

RIM OVAL

PENDANT
STATIC WHITE



Project: _____
Type: _____



DESCRIPTION

Available in eight standard sizes, from 2' x 6' to 4' x 12', 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 ² | CRI | LUMEN PACKAGE (lm) | | | | COLOR TEMP. | VOLTAGE |
|---------------------------------|---------------------------------------|---------------------------------------|---|-------------------|--------------------|-------------|--------------|--------------|-------------------|--------------------------------|
| RIMOP | | ULO | SW | 90 | | | | | | |
| RIMOP - Rim Oval Pendant | 26 - 2' diameter x 6' length | ULO - Uniform Lambertian Optic | SW - Static white ² Chromawerx Sola, Duo and Quadro also available. Consult factory. | 90 - 90CRI | | Low | Medium | High | 27 - 2700K | 120 - 120V |
| | 28 - 2' diameter x 8' length | | | | 26 | 4600 | 6200 | 9100 | 30 - 3000K | 277 - 277V |
| | 212 - 2' diameter x 12' length | | | | 28 | 5900 | 8800 | 11600 | 35 - 3500K | UNV - 120V-277V |
| | 36 - 3' diameter x 6' length | | | | 212 | 8500 | 12600 | 16700 | 40 - 4000K | 347 ³ - 347V |
| | 38 - 3' diameter x 8' length | | | | 36 | 5000 | 7400 | 9800 | | |
| | 312 - 3' diameter x 12' length | | | | 38 | 6300 | 9300 | 12400 | | |
| | 48 - 4' diameter x 8' length | | | | 312 | 8900 | 13200 | 17400 | | |
| | 412 - 4' diameter x 12' length | | | | 48 | 6700 | 9900 | 13100 | | |
| | | | | | 412 | 9300 | 13700 | 18200 | | |
| | | | | | | | | | | |

¹Other sizes available; shipped in separate pieces. Consult factory.

³Available with DI driver only.

| REMOTE DRIVER ⁴ | ELECTRICAL ⁶ | MOUNTING | | | | | FINISH |
|---|--|---|---|--|--|--|---|
| | 1C | | | | MC | | |
| 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 RCD ⁸ - Round canopy driver box RDB ⁹ - Remote driver box ⁷ For more information see page 3. ⁸ Not available with 347V. ⁹ 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# | POWER POC - Integrated suspension power-over-aircraft cable BAC - Black power cord + aircraft cable WAC - White power cord + aircraft cable | MOUNTING POINTS MC ^{10, 11} - Multiple canopies ¹⁰ 4 canopies provided ¹¹ 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 - White AL - Aluminum B - Black CF - Custom finish, specify RAL# |
| See website for the Pendant Mounting Guide | | | | | | | |

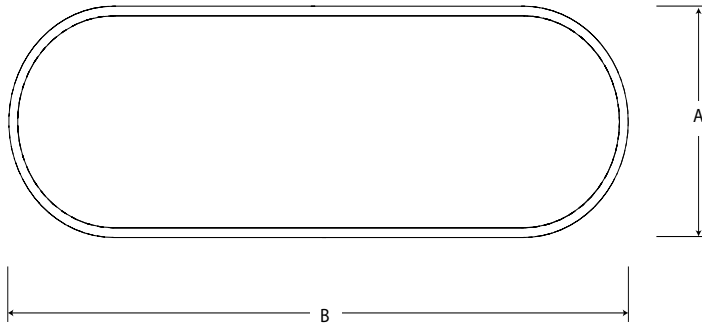
[See website for the Pendant Mounting Guide](#)

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LUMENWERX

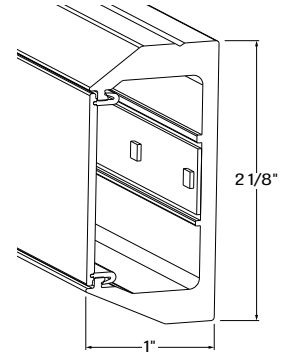
Dimensions



RIMOP - Rim Oval Pendant

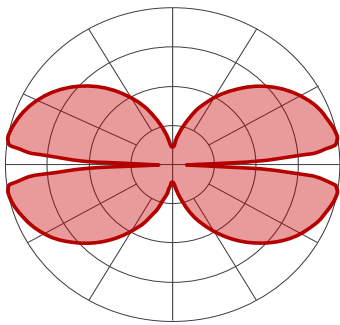
| | A diameter | B length |
|-----|---------------|-------------|
| 26 | 24 5/8" | 72 5/8" |
| 28 | 24 5/8" | 96 5/8" |
| 212 | 24 5/8" | 144 5/8" |
| 36 | 36 5/8" | 72 5/8" |
| 38 | 36 5/8" | 96 5/8" |
| 312 | 36 5/8" | 144 5/8" |
| 48 | 48 5/8" | 96 5/8" |
| 412 | 48 5/8" | 144 5/8" |

SECTION VIEW



RIMOP - Rim Oval Pendant

Photometrics



Delivered lumens at 40K at 90 CRI

26 - 2' x 6'

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

212 - 2' x 12'

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

38 - 3' x 8'

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

48 - 4' x 8'

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

28 - 2' x 8'

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

36 - 3' x 6'

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

312 - 3' x 12'

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

412 - 4' x 12'

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

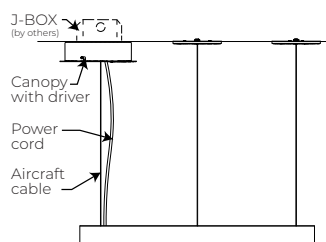
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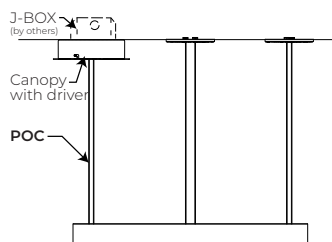
Mounting Options

RCD - ROUND CANOPY DRIVER BOX

MC - MULTIPLE CANOPY



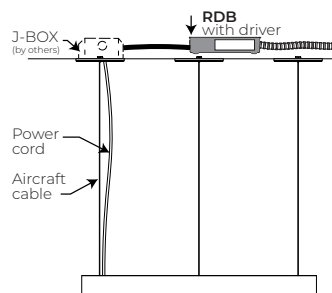
AC - Aircraft cable



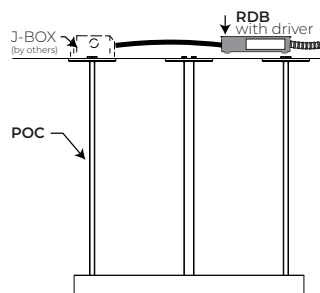
POC - Power-over-aircraft cable

RDB - REMOTE DRIVER BOX

MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

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Technical Specifications

OPTIC

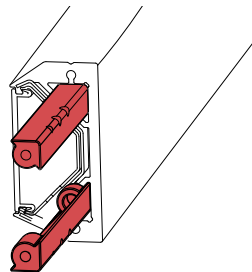
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution 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% (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 Oval 26 - 11.4lbs - 5.1kg

Rim Oval 28 - 14.6lbs - 6.6kg

Rim Oval 212 - 21lbs - 9.5kg

Rim Oval 36 - 12.3lbs - 5.5kg

Rim Oval 38 - 15lbs - 6.8kg

Rim Oval 312 - 21.9lbs - 9.9kg

Rim Oval 48 - 16.4lbs - 7.4kg

Rim Oval 412 - 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.