

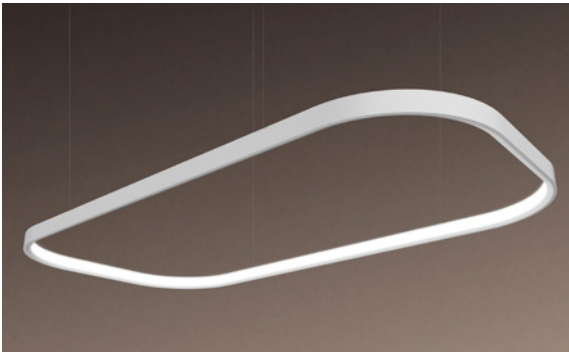
RIM ROUNDED RECTANGLE

LUMENWERX

PENDANT
STATIC WHITE



Project: _____
Type: _____



DESCRIPTION

Available in 10 standard sizes total, from 3' x 6' to 8' x 12', Rim Rounded Rectangle fixtures (with 1' and 2' 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	OPTIC	LIGHT SOURCE ²	CRI	LUMEN PACKAGE (lm)				COLOR TEMP.	VOLTAGE
		ULO	SW	90						
RIMRER1P - Rim Rectangle Pendant with Rounded 1FT Radius Corners RIMRER2P - Rim Rectangle Pendant with Rounded 2FT Radius Corners	Radius 1'	ULO - Uniform Lambertian Optic	SW - Static white ² Chromawerx Sola, Duo, and Quadro also available. Consult factory.	90 - 90CRI		Low	Medium	High	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	120 - 120V 277 - 277V UNV - 120V-277V 347 ³ -347V ³ Available with D1 driver only.
	136 - 3' x 6'				136	5300	7800	10400		
	138 - 3' x 8'				138	6600	9700	12900		
	1312 - 3' x 12'				1312	9200	13600	18000		
	146 - 4' x 6'				146	5900	8800	11600		
	148 - 4' x 8'				148	7200	10700	14200		
	Radius 2'									
	2510 - 5' x 10'				2510	8600	12800	16900		
	2512 - 5' x 12'				2512	9900	14700	19440		
	2612 - 6' x 12'				2612	10600	15600	20700		
	2810 - 8' x 10'				2810	10600	15600	20700		
	2812 - 8' x 12'				2812	11800	17600	23300		
	¹ Other sizes available; shipped in separate pieces. Consult factory.									

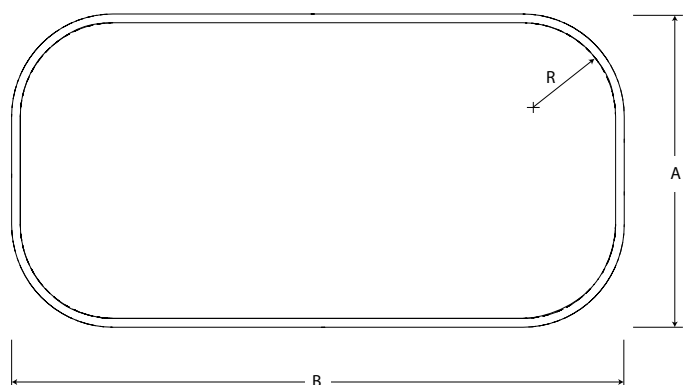
REMOTE DRIVER ⁴	ELECTRICAL ⁶	MOUNTING				FINISH	
	1C						
D1 - 1% 0-10V DA ⁵ - DALI LTEA2W - Lutron 1% - 2 wire FP 120V LDE1 ⁵ - Lutron Hi-Lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V ⁴ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁵ On-site commissioning is required.	1C - 1 circuit ⁶ For other circuit configurations, consult factory.	DRIVER BOX ⁷ SCD ^{8,9} - Square Canopy Driver Box RDB ¹⁰ - Remote driver box ⁷ For more information see page 3. ⁸ With single canopy option, not available for lumen packages over 6000lm (3500lm for Lutron driver options). ⁹ Not available with 347V. ¹⁰ Multiple remote driver boxes may be necessary for lumen packages higher than 10000 lm.	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 SC ¹¹ - Single canopy MC ^{12,13} - Multiple canopies ¹¹ Only available with 3' x 6' size. ¹² 4 or more canopies provided. ¹³ With the SCD option, the type of each canopy may differ based on the selected lumen package and driver options. Consult factory for details.	MOUNTING CABLE LENGTH 18IN - 18" 24IN - 24" 36IN - 36" 48IN - 48" 60IN - 60" 72IN - 72" 96IN - 96" 120IN - 120" ##IN - Specify nominal length in inches	W - White AL - Aluminum B - Black CF - Custom finish, specify RAL#

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

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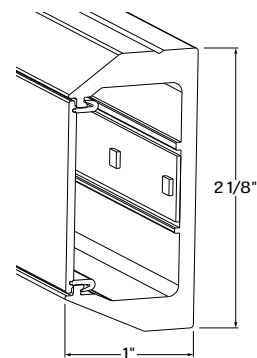
Dimensions



Rim Rectangle Rounded Pendant

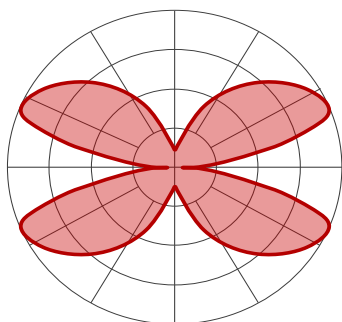
	R	A	B
136	1'	36 5/8"	72 5/8"
138	1'	36 5/8"	96 5/8"
1312	1'	36 5/8"	144 5/8"
146	1'	48 5/8"	72 5/8"
148	1'	48 5/8"	96 5/8"
2510	2'	60 5/8"	120 5/8"
2512	2'	60 5/8"	144 5/8"
2612	2'	72 5/8"	144 5/8"
2810	2'	96 5/8"	120 5/8"
2812	2'	96 5/8"	144 5/8"

SECTION VIEW



Rim Rectangle Rounded Pendant

Photometrics



Delivered lumens at 40K at 90 CRI

136 - 3' x 6' radius 1'

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

138 - 3' x 8' radius 1'

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

1312 - 3' x 12' radius 1'

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

146 - 4' x 6' radius 1'

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

148 - 4' x 8' radius 1'

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

2510 - 5' x 10' radius 2'

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

2512 - 5' x 12' radius 2'

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

2612 - 6' x 12' radius 2'

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

2810 - 8' x 10' radius 2'

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

2812 - 8' x 12' radius 2'

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

Multiplier @ CRI90

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

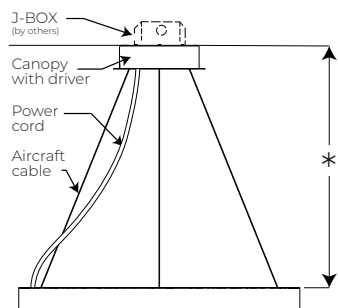
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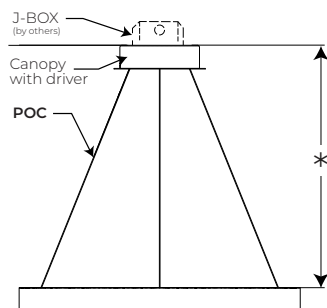
Mounting Options

SCD - SQUARE CANOPY DRIVER BOX

SC - SINGLE CANOPY¹

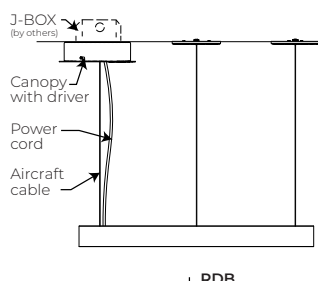


AC - Aircraft cable

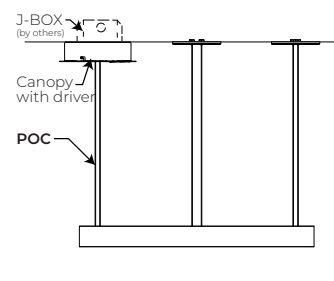


POC - Power-over-aircraft cable

MC - MULTIPLE CANOPY



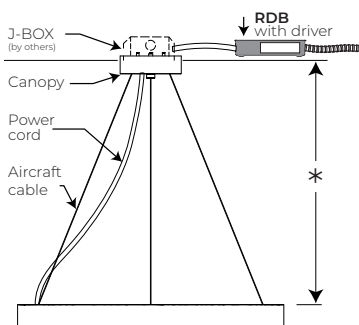
AC - Aircraft cable



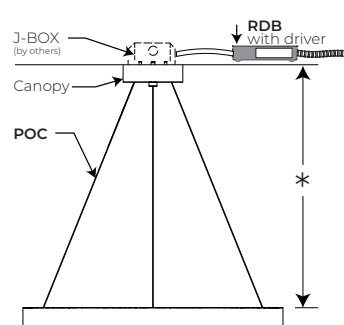
POC - Power-over-aircraft cable

RDB - REMOTE DRIVER BOX

SC - SINGLE CANOPY¹

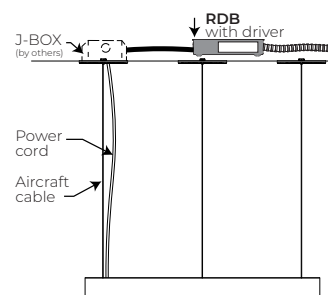


AC - Aircraft cable

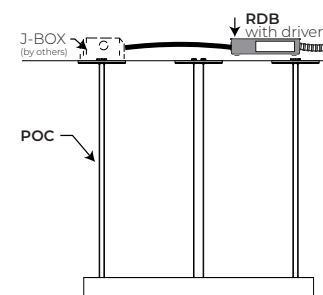


POC - Power-over-aircraft cable

MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

¹ Only available with 3' x 6' size.

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Technical Specifications

OPTIC

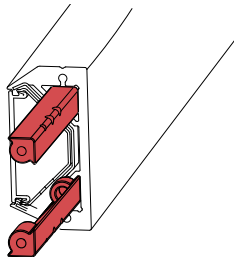
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution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

Rim Rounded Rectangle 136 - 13lbs - 5.9kg

Rim Rounded Rectangle 138 - 16.2lbs - 7.3kg

Rim Rounded Rectangle 1312 - 22.6lbs - 10.2kg

Rim Rounded Rectangle 146 - 14.6lbs - 6.6kg

Rim Rounded Rectangle 148 - 17.8lbs - 8kg

Rim Rounded Rectangle 2510 - 21.2lbs - 9.6kg

Rim Rounded Rectangle 2512 - 24.4lbs - 11kg

Rim Rounded Rectangle 2612 - 26lbs - 11.8kg

Rim Rounded Rectangle 2810 - 26lbs - 11.8kg

Rim Rounded Rectangle 2812 - 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.