

RIM OVAL

PENDANT
STATIC WHITE



Project: _____

Type: _____



DESCRIPTION

Available in eight standard sizes, from 24" x 72" to 48" x 144", Rim Oval fixtures are decorative with a sleek profile suitable in any interior environment, especially when combined with general lighting, wall wash, and/or perimeter effects. Rim Oval is equipped with LED arrays illuminating inward from its oval housing. Rim Oval nominal light output ranges from 4600 to 18200 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 ⁵	CRI
RIMOP		ULO	SW	90CRI
RIMOP - Rim Oval Pendant	24INX72IN - 24" diameter x 72" length 24INX96IN - 24" diameter x 96" length 24INX144IN - 24" diameter x 144" length 36INX72IN - 36" diameter x 72" length 36INX96IN - 36" diameter x 96" length 36INX144IN - 36" diameter x 144" length 48INX96IN - 48" diameter x 96" length 48INX144IN - 48" diameter x 144" length ¹ Other sizes available; shipped in separate pieces. Consult factory.	ULO - Uniform Lambertian Optic	SW - Static white ⁵ Chromawerx SOLA, DUO, and QUADRO also available. Consult factory.	90CRI - 90 CRI

LUMEN PACKAGE	COLOR TEMP.	VOLTAGE	REMOTE DRIVER ⁷	ELECTRICAL ⁹
				1C
24" x 72" 24" x 96" 24" x 144" 36" x 72" 36" x 96" 36" x 144" 48" x 96" 48" x 144"	Low 4600LM 5900LM 8500LM 5000LM 6300LM 8900LM 9300LM Medium 6200LM 8800LM 12600LM 7400LM 9300LM 13200LM 9900LM 13700LM High 9100LM 11600LM 16700LM 9800LM 12400LM 17400LM 13100LM 18200LM	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 120V - 120V 277V - 277V UNV - 120V-277V 347V ⁶ -347V ⁶ Available with D1 driver only.	D1 - 1% 0-10V DA ⁸ - DALI LDEI ⁸ - Lutron Hi-Lume 1% Eco ELDI - eldoLED 1% ECOdrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V ⁷ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁸ On-site commissioning is required.	1C - 1 circuit ⁹ For other circuit configurations, consult factory.

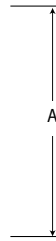
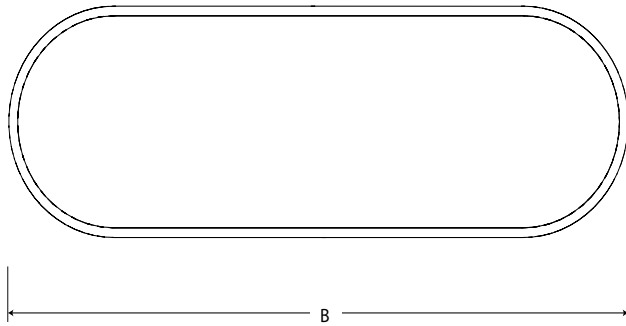
MOUNTING				FINISH	
			MC		
DRIVER BOX ¹⁰ RCD ¹¹ - Round canopy driver box RDB ¹² - Remote driver box ¹⁰ For more information see page 3. ¹¹ Not available with 347V. ¹² Multiple remote driver boxes may be necessary for lumen packages higher than 10000 lm.	CANOPY FINISH W - Matte white AL - Aluminum B - Matte 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 MC ^{13,14} - Multiple canopies ¹³ 4 canopies provided 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.	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 - Matte white AL - Aluminum B - Matte black CF - Custom finish, specify RAL#

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

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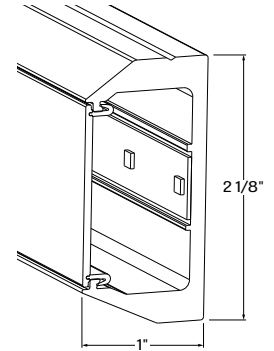
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Dimensions



	A diameter	B length
24" x 72"	24 5/8"	72 5/8"
24" x 96"	24 5/8"	96 5/8"
24" x 144"	24 5/8"	144 5/8"
36" x 72"	36 5/8"	72 5/8"
36" x 96"	36 5/8"	96 5/8"
36" x 144"	36 5/8"	144 5/8"
48" x 96"	48 5/8"	96 5/8"
48" x 144"	48 5/8"	144 5/8"

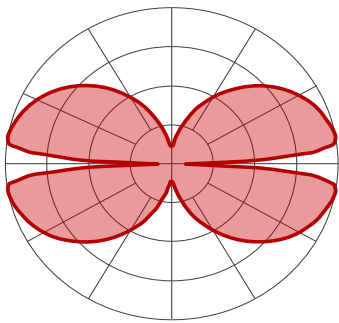
SECTION VIEW



RIMOP - Rim Oval Pendant

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Photometrics



Delivered lumens at 40K at 90 CRI

24" x 72"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	51.1	4600	90
Medium	71.2	6200	87
High	108.3	9100	84

24" x 96"

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

24" x 144"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	94.4	8500	90
Medium	144.8	12600	87
High	198.8	16700	84

36" x 72"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	55.6	5000	90
Medium	85	7400	87
High	116.7	9800	84

36" x 96"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	70	6300	90
Medium	106.9	9300	87
High	147.6	12400	84

36" x 144"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	98.9	8900	90
Medium	151.7	13200	87
High	207.1	17400	84

48" x 96"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	74.4	6700	90
Medium	113.8	9900	87
High	156	13100	84

48" x 144"

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	103.3	9300	90
Medium	157.5	13700	87
High	216.7	18200	84

Multiplier @ 90 CRI

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

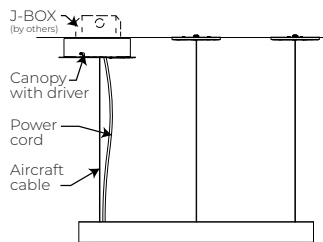
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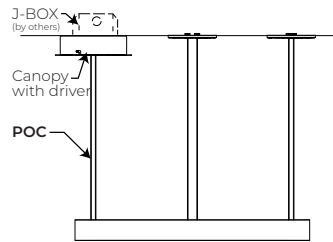
Mounting Options

RCD - ROUND CANOPY DRIVER BOX

MC - MULTIPLE CANOPY



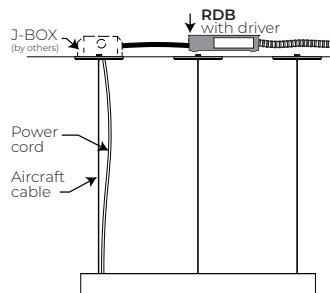
AC - Aircraft cable



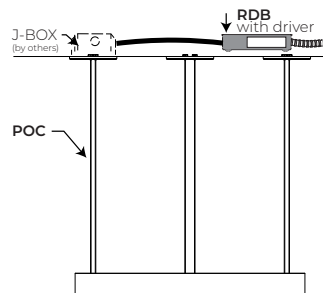
POC - Power-over-aircraft cable

RDB - REMOTE DRIVER BOX

MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

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Technical Specifications

OPTIC

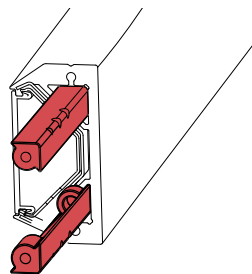
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution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

24" x 72" - 11.4lbs - 5.1kg
24" x 96" - 14.6lbs - 6.6kg
24" x 144" - 21lbs - 9.5kg
36" x 72" - 12.3lbs - 5.5kg
36" x 96" - 15lbs - 6.8kg
36" x 144" - 21.9lbs - 9.9kg
48" x 96" - 16.4lbs - 7.4kg
48" x 144" - 22.8lbs - 10.3kg

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.