

ELIA RECTANGLE

PENDANT
STATIC WHITE

LUMENWERX

Project: _____

Type: _____



DESCRIPTION

Available in nine standard sizes, from 1' x 4' to 4' x 8', Elia Rectangle fixtures are decorative with a sleek profile suitable in any interior environment. Elia Rectangle is equipped with LED arrays illuminating inward and outward from its rectangular housing. It is also available with Chromawerx Sola, Duo, and Quadro.



Order Guide

LUMINAIRE ID	SIZE Width (ft) x Length (ft)	OPTIC	LIGHT SOURCE ¹	CRI	LUMEN PACKAGE (lm)			COLOR TEMP.	VOLTAGE	
ELIREP		ULO	SW	90						
ELIREP - Elia Rectangle Pendant	1FTX4FT - 1' X 4' 2FTX4FT - 2' X 4' 2FTX6FT - 2' X 6' 2FTX8FT - 2' X 8' 3FTX6FT - 3' X 6' 4FTX8FT - 4' X 8'	ULO - Uniform Lambertian Optic	SW - Static white ¹ Chromawerx Sola, Duo, and Quadro also available. Consult factory for details.	90 - 90CRI		Low	Medium	High	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	120 - 120V 277 - 277V UNV - 120V-277V 347 ² - 347V
					1' X 4'	4800	6400	8000		
					2' X 4'	5800	7600	9500		
					2' X 6'	7700	10200	12750		
					2' X 8'	9600	12700	15900		
					3' X 6'	8600	11500	14400		
					4' X 8'	11500	15300	19100		

² Available with D1 RDB only.

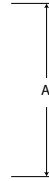
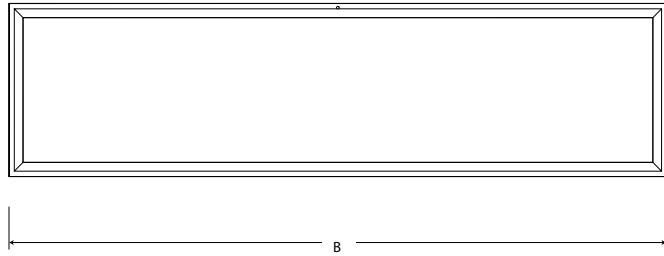
DRIVER ³	ELECTRICAL ⁵	MOUNTING			FINISH		
	1C			MC			
D1 - 1% 0-10V DA ⁴ - DALI LDE1 ⁴ - Lutron Hi-Lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELDO - eldoLEDO.1% SOLOdrive 0-10V ³ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁴ On-site commissioning is required.	1C - 1 circuit ⁵ For other circuit configurations, consult factory.	DRIVER BOX ⁶ SCD ⁷ - Square 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 or more canopies provided. ¹⁰ With the SCD 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							

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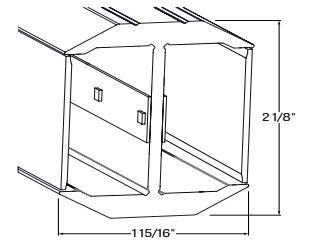
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Dimensions



	A	B
1' X 4'	14 1/2"	50 1/2"
2' X 4'	26 1/2"	50 1/2"
2' X 6'	26 1/2"	74 1/2"
2' X 8'	26 1/2"	98 1/2"
3' X 6'	38 1/2"	74 1/2"
4' X 8'	50 1/2"	98 1/2"

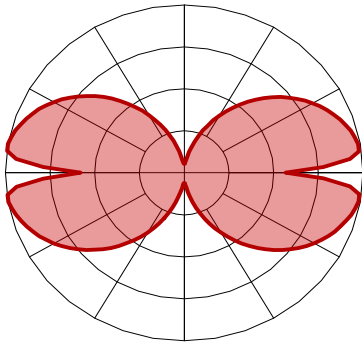
SECTION VIEW



ELIREP - Elia Rectangle Pendant

ELIREP - Elia Rectangle Pendant

Photometrics



Delivered lumens at 40K at 90 CRI

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

1' X 4'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	55.2	4800	87
Medium	76.2	6400	84
High	98.8	8000	81

2' X 4'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	66.7	5800	87
Medium	90.5	7600	84
High	117.2	9500	81

2' X 6'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	88.5	7700	87
Medium	121.4	10200	84
High	157.4	12750	81

2' X 8'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	110.3	9600	87
Medium	151.2	12700	84
High	196.3	15900	81

3' X 6'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	98.9	8600	87
Medium	136.9	11500	84
High	177.8	14400	81

4' X 8'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	132.2	11500	87
Medium	182.1	15300	84
High	235.8	19100	81

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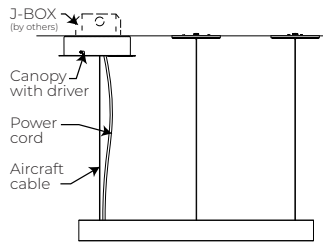
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Mounting Options

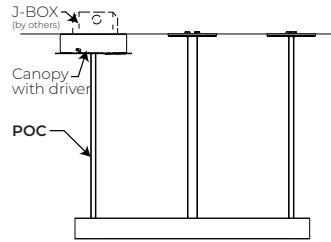
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SCD - SQUARE CANOPY DRIVER BOX

MC - MULTIPLE CANOPY



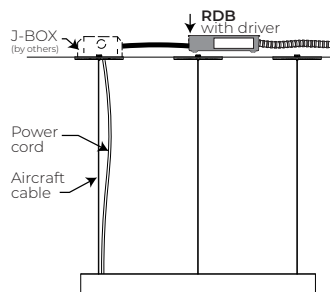
AC - Aircraft cable



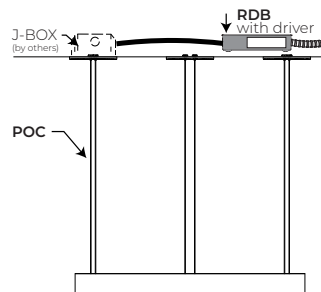
POC - Power-over-aircraft cable

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

1' X 4' - 16lbs - 7.2kg

2' X 4' - 19.2lbs - 8.6kg

2' X 6' - 25.6lbs - 11.6kg

2' X 8' - 32lbs - 14.4kg

3' X 6' - 28.8lbs - 13kg

4' X 8' - 38.4lbs - 17.4kg

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.