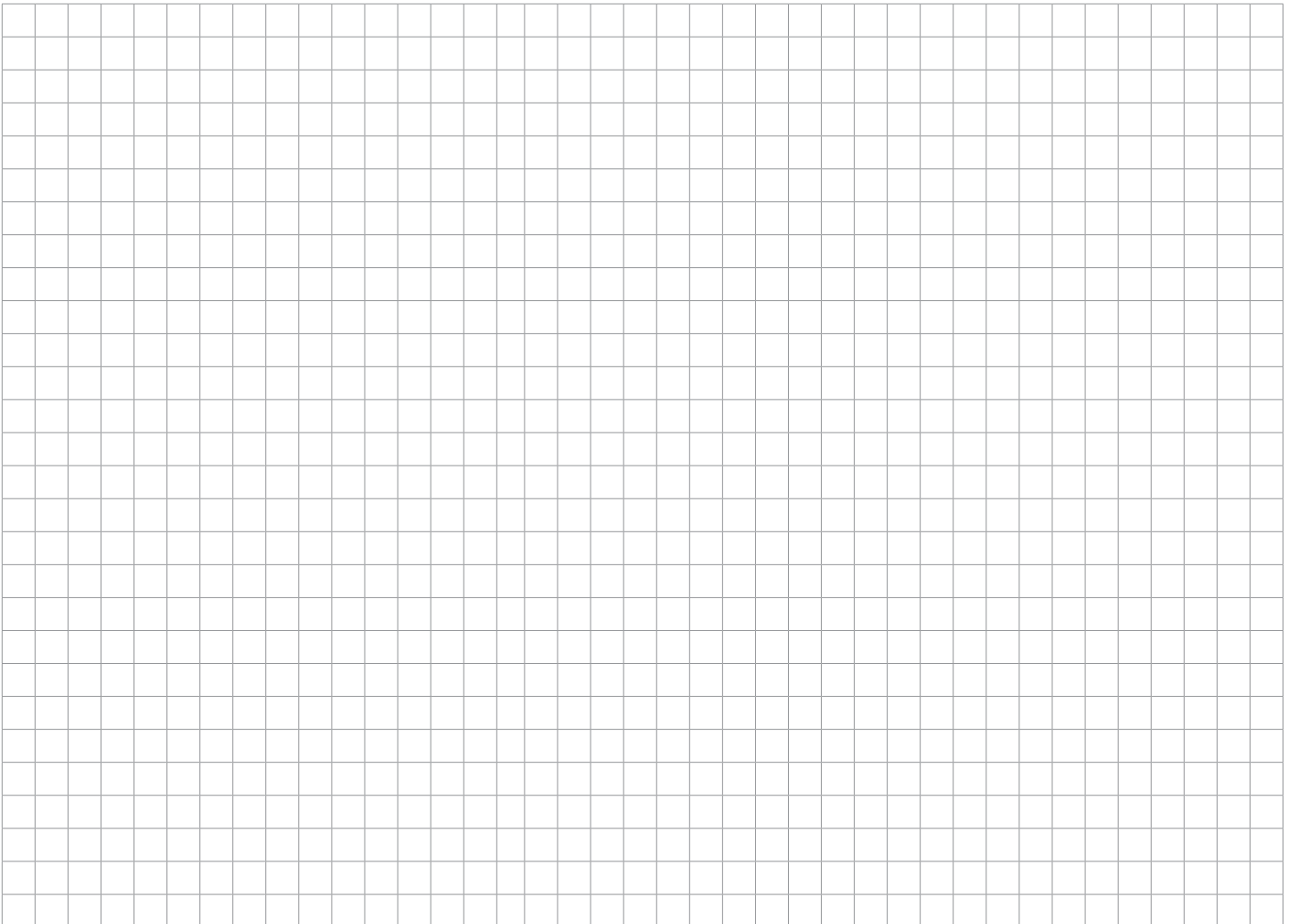
Use the grid below to sketch and label the layout of your Rim System.
Indicate the direction of the light (**inside lit** or **outside lit**) in your drawing.



RIMOSYSP - Rim Open System Pendant



RIMCSYSP - Rim Closed System Pendant



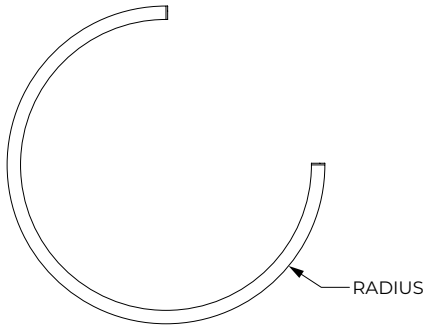
RIM SYSTEM

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Dimensions

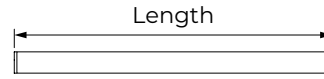
CURVED SEGMENT



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"

RIMSEGP - Rim Segment Pendant

STRAIGHT SEGMENT



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

RIMSEGP - Rim Segment Pendant

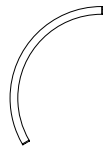
Curved segment - Angle



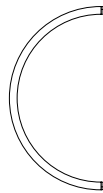
60°



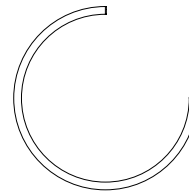
90°



120°

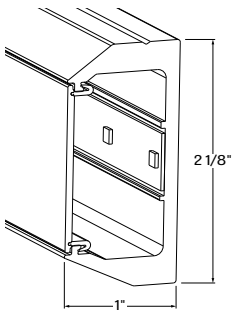


180°

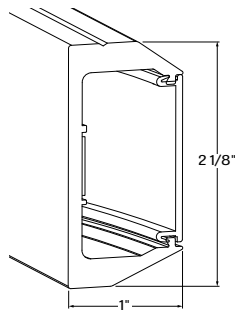


270°

SECTION VIEW



RIMSEGP - Rim Segment Pendant



RIMVSEGP - Rim Verso Segment Pendant

RIM SYSTEM

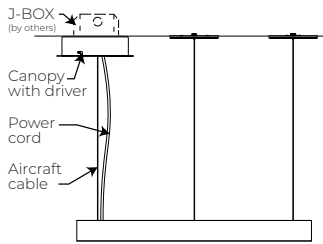
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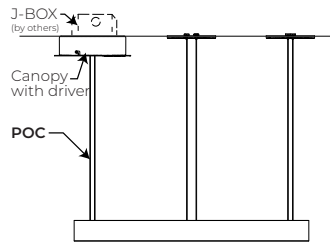
Mounting Options

RCD - ROUND CANOPY DRIVER BOX

MC - MULTIPLE CANOPY



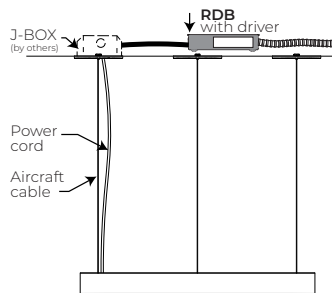
AC - Aircraft cable



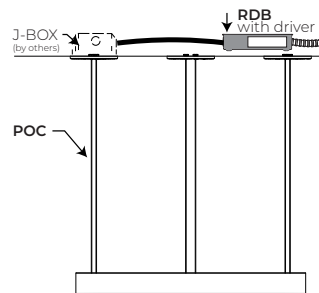
POC - Power-over-aircraft cable

RDB - REMOTE DRIVER BOX

MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

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Technical Specifications

OPTIC

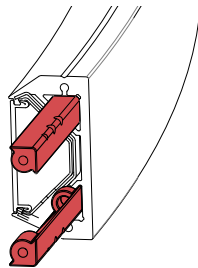
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution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

JOINER

For sizes that are shipped in separate pieces, all sections are joined together on site using pre-installed die cast joiners.



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

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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.