

RIM AIR

PENDANT
STATIC WHITE

LUMENWERX



Project: _____

Type: _____



Rim Air Round



Rim Air Square

DESCRIPTION

Rim Air Round

Available in three standard sizes, from 2' to 4' diameter, Rim Air Round fixtures are vertical counterparts of horizontal Rim Round models. They are decorative with a sleek profile suitable in any interior environment, especially when combined with general lighting, wall wash, and/or perimeter effects. Rim Air Round is equipped with LED arrays illuminating inward from its circular housing. Rim Air Round nominal light output ranges from 2000 to 8000 lumens. It is also available with Chromawerx Sola, Duo, and Quadro (consult factory).

Rim Air Square

Available in three standard sizes, from 2' x 2' to 4' x 4', Rim Air Square fixtures are vertical counterparts of horizontal Rim Square models. They are decorative with a sleek profile suitable in any interior environment, especially when combined with general lighting, wall wash, and/or perimeter effects. Rim Air Square is equipped with LED arrays illuminating inward from its square housing. Rim Air Square nominal light output ranges from 2600 to 10200 lumens. It is also available with Chromawerx Sola, Duo, and Quadro (consult factory).

Order Guide

Up to 90 lm/W performance

LUMINAIRE ID	SIZE	OPTIC	LIGHT SOURCE ¹	CRI	LUMEN PACKAGE (lm)				COLOR TEMP.	VOLTAGE
		ULO	SW	90						
RIMARP - Rim Air Round Pendant	24 - Round 24" diameter, or Square 24" x 24"	ULO - Uniform Lambertian Optic	SW - Static white ¹ Chromawerx Sola, Duo, and Quadro also available. Consult factory.	90 - 90CRI	R-24	Low	Medium	High	27 - 2700K	120 - 120V
RIMASP - Rim Air Square Pendant	36 - Round 36" diameter, or Square 36" x 36"				R-36	2000	3000	4000	30 - 3000K	277 - 277V
	48 - Round 48" diameter, or Square 48" x 48"				R-48	3000	4500	6000	35 - 3500K	UNV - 120V-277V
					S-24	4000	6000	8000	40 - 4000K	347 ² - 347V
					S-36	2600	3800	5000		
					S-48	3900	5800	7600		
						5200	7700	10200		

² Available with D1 driver only.

REMOTE DRIVER ³	ELECTRICAL ⁵	MOUNTING				
	1C			ST	SC	
D1 - 1% 0-10V DA ⁴ - DALI LTEA2W - Lutron 1% - 2 wire FP 120V LDEI ⁴ - Lutron Hi-Lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V ³ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁴ On-site commissioning is required.	1C - 1 circuit ⁵ For other circuit configurations, consult factory.	DRIVER BOX ⁶ RCD ^{7,8,9} - Round canopy driver box SCD ^{7,8,10} - Square canopy driver box RDB ¹¹ - Remote driver box ⁶ For more information see page 3. ⁷ Not available for lumen packages over 6000lm (3500lm for Lutron driver options). ⁸ Not available with 347V. ⁹ Only available with Rim Air Round. ¹⁰ Only available with Rim Air Square. ¹¹ 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#	MOUNTING TYPE ST ¹² - Stem (Ø0.5") ¹² Stem finish is the same color as fixture.	MOUNTING POINTS SC - Single canopy	MOUNTING HEIGHT ¹³ ##IN ¹⁴ - Specify nominal length in inches ¹³ Distance from the canopy to the fixture. ¹⁴ Maximum 48".

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

FINISH

W - White
AL - Aluminum
B - Black
CF - Custom finish, specify RAL#

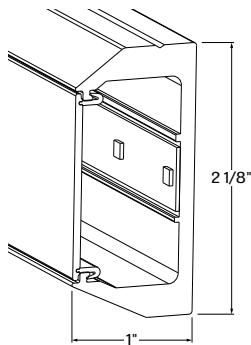
RIM AIR

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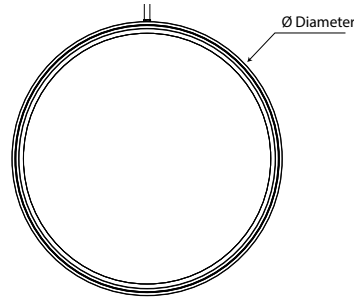
Dimensions

SECTION VIEW

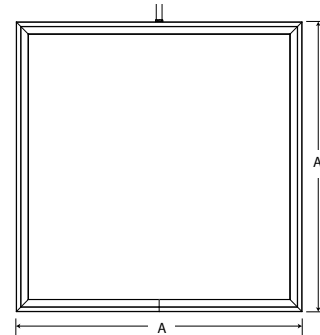


Rim Air Pendant

SIDE VIEW



RIMARP - Rim Air Round Pendant



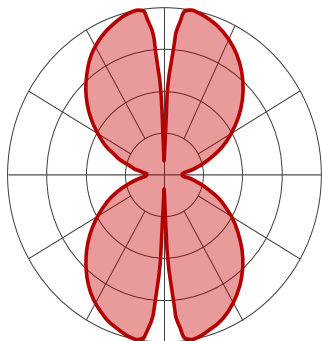
RIMASP - Rim Air Square Pendant

Ø Diameter	
R-24	Ø 24 1/4"
R-36	Ø 35 5/8"
R-48	Ø 48"

A	
S-24	24 5/8"
S-36	36 5/8"
S-48	48 5/8"

Photometrics

RIMARP - RIM AIR ROUND PENDANT



Delivered lumens at 40K at 90 CRI

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

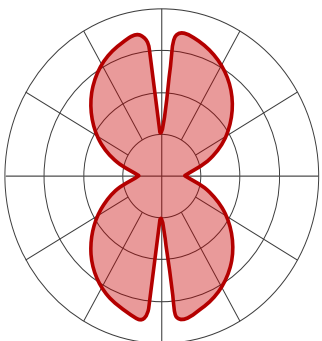
48" diameter

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

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

RIMASP - RIM AIR SQUARE PENDANT



Delivered lumens at 40K at 90 CRI

24" x 24"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	28.9	2600	90
Medium	43.7	3800	87
High	59.5	5000	84

36" x 36"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	43.3	3900	90
Medium	66.7	5800	87
High	90.5	7600	84

48" x 48"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	57.8	5200	90
Medium	88.5	7700	87
High	121.4	10200	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

RIM AIR

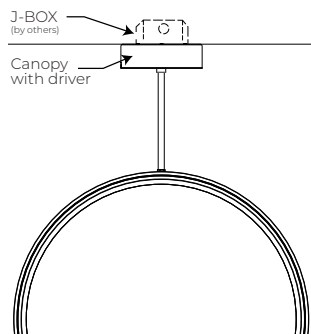
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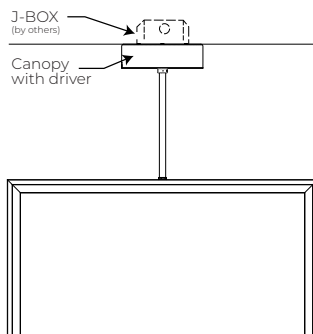
Mounting Options

RCD / SCD - ROUND / SQUARE CANOPY DRIVER BOX

SC - SINGLE CANOPY



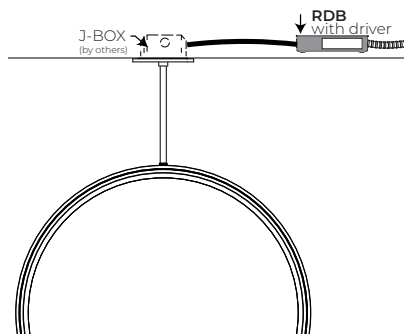
RIMARP - Rim Air Round Pendant



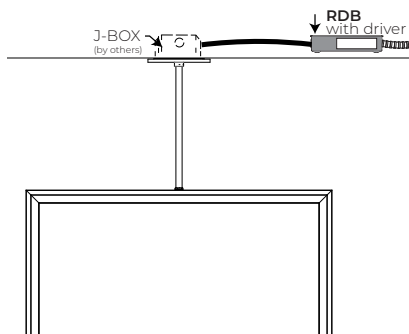
RIMASP - Rim Air Square Pendant

RDB - REMOTE DRIVER BOX

SC - SINGLE CANOPY



RIMARP - Rim Air Round Pendant



RIMASP - Rim Air Square Pendant

RIM AIR

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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.

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 Air Round 24 - 5lbs - 2.2kg
Rim Air Round 36 - 7.5lbs - 3.4kg
Rim Air Round 48 - 10lbs - 4.5kg
Rim Air Square 24 - 6.4lbs - 2.9kg
Rim Air Square 36 - 9.6lbs - 4.3kg
Rim Air Square 48 - 12.8lbs - 5.8kg

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.