

RIM ROUNDED RECTANGLE



PENDANT
STATIC WHITE



Project: _____

Type: _____



DESCRIPTION

Available in 10 standard sizes total, from 36" x 72" to 96" x 144", Rim Rounded Rectangle fixtures (with 12" and 24" rounded corners) are decorative with a sleek profile suitable in any interior environment, especially when combined with general lighting, wall wash, and/or perimeter effects. Rim Rounded Rectangle is equipped with LED arrays illuminating inward from its rounded rectangular housing. Rim Rounded Rectangle nominal light output ranges from 5300 to 23300 lumens. It is also available with Chromawerx Sola, Duo, and Quadro (consult factory).

Up to 90 lm/W performance

Order Guide

LUMINAIRE ID		SIZE ¹	CORNER RADIUS	OPTIC	LIGHT SOURCE ⁴	CRI	
				ULO	SW	90CRI	
RIMRDREP - Rim Rounded Rectangle Pendant	12" radius 36INX72IN - 36" x 72" 36INX96IN - 36" x 96" 36INX144IN - 36" x 144" 48INX72IN - 48" x 72" 48INX96IN - 48" x 96"		R12 ² - 12" radius R24 ³ - 24" radius ² Only available with 36" and 48" wide fixtures. ³ Only available with 60", 72", and 96" wide fixtures.	ULO - Uniform Lambertian Optic	SW - Static white ⁴ Chromawerx SOLA, DUO, and QUADRO also available. Consult factory.	90CRI - 90 CRI	
	24" radius 60INX120IN - 60" x 120" 60INX144IN - 60" x 144" 72INX144IN - 72" x 144" 96INX120IN - 96" x 120" 96INX144IN - 96" x 144" ¹ Other sizes available; shipped in separate pieces. Consult factory.						
LUMEN PACKAGE		COLOR TEMP.		VOLTAGE	REMOTE DRIVER ⁶	ELECTRICAL ⁸	
						1C	
36" x 72"	Low 5300LM	Medium 7800LM	High 10400LM	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	120V - 120V 277V - 277V UNV - 120V-277V 347V ⁵ -347V	D1 - 1% 0-10V DA ⁷ - DALI LDE1 ⁷ - Lutron Hi-Lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V	1C - 1 circuit ⁸ For other circuit configurations, consult factory.
36" x 96"	6600LM	9700LM	12900LM				
36" x 144"	9200LM	13600LM	18000LM				
48" x 72"	5900LM	8800LM	11600LM				
48" x 96"	7200LM	10700LM	14200LM				
60" x 120"	8600LM	12800LM	16900LM				
60" x 144"	9900LM	14700LM	19440LM				
72" x 144"	10600LM	15600LM	20700LM				
96" x 120"	10600LM	15600LM	20700LM				
96" x 144"	11800LM	17600LM	23300LM				
MOUNTING						FINISH	
DRIVER BOX ⁹		CANOPY FINISH	POWER	MOUNTING POINTS	MOUNTING CABLE LENGTH	W - Matte white AL - Aluminum B - Matte black CF - Custom finish, specify RAL#	
SCD ^{10,11} - Square Canopy Driver Box RDB ¹² - Remote driver box		W - Matte white AL - Aluminum B - Matte black CF - Custom finish, specify RAL#	POC - Integrated suspension power-over-aircraft cable BAC - Black power cord + aircraft cable WAC - White power cord + aircraft cable	SC ¹³ - Single canopy MC ^{14,15} - Multiple canopies	18IN - 18" 24IN - 24" 36IN - 36" 48IN - 48" 60IN - 60" 72IN - 72" 96IN - 96" 120IN - 120" ##IN - Specify nominal length in inches		
⁹ For more information see page 3. ¹⁰ With single canopy option, not available for lumen packages over 6000 lm (3500 lm for Lutron driver options). ¹¹ Not available with 347V. ¹² Multiple remote driver boxes may be necessary for lumen packages higher than 10000 lm.				¹³ Only available with 36" x 72" size. ¹⁴ 4 or more canopies provided. ¹⁵ With the SCD option, the type of each canopy may differ based on the selected lumen package and driver options. Consult factory for details.			

See website for the Pendant Mounting Guide

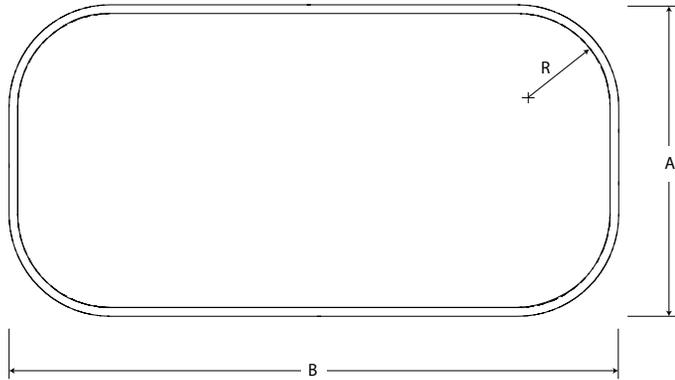


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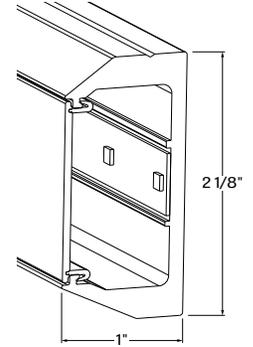
Dimensions



Rim Rectangle Rounded Pendant

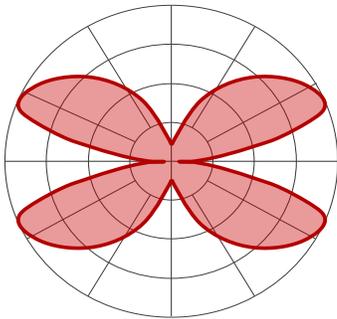
	R	A	B
36" x 72"	12"	36 5/8"	72 5/8"
36" x 96"	12"	36 5/8"	96 5/8"
36" x 144"	12"	36 5/8"	144 5/8"
48" x 72"	12"	48 5/8"	72 5/8"
48" x 96"	12"	48 5/8"	96 5/8"
60" x 120"	24"	60 5/8"	120 5/8"
60" x 144"	24"	60 5/8"	144 5/8"
72" x 144"	24"	72 5/8"	144 5/8"
96" x 120"	24"	96 5/8"	120 5/8"
96" x 144"	24"	96 5/8"	144 5/8"

SECTION VIEW



Rim Rectangle Rounded Pendant

Photometrics



Delivered lumens at 40K at 90 CRI

36" x 72"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	58.9	58.9	5300	90
Medium	89.7	89.7	7800	87
High	123.8	123.8	10400	84

36" x 96"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	73.3	73.3	6600	90
Medium	111.5	111.5	9700	87
High	153.6	153.6	12900	84

36" x 144"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	102.2	102.2	9200	90
Medium	156.3	156.3	13600	87
High	214.3	214.3	18000	84

48" x 72"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	65.6	65.6	5900	90
Medium	101.1	101.1	8800	87
High	138	138	11600	84

48" x 96"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	80	80	7200	90
Medium	123	123	10700	87
High	169	169	14200	84

60" x 120"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	95.6	95.6	8600	90
Medium	147.1	147.1	12800	87
High	201.2	201.2	16900	84

Multiplier @ 90 CRI

CCT (K)	Watts	LPW
2700	1.08	0.92
3000	1.05	0.96
3500	1.02	0.98
4000	1.00	1.00

60" x 144"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	110	110	9900	90
Medium	169	169	14700	87
High	231.4	231.4	19440	84

72" x 144"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	117.8	117.8	10600	90
Medium	179.3	179.3	15600	87
High	246.4	246.4	20700	84

96" x 120"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	117.8	117.8	10600	90
Medium	179.3	179.3	15600	87
High	246.4	246.4	20700	84

96" x 144"

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	131.1	131.1	11800	90
Medium	202.3	202.3	17600	87
High	277.4	277.4	23300	84

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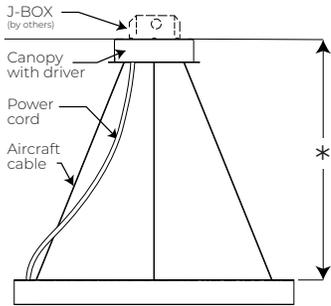
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Mounting Options

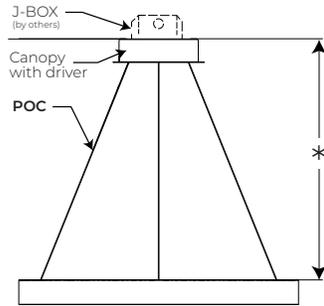
SCD - SQUARE CANOPY DRIVER BOX

SC - SINGLE CANOPY¹

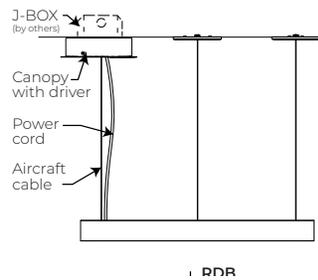
MC - MULTIPLE CANOPY



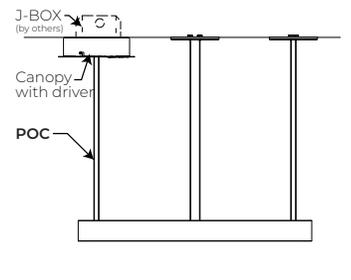
AC - Aircraft cable



POC - Power-over-aircraft cable



AC - Aircraft cable

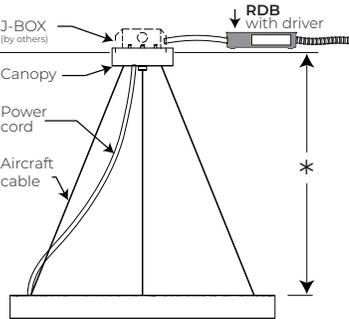


POC - Power-over-aircraft cable

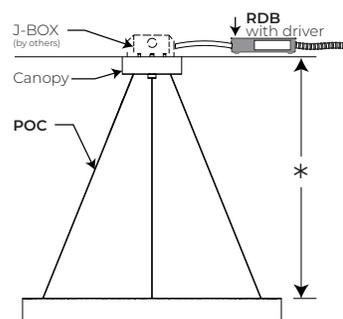
RDB - REMOTE DRIVER BOX

SC - SINGLE CANOPY¹

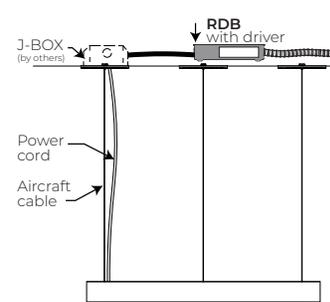
MC - MULTIPLE CANOPY



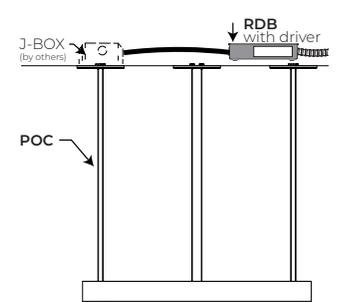
AC - Aircraft cable



POC - Power-over-aircraft cable



AC - Aircraft cable



POC - Power-over-aircraft cable

¹ Only available with 3' x 6' size.

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Technical Specifications

OPTIC

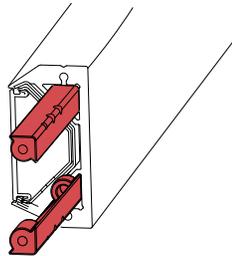
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution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

36" x 72" - 13lbs - 5.9kg
36" x 96" - 16.2lbs - 7.3kg
36" x 144" - 22.6lbs - 10.2kg
48" x 72" - 14.6lbs - 6.6kg
48" x 96" - 17.8lbs - 8kg
60" x 120" - 21.2lbs - 9.6kg
60" x 144" - 24.4lbs - 11kg
72" x 144" - 26lbs - 11.8kg
96" x 120" - 26lbs - 11.8kg
96" x 144" - 29.2lbs - 13.2kg

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.