

RIM ROUNDED SQUARE

LUMENWERX

PENDANT
STATIC WHITE



Project: _____

Type: _____



DESCRIPTION

Available in eight standard sizes total, from 3' x 3' to 12' x 12', Rim Rounded Square 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 Square is equipped with LED arrays illuminating inward from its rounded square housing. Rim Rounded Square fixtures (with 1' and 2' rounded corners) nominal light output ranges from 3500 to 29700 lumens. It is also available with Chromawerx Sola, Duo, and Quadro (consult factory).

Up to 90 lm/W performance

Order Guide

LUMINAIRE ID	SIZE	OPTIC	LIGHT SOURCE ²	CRI	LUMEN PACKAGE (lm)				COLOR TEMP.	VOLTAGE
		ULO	SW	90						
RIMSRI P - Rim Square Pendant with Rounded 1FT Radius Corners RIMSR2 P - Rim Square Pendant with Rounded 2FT Radius Corners	Radius 1' 133 - 3' x 3' 144 - 4' x 4' 166 - 6' x 6'	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
	188 ¹ - 8' x 8'				133	3500	5000	6800		
	11212 ¹ - 12' x 12'				144	4900	7000	9500		
					166	7700	11000	15000		
					188	10500	15000	20000		
					11212	16000	23000	31000		
	Radius 2'									
	266 - 6' x 6'				266	7000	10000	13500		
	288 ¹ - 8' x 8'				288	9800	14000	19000		
	21212 ¹ - 12' x 12'				21212	15400	22000	29700		
¹ Shipped in separate pieces.										

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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	CANOPY FINISH	POWER	MOUNTING POINTS	MOUNTING CABLE LENGTH ¹⁴		W - White AL - Aluminum B - Black CF - Custom finish, specify RAL#								
		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.	W - White AL - Aluminum B - 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 ¹¹ - Single canopy MC ^{12,13} - Multiple canopies ¹¹ Available up to 6'x6' only. ¹² 4 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.	18IN - 18" 24IN - 24" 36IN - 36" 48IN - 48" 60IN - 60"	72IN - 72" 96IN - 96" 120IN - 120" ##IN - Specify nominal length in inches									
		¹⁴ For single canopy option the minimum required mounting height are (distance from ceiling to top of fixture in inches):														
		<table><tr><td>Fixture size</td><td>Minimum height</td></tr><tr><td>3' x 3'</td><td>min. 21.5"</td></tr><tr><td>4' x 4'</td><td>min. 28.5"</td></tr><tr><td>6' x 6'</td><td>min. 43"</td></tr></table>							Fixture size	Minimum height	3' x 3'	min. 21.5"	4' x 4'	min. 28.5"	6' x 6'	min. 43"
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3' x 3'	min. 21.5"															
4' x 4'	min. 28.5"															
6' x 6'	min. 43"															
See website for the Pendant Mounting Guide																

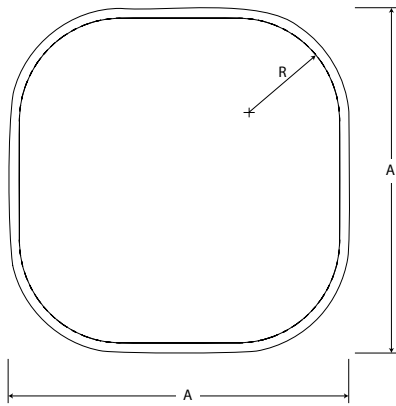
[See website for the Pendant Mounting Guide](#)

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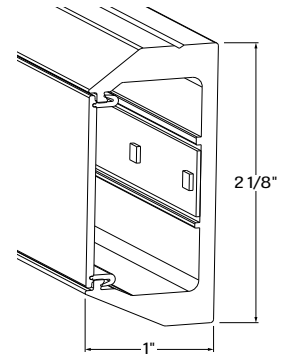
Dimensions



Rim Rounded Square Pendant

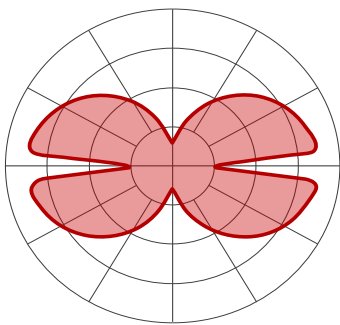
	R	A
133	1'	36 5/8"
144	1'	48 5/8"
166	1'	72 5/8"
188	1'	96 5/8"
11212	1'	144 5/8"
266	2'	72 5/8"
288	2'	96 5/8"
21212	2'	144 5/8"

SECTION VIEW



Rim Rounded Square Pendant

Photometrics



Delivered lumens at 40K at 90 CRI

133 - 3' x 3' radius 1'

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low		38.9	3500	90
Medium		57.5	5000	87
High		81	6800	84

144 - 4' x 4' radius 1'

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low		54.4	4900	90
Medium		80.5	7000	87
High		113.1	9500	84

166 - 6' x 6' radius 1'

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low		85.6	7700	90
Medium		126.4	11000	87
High		178.6	15000	84

188 - 8' x 8' radius 1'

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low		116.7	10500	90
Medium		172.4	15000	87
High		238.1	20000	84

11212 - 12' x 12' radius 1'

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low		177.8	16000	90
Medium		264.4	23000	87
High		369	31000	84

266 - 6' x 6' radius 2'

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low		77.8	7000	90
Medium		114.9	10000	87
High		160.7	13500	84

288 - 8' x 8' radius 2'

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low		108.9	9800	90
Medium		160.9	14000	87
High		226.2	19000	84

21212 - 12' x 12' radius 2'

	LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low		171.1	15400	90
Medium		252.9	22000	87
High		353.6	29700	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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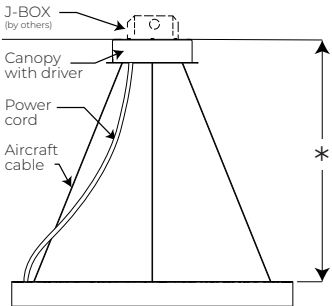
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Mounting Options

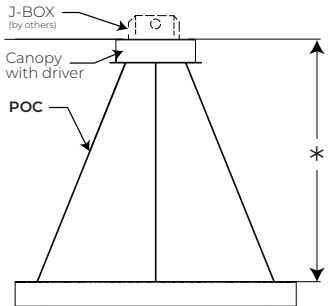
SCD - SQUARE CANOPY DRIVER BOX

SC - SINGLE CANOPY

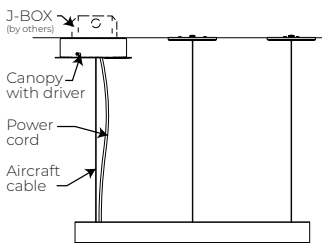
MC - MULTIPLE CANOPY



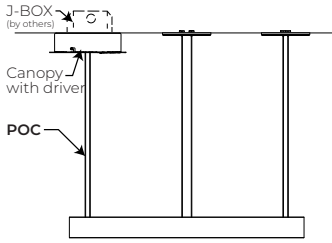
AC - Aircraft cable



POC - Power-over-aircraft cable



AC - Aircraft cable

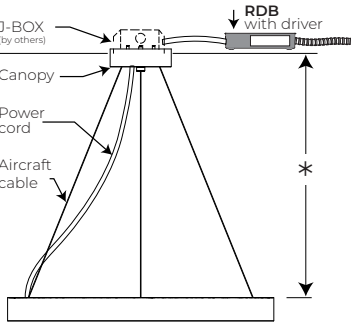


POC - Power-over-aircraft cable

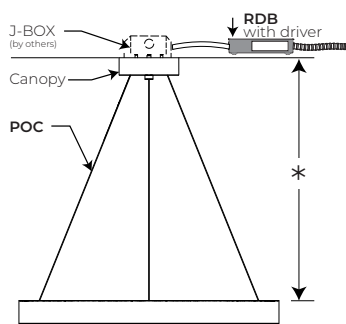
RDB - REMOTE DRIVER BOX

SC - SINGLE CANOPY

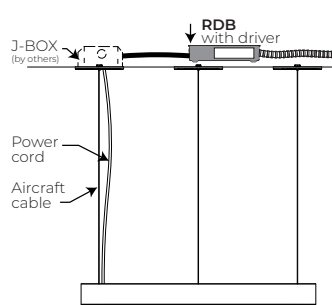
MC - MULTIPLE CANOPY



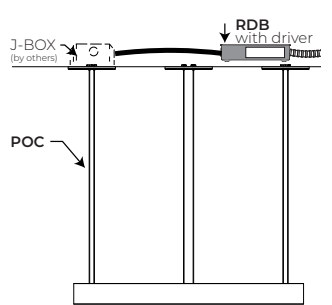
AC - Aircraft cable



POC - Power-over-aircraft cable



AC - Aircraft cable



POC - Power-over-aircraft cable

*minimum height

For single canopy option, the minimum required mounting heights:

Fixture size	* Minimum height
3' x 3'	min. 21.5"
4' x 4'	min. 28.5"
6' x 6'	min. 43"

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Technical Specifications

OPTIC

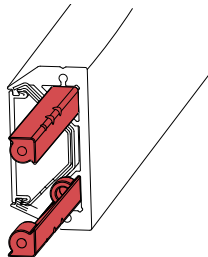
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution 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 Square 133 - 8.2lbs - 3.7kg

Rim Rounded Square 144 - 11.4lbs - 5.1kg

Rim Rounded Square 166 - 17.8lbs - 8kg

Rim Rounded Square 188 - 24.2lbs - 10.9kg

Rim Rounded Square 11212 - 37lbs - 16.7kg

Rim Rounded Square 266 - 16.4lbs - 7.4kg

Rim Rounded Square 288 - 22.8lbs - 10.3kg

Rim Rounded Square 21212 - 35.6lbs - 16.1kg

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.