

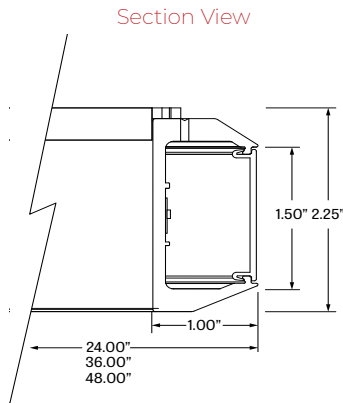
RIM VERSO

ACOUSTIX - STATIC WHITE

LUMENWERX

Project: _____

Type: _____



Rim Verso Acoustix combines generous ambient illumination with elegant geometry. The 2" high extruded aluminum frame is formed and finished into a seamless ring that can be painted in a wide range of standard and custom colors. The driver installs remotely, either above or below the ceiling. Three-to-four point suspension is available in an ultra-clean integrated power-over-cable option. Rim Verso Acoustix is available in three diameters: 24", 36" and 48". Nominal light output ranges from 2000 to 8000 lumens, with efficacy up to 77 lumens per watt. Rim Verso Acoustix is available in Static White. Chromawerx QUADRO, DUO and SOLA are also available, see separate spec sheets.

Performance

Based on 90CRI, 3000K, medium lumen package.

SIZE	LUMEN OUTPUT	EFFICACY
Ø 24"	3605 lm	77 lm/W

Order Guide

LUMINAIRE ID	SIZE	OPTICS	LIGHT SOURCE	CRI	LUMEN PACKAGES			COLOR TEMP	VOLTAGE	DRIVER	
RIMVACORP		ULO	SW	90							
RIMVACORP - Rim Verso Acoustix Round Pendant	24 - 24" diameter 36 - 36" diameter 48 - 48" diameter	ULO - Uniform Lambertian optic	SW - Static white	90 - 90CRI	Ø 24" Ø 36" Ø 48"	Low L2000lm L3000lm L4000lm	Medium M3000lm M4500lm M6000lm	High H4000lm H6000lm H8000lm	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	120 -120V 277 - 277V UNV - 120V-277V	D1 - 1% 0-10V DA ¹ - DALI LTEA2W - Lutron 1% - 2 wire FP 120V LDE1 ¹ - Lutron Hi-lume 1% Eco LDE5 ¹ - Lutron 5% EcoSystem ¹ On-site commissioning is required.

ELECTRICAL MOUNTING

1					
1 - 1 circuit	DRIVER BOX RCD ² - Round canopy driver box RDB - Remote driver box ² RCD is not available for lumen packages over 6000lm (3500lm for Lutron drivers).	CANOPY FINISH AL - Aluminum B - Matte black W - Matte white CF# - Custom finish specify RAL#	POWER POC ³ - Integrated suspension power-over-aircraft cable BAC - Black power cord + aircraft cable WAC - White power cord + aircraft cable ³ For more information see page 3.	MOUNTING POINTS SC - Single canopy MC ⁴⁵⁶ - Multiple canopies ⁴ Not available with RCD. ⁵ Not available with POC. ⁶ 3 canopies for Rim 24", and 4 canopies for Rim 36" and Rim 48".	HEIGHT #IN ⁷ - Distance from the canopy to the fixture in inches ⁷ For single canopy option, the minimum mounting heights are: Fixture size Round canopy driver box Remote driver box Ø 24" min height 17.5" min height 18.5" Ø 36" min height 26.75" min height 29" Ø 48" min height 37" min height 39.25"

FIXTURE FINISH

FELT COLOR

AL - Aluminum B - Matte black W - Matte white CF# - Custom finish specify RAL#	STANDARD COLORS 	PREMIUM COLORS ⁸
	⁸ Lead time may vary. Please consult factory for more color options.	

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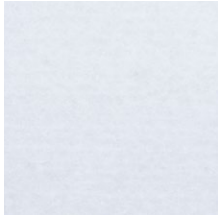
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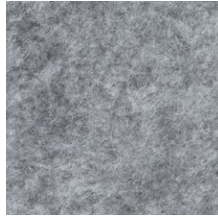
Project: _____

Type: _____

Standard Color Options



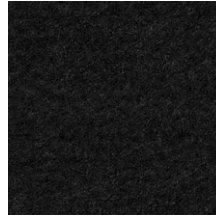
FWN - FROST WHITE



FON - FOG



ION - IRON



TBN - TRUE BLACK



MDN - MIDNIGHT BLUE



LVN - LAVENDER



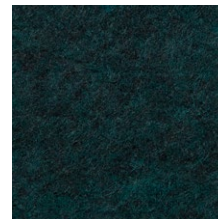
LEN - LATTE



CYN - CHERRY



PMN - PLUM



FGN - FOREST GREEN

Premium Color Options*



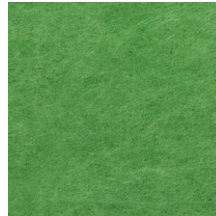
PKN - PAPRIKA



OGN - ORANGE



LNN - LEMON



LMN - LIME



EGN - EVERGREEN



CDN - CLOUDY



LCN - LICHEN



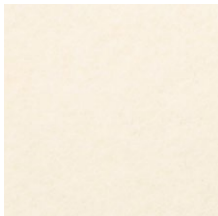
SYN - SKY



BLN - BLUEBERRY



NVN - NAVY



IVN - IVORY



SLN - STEEL



CNN - CARBON



GHN - GRAPHITE



CLN - CHARCOAL



BHN - BLUSH



CFN - CAFÉ



GRN - GREIGE



MON - MOCHA



ESN - ESPRESSO

*Please consult factory for more color options.
*Lead time may vary.

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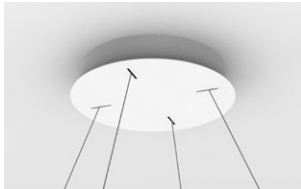
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Mounting Options

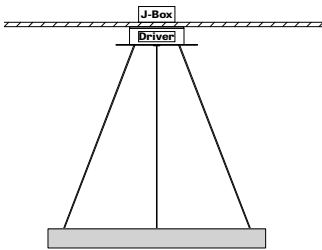
RCD - ROUND CANOPY DRIVER BOX

RCD - Round Canopy Driver Box - driver is in a 6" or 9" diameter, 2" deep enclosure that also supports suspension and power cables. Enclosure is available in standard finishes (see ordering code).

SC - SINGLE CANOPY



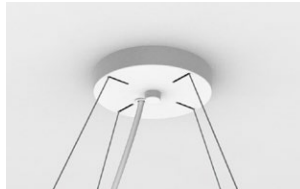
Shown with POC option. Also available with AC.



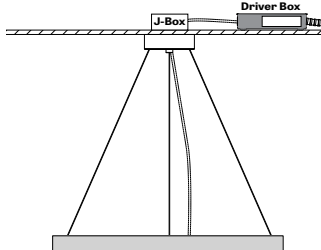
RDB - REMOTE DRIVER BOX

RDB - Remote Driver Box - driver is in a 26"x4"x5.5" enclosure with brackets for mounting to ceiling joists, runners, or other supporting members. The 5 1/2" diameter x 1 5/8" deep wiring compartment canopy conceals and supports suspension and power cables. It is available in standard finishes (see ordering code). It can be installed in drywall or grid ceilings. Note: Support hardware is not supplied.

SC - SINGLE CANOPY



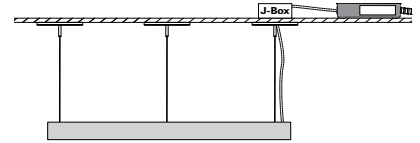
Shown with POC option. Also available with AC.



MC - MULTIPLE CANOPIES



Shown with POC option. Also available with AC.



The multiple canopy option, available with Remote Driver Box only, allows the fixture to be installed closer to the ceiling compared to the single canopy option. Three canopies are provided for Rim 24", and four canopies are provided for Rim 36" and Rim 48".

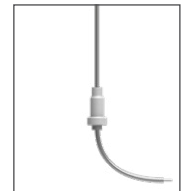
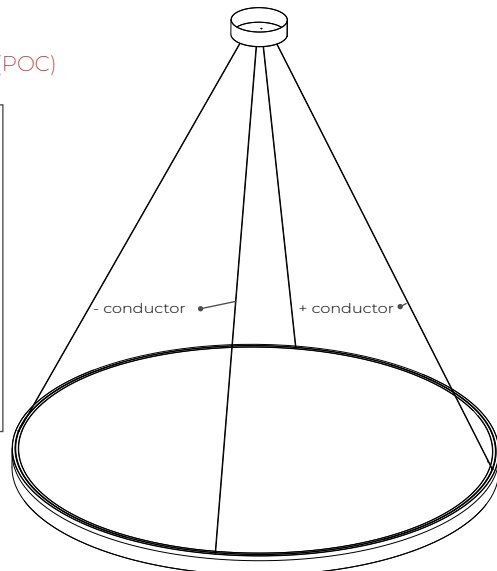
INTEGRATED SUSPENSION AND POWER-OVER-AIRCRAFT CABLE (POC)

The integrated suspension and power-over-aircraft cable option provides an elegant mounting option without the familiar jacketed power cord.

Current from the driver to the LED arrays flows through seven-strand galvanized copper conductors. A dielectric polymer coating insulates the cable, which is supported by insulated holders at the ceiling and luminaire mounting plate. Our standard integrated power-over-aircraft cable supports all dimming and control protocols available through the driver options without additional conductors.



Seven-strand galvanized copper conductors. Cable diameter - 0.06" (1.55mm)



Color coded terminal block for ease of connection

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ACOUSTIC CALCULATOR

Using the Lumenwerx Acoustix Value Calculator table, you can determine the number of acoustic luminaires required in a space by fixture type. We have three levels of recommended sound reduction: good, better, and best. Choosing one of these options will reduce the sound accordingly. The best option indicates the best acoustic improvement. Calculations are based on a standard ceiling height of 9 feet.



① Calculate the square feet of your room (L x W).

② Choose the level of acoustical improvement you are looking for, and find the corresponding value based on your room dimension and luminaire configuration.

% in reduction in reverberation time		
😊	GOOD	25%
😊😊	BETTER	40%
😊😊😊	BEST	50%

SIZE	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
	GOOD 😊	BETTER 😊😊	BEST 😊😊😊	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
24"	18	9	6	28	14	9
36"	42	20	14	65	32	22
48"	75	38	25	120	59	41

③ Use the Lumenwerx Acoustix Value Formula to determine the number of luminaires needed in the room.

$$\text{Square feet} \div \text{Value} = \text{Number of luminaires}$$

Example:

Luminaires: Rim Verso Acoustix, 48" diameter
Room square feet: L: 20 ft x W: 18 ft = 360 sq ft
Desired acoustical improvement: Better = 59
Number of luminaires needed in the room: 360 ÷ 59 = **7 luminaires**

NOTES:

- You can mix lit and blank fixtures.
- Lumenwerx acoustic calculators were developed to act as a guide. For precise acoustic performance in a space, please consult an acoustician.

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Technical Specifications

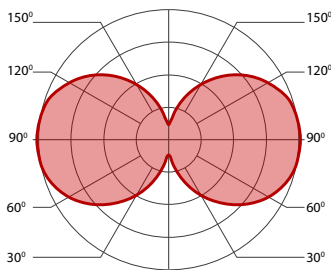
OPTICS

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 - LED

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), Lutron 5-Series (5% Ecosystem), and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

WEIGHT

Rim Verso Acoustix 24 - 6.17lbs - 2.80kg
Rim Verso Acoustix 36 - 9.25lbs - 4.20kg
Rim Verso Acoustix 48 - 12.34lbs - 5.60kg

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

FINISH

Interior - 95% reflective, matte white powder coating

Exterior - matte white, matte black or aluminum powder coating.
Custom finishes are also available.

ACOUSTIC FINISH

Material is 100% polyester containing up to 50% of recycled plastic bottles (PET) with an ASTM E-84 Class A fire rating and is moisture resistant.

CARE

Remove dust and debris with a clean, dry, soft, lint-free cloth, or vacuum.

ENVIRONMENT

Ambient temperature at fixture location shall not exceed 30°C/86°F. For indoor use only.

CERTIFICATIONS

ETL - Rated for Indoor Dry/Damp locations.

Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

Lumewerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumewerx 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.

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WELL for Light - The WELL building standard focuses on light quality in several features. There are three categories that are fully attributed to the construction and features of a luminaire. In WELL V1, it's Feature 54 Circadian Lighting, Feature 55 Glare Control, and Feature 58 Color Quality. In WELL V2, it's Feature L03 Circadian Lighting, Feature L04 Glare Control, and Feature L07 Electric Light Quality.

This fixture meets Features:

- Feature 58 or L07 when 90CRI is selected

All LED drivers used at Lumenwerx are deemed to have a low risk level of flicker, of 5 % or less below 90Hz operational as defined by IEEE standard 1789-2015 LED.



WELL for Sound - This luminaire is recommended for use as an acoustical absorption surface to limit reverberation times (RT) in a given space. This luminaire contributes to noise reduction and vibration dampening to promote focus and concentration. Reverberation needs to be calculated in each space based on the materials used.



WELL for Mind - This luminaire meets WELL for mind as it is a human centric luminaire offering quality light, excellent color, smooth optics, and a sound diminishing element. If any of these features are incorporated in a luminaire, it can improve the ability to focus, concentrate, and persist longer on a given task. This fixture harmoniously operates in a space to assist the mind.

For more information please contact well@lumenwerx.com.