

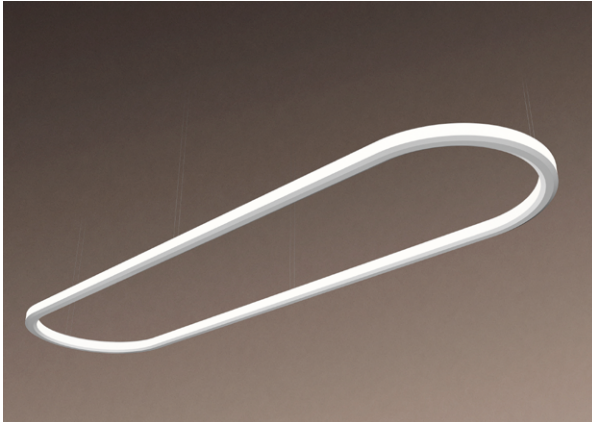
ELIA OVAL

PENDANT
STATIC WHITE

LUMENWERX

Project: _____

Type: _____



DESCRIPTION

Available in eight standard sizes, from 2' x 6' to 4' x 12', Elia Oval fixtures are decorative with a sleek profile suitable in any interior environment. Elia Oval is equipped with LED arrays illuminating inward and outward from its oval housing. It is also available with Chromawerx Sola, Duo, and Quadro.



Order Guide

LUMINAIRE ID	SIZE	OPTIC	LIGHT SOURCE ¹	CRI	LUMEN PACKAGE (lm)			COLOR TEMP.	VOLTAGE	
ELIOP		ULO	SW	90						
ELIOP - Elia Oval Pendant	2FTX6FT - Ø 2' x 6' length 2FTX8FT - Ø 2' x 8' length 2FTX12FT - Ø 2' x 12' length 3FTX6FT - Ø 3' x 6' length 3FTX8FT - Ø 3' x 8' length 3FTX12FT - Ø 3' x 12' length 4FTX8FT - Ø 4' x 8' length 4FTX12FT - Ø 4' x 12' length	ULO - Uniform Lambertian Optic	SW - Static white ¹ Chromawerx Sola, Duo and Quadro also available. Consult factory for details.	90 - 90CRI	2' X 6' 2' X 8' 2' X 12' 3' X 6' 3' X 8' 3' X 12' 4' X 8' 4' X 12'	Low 6200 8800 12600 7400 9300 13200 9900 13700	Medium 9100 11600 16700 9800 12400 17400 13100 18200	High 11400 14500 20900 12250 15500 21750 16400 22750	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	120 - 120V 277 - 277V UNV - 120V-277V 347 ² -347V ² Available with DI RDB only.

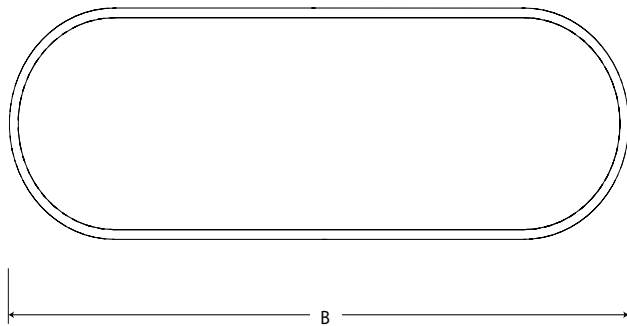
DRIVER ³	ELECTRICAL ⁵	MOUNTING				FINISH	
	1C				MC		
DI - 1% 0-10V DA ⁴ - DALI LDE1 ⁴ - Lutron Hi-Lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V ³ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁴ On-site commissioning is required.	1C - 1 circuit ⁵ For other circuit configurations, consult factory.	DRIVER BOX ⁶ RCD ⁷ - Round canopy driver box RDB ⁸ - Remote driver box ⁶ For more information see page 3. ⁷ Not available with 347V. ⁸ 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 ^{9,10} - Multiple canopies ⁹ 4 canopies provided ¹⁰ With the RCD options, 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							

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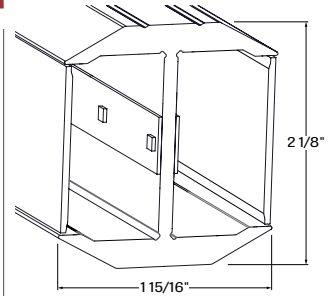
LUMENWERX

Dimensions



	A diameter	B length
2' X 6'	26 1/2"	74 1/2"
2' X 8'	26 1/2"	98 1/2"
2' X 12'	26 1/2"	146 1/2"
3' X 6'	38 1/2"	74 1/2"
3' X 8'	38 1/2"	98 1/2"
3' X 12'	38 1/2"	146 1/2"
4' X 8'	50 1/2"	98 1/2"
4' X 12'	50 1/2"	146 1/2"

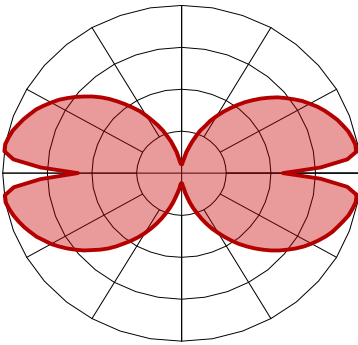
SECTION VIEW



ELIOP - Elia Oval Pendant

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Photometrics



Delivered lumens at 40K at 90 CRI

2' X 6'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	71.2	6200	87
Medium	108.3	9100	84
High	140.6	11400	81

2' X 8'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	101.1	8800	87
Medium	138	11600	84
High	179	14500	81

2' X 12'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	144.8	12600	87
Medium	198.8	16700	84
High	258	20900	81

3' X 6'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	85	7400	87
Medium	116.7	9800	84
High	151.2	12250	81

3' X 8'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	106.9	9300	87
Medium	147.6	12400	84
High	191.4	15500	81

3' X 12'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	151.7	13200	87
Medium	207.1	17400	84
High	268.4	21750	81

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

4' X 8'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	113.8	9900	87
Medium	156	13100	84
High	202.5	16400	81

4' X 12'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	157.5	13700	87
Medium	216.7	18200	84
High	280.9	22750	81

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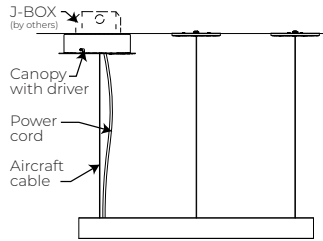
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Mounting Options

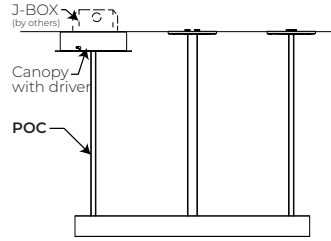
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RCD - ROUND CANOPY DRIVER BOX

MC - MULTIPLE CANOPY



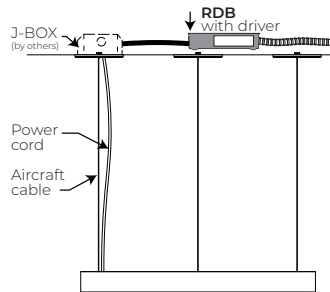
AC - Aircraft cable



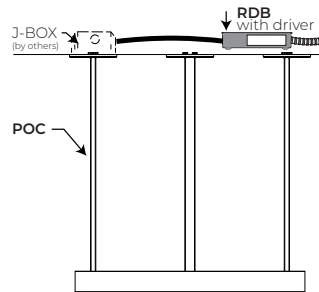
POC - Power-over-aircraft cable

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% inward and 50% outward 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), 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.

LUMENWERX

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

2' X 6' - 22.8lbs - 10.2kg

2' X 8' - 29.2lbs - 13.2kg

2' X 12' - 42lbs - 19kg

3' X 6' - 24.6lbs - 11kg

3' X 8' - 30lbs - 13.6kg

3' X 12' - 43.8lbs - 19.8kg

4' X 8' - 32.8lbs - 14.8kg

4' X 12' - 45.8lbs - 20.6kg

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

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.