

RIM ROUND

PENDANT
STATIC WHITE

LUMENWERX



Project: _____

Type: _____



Rim Round



Rim Verso Round

DESCRIPTION

Available in eight standard sizes, from 2' to 12' diameter, Rim Round fixtures are decorative with a sleek profile suitable in any interior environment, especially when combined with general lighting, wall wash, and/or perimeter effects. Standard Rim Round is equipped with LED arrays illuminating inward from its circular housing. In contrast, Rim Verso Round fixtures are equipped with LED arrays illuminating outward from their housing. Certain smaller Rim Round sizes can be combined (two to three fixtures only) to form Rim Multiple Round luminaires. Similarly, certain smaller Rim Round sizes can be vertically mounted and as such are known as Rim Air Round fixtures. Rim Round nominal light output ranges from 2000 to 24000 lumens. It is also available with Chromawerx Sola, Duo, and Quadro (consult factory).

Up to 95 lm/W performance

Order Guide

LUMINAIRE ID	SIZE	OPTIC	LIGHT SOURCE ³	CRI	LUMEN PACKAGE (lm)				COLOR TEMP.	VOLTAGE
		ULO	SW	90						
RIMRP - Rim Round Pendant	24 - 24" diameter	ULO - Uniform Lambertian Optic	SW - Static white ³ Chromawerx Sola, Duo and Quadro also available. Consult other spec sheet.	90 - 90CRI	24"	Low	Medium	High	27 - 2700K	120 - 120V
RIMVRP - Rim Verso Round Pendant	36 - 36" diameter				36"	2000	3000	4000	30 - 3000K	277 - 277V
	48 - 48" diameter				48"	3000	4500	6000	35 - 3500K	UNV -
	60 - 60" diameter				60"	4000	6000	8000	40 - 4000K	120V-277V
	72 - 72" diameter				72"	5000	7500	10000		347 ⁴ -347V
	96 ^{1,2} - 96" diameter				96"	6000	9000	12000		
	120 ^{1,2} - 120" diameter				120"	8000	12000	16000		
	144 ^{1,2} - 144" diameter				144"	10000	15000	20000		
						12000	18000	24000		

¹ Not available with RIMVRP.
² Shipped in separate pieces.

⁴ Available with DI driver only.

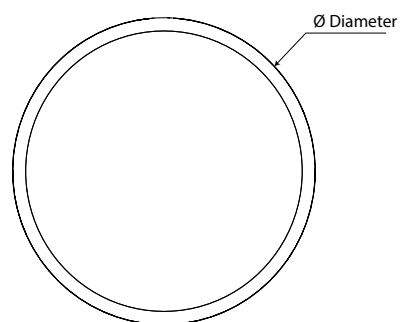
REMOTE DRIVER ⁵		ELECTRICAL ⁷		MOUNTING			FINISH											
	1C																	
D1 - 1% 0-10V DA ⁶ - DALI LTEA2W - Lutron 1% - 2 wire FP 120V LDEI ⁶ - Lutron Hi- Lume 1% Eco ELD1 - eldoLED 1% ECODrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V ⁵ PoE (Power- over-Ethernet) compatible. Consult factory for details. ⁶ On-site commissioning is required.	1C - 1 circuit ⁷ For other circuit configurations, consult factory.	DRIVER BOX ⁸	CANOPY FINISH	POWER	MOUNTING POINTS	MOUNTING CABLE LENGTH ¹⁵		W - White AL - Aluminum B - Black CF - Custom finish, specify RAL#										
		RCD ^{9,10} - Round canopy driver box RDB ¹¹ - Remote driver box ⁸ For more information see page 4. ⁹ With single canopy option, not available for lumen packages over 6000lm (3500lm for Lutron driver options). ¹⁰ Not available with 347V. ¹¹ 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 ¹² - Single canopy MC ^{13,14} - Multiple canopies ¹² Available up to 60" only. ¹³ 3 Canopies for Rim 24", 4 canopies for all other sizes. 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" ¹⁵ For single canopy option, the minimum required mounting heights are (distance from ceiling to top of fixture in inches): <table><tr><td>Fixture size</td><td>Minimum height</td></tr><tr><td>Ø 24"</td><td>min height 15"</td></tr><tr><td>Ø 36"</td><td>min height 22"</td></tr><tr><td>Ø 48"</td><td>min height 29"</td></tr><tr><td>Ø 60"</td><td>min height 36"</td></tr></table>	Fixture size		Minimum height	Ø 24"	min height 15"	Ø 36"	min height 22"	Ø 48"	min height 29"	Ø 60"	min height 36"	72IN - 72" 96IN - 96" 120IN - 120" ##IN - Specify nominal length in inches
		Fixture size	Minimum height															
Ø 24"	min height 15"																	
Ø 36"	min height 22"																	
Ø 48"	min height 29"																	
Ø 60"	min height 36"																	
See website for the Pendant Mounting Guide																		

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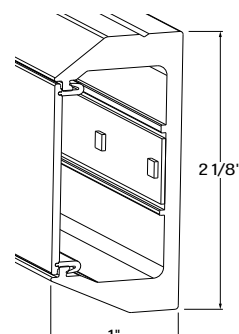
Dimensions



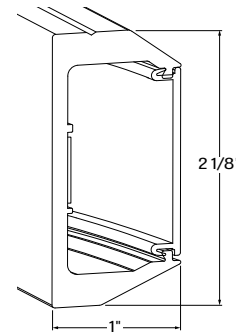
Ø Diameter		
	ROUND	VERSO
24	Ø 24 1/4"	Ø 24
36	Ø 35 5/8"	Ø 36"
48	Ø 48"	Ø 48"
60	Ø 60 7/16"	Ø 60"
72	Ø 72 5/8"	Ø 72"
96	Ø 96 5/8"	N/A
120	Ø 120 5/8"	N/A
144	Ø 144 5/8"	N/A

RIMRP - Rim Round Pendant

SECTION VIEW



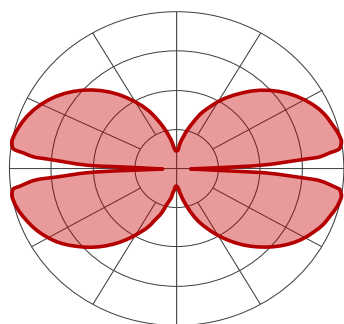
RIMRP - Rim Round Pendant



RIMVRP - Rim Verso Round Pendant

Photometrics

RIMRP - RIM ROUND PENDANT



Delivered lumens at 40K at 90 CRI

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

24" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	22.2	2000	90
Medium	34.6	3000	87
High	47.7	4000	84

36" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	33.4	3000	90
Medium	52	4500	87
High	71.7	6000	84

48" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	44.5	4000	90
Medium	69.2	6000	87
High	95.4	8000	84

60" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	55.6	5000	90
Medium	86.2	7500	87
High	119.3	10000	84

72" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	66.7	6000	90
Medium	103.9	9000	87
High	143.2	12000	84

96" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	88.9	8000	90
Medium	138.5	12000	87
High	190.9	16000	84

120" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	111.1	10000	90
Medium	173	15000	87
High	238.6	20000	84

144" diameter

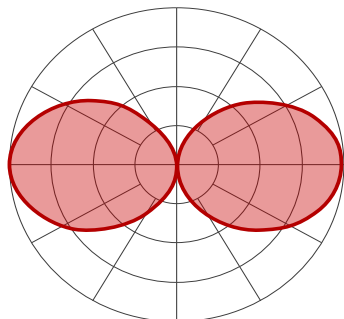
LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	13.3	12000	90
Medium	206.9	18000	87
High	285.7	24000	84

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RIMVRP - RIM VERSO ROUND PENDANT



Delivered lumens at 40K at 90 CRI

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

24" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	21	2000	95
Medium	32.9	3000	91
High	45.3	4000	88

48" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	42.1	4000	95
Medium	65.7	6000	91
High	90.6	8000	88

72" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	63.2	6000	95
Medium	98.6	9000	91
High	135.9	12000	88

36" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	31.6	3000	95
Medium	49.5	4500	91
High	68.2	6000	88

60" diameter

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	52.6	5000	95
Medium	82.1	7500	91
High	113.2	10000	88

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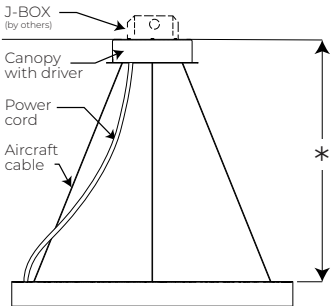
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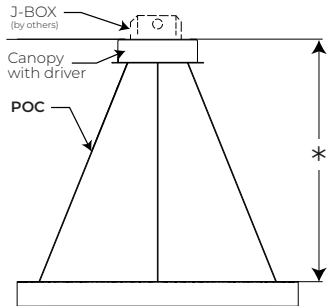
Mounting Options

RCD - ROUND CANOPY DRIVER BOX

SC - SINGLE CANOPY

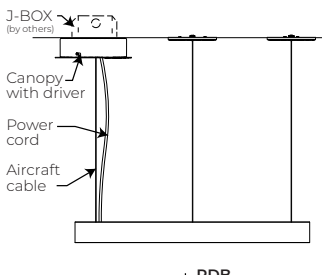


AC - Aircraft cable

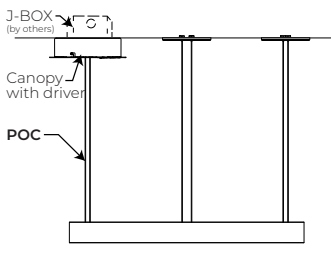


POC - Power-over-aircraft cable

MC - MULTIPLE CANOPY



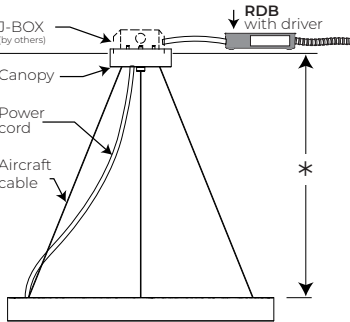
AC - Aircraft cable



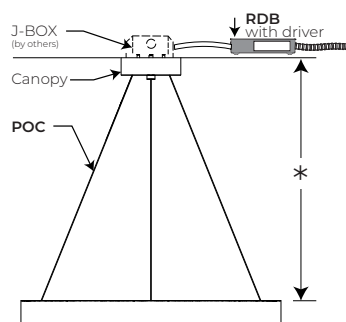
POC - Power-over-aircraft cable

RDB - REMOTE DRIVER BOX

SC - SINGLE CANOPY

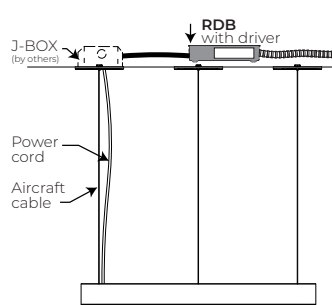


AC - Aircraft cable

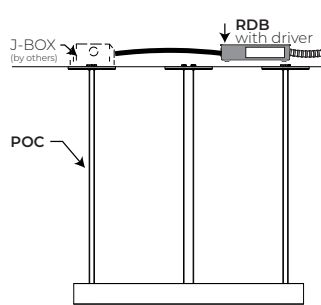


POC - Power-over-aircraft cable

MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

*minimum height

For single canopy option, the minimum required mounting heights:

Fixture size	* Minimum height
Ø 24"	min height 15"
Ø 36"	min height 22"
Ø 48"	min height 29"
Ø 60"	min height 36"

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Technical Specifications

OPTIC

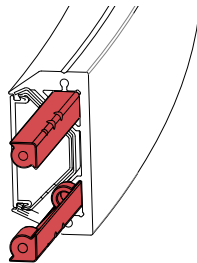
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution 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 round 24 - 5lbs - 2.2kg

Rim round 36 - 7.5lbs - 3.4kg

Rim round 48 - 10lbs - 4.5kg

Rim round 60 - 12.5lbs - 5.6kg

Rim round 72 - 15lbs - 6.8kg

Rim round 96 - 20.1lbs - 9.1kg

Rim round 120 - 25.1lbs - 11.3kg

Rim round 144 - 30.1lbs - 13.6kg

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.