

RIM RECTANGLE

PENDANT
STATIC WHITE



Project: _____

Type: _____



DESCRIPTION

Available in nine standard sizes, from 1' x 4' to 8' x 12', Rim Rectangle 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 Rectangle is equipped with LED arrays illuminating inward from its rectangular housing. Rim Rectangle nominal light output ranges from 3300 to 25500 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 Width (ft) x Length (ft)	OPTIC	LIGHT SOURCE ³	CRI	LUMEN PACKAGE (lm)				COLOR TEMP.	VOLTAGE
RIMREP		ULO	SW	90						
RIMREP - Rim Rectangle Pendant	14 - 1' x 4' 24 - 2' x 4' 26 - 2' x 6' 28 - 2' x 8' 36 - 3' x 6' 48 - 4' x 8' 412 - 4' x 12' 612 - 6' x 12' 812 ² - 8' x 12'	ULO - Uniform Lambertian Optic	SW - Static white ³ Chromawerx Sola, Duo, and Quadro also available. Consult factory.	90 - 90CRI	14	Low 3300	Medium 4800	High 6400	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	120 - 120V 277 - 277V UNV - 120V-277V 347 ⁴ - 347V
	¹ Other sizes available; shipped in separate pieces. Consult factory. ² Shipped in separate pieces.				24	3900	5800	7600		
					26	5200	7700	10200		
					28	6500	9600	12700		
					36	5800	8600	11500		
					48	7800	11500	15300		
					412	10400	15400	20400		
					612	11700	17300	22900		
					812	13000	19200	25500		

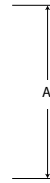
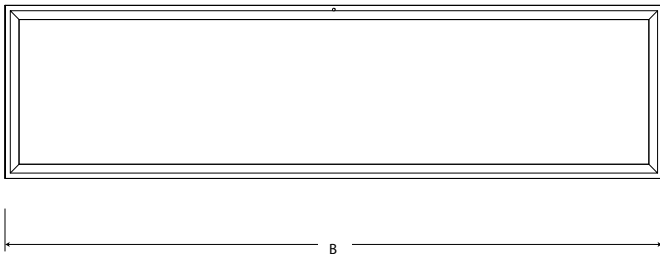
REMOTE DRIVER ⁵	ELECTRICAL ⁷	MOUNTING				FINISH	
	1C				MC		
D1 - 1% 0-10V DA ⁶ - DALI LTEA2W - Lutron 1% - 2 wire FP 120V LDEI ⁶ - Lutron Hi-Lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V ⁵ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁶ On-site commissioning is required.	1C - 1 circuit ⁷ For other circuit configurations, consult factory.	DRIVER BOX ⁸ SCD ⁹ - Square canopy driver box RDB ¹⁰ - Remote driver box ⁸ For more information see page 3. ⁹ Not available with 347V. ¹⁰ 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 ^{11,12} - Multiple canopies ¹¹ 4 or more canopies provided. ¹² 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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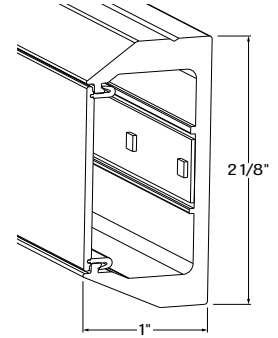
LUMENWERX

Dimensions



	A	B
14	12 9/16"	48 5/8"
24	24 5/8"	48 5/8"
26	24 5/8"	72 9/16"
28	24 5/8"	96 5/8"
36	36 5/8"	72 5/8"
48	48 5/8"	96 5/8"
412	48 9/16"	144 5/8"
812	96 5/8"	144 5/8"

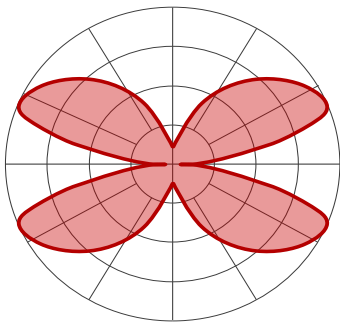
SECTION VIEW



RIMREP - Rim Rectangle Pendant

RIMREP - Rim 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

14 - 1' X 4'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	36.7	3300	90
Medium	55.2	4800	87
High	76.2	6400	84

24 - 2' X 4'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	43.3	3900	90
Medium	66.7	5800	87
High	90.5	7600	84

26 - 2' X 6'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	57.8	5200	90
Medium	88.5	7700	87
High	121.4	10200	84

28 - 2' X 8'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	72.2	6500	90
Medium	110.3	9600	87
High	151.2	12700	84

36 - 3' X 6'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	64.4	5800	90
Medium	98.9	8600	87
High	136.9	11500	84

48 - 4' X 8'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	86.7	7800	90
Medium	132.2	11500	87
High	182.1	15300	84

412 - 4' X 12'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	115.6	10400	90
Medium	177	15400	87
High	242.9	20400	84

612 - 6' X 12'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	130	11700	90
Medium	198.9	17300	87
High	272.6	22900	84

812 - 8' X 12'

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	144.4	13000	90
Medium	220.7	19200	87
High	303.6	25500	84

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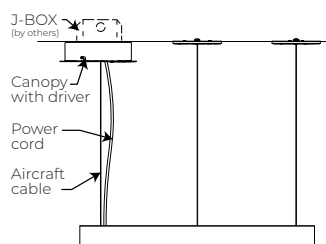
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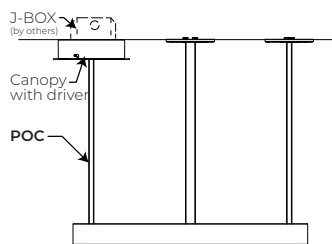
Mounting Options

SCD - SQUARE CANOPY DRIVER BOX

MC - MULTIPLE CANOPY



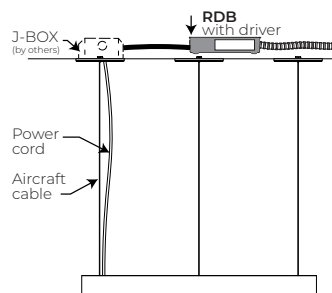
AC - Aircraft cable



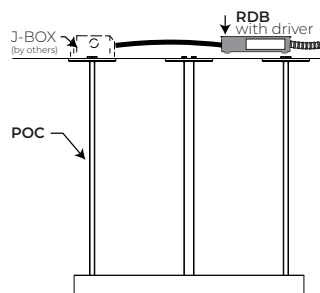
POC - Power-over-aircraft cable

RDB - REMOTE DRIVER BOX

MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

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Technical Specifications

OPTIC

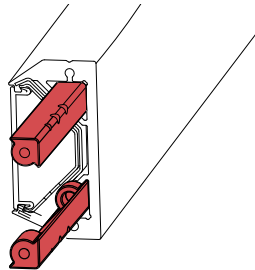
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution 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 Rectangle 14 - 8lbs - 3.6kg

Rim Rectangle 24 - 9.6lbs - 4.3kg

Rim Rectangle 26 - 12.8lbs - 5.8kg

Rim Rectangle 28 - 16lbs - 7.2kg

Rim Rectangle 36 - 14.4lbs - 6.5kg

Rim Rectangle 48 - 19.2lbs - 8.7kg

Rim Rectangle 412 - 25.6lbs - 11.6kg

Rim Rectangle 612 - 28.8lbs - 13kg

Rim Rectangle 812 - 32lbs - 14.5kg

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.