

RIM RECTANGLE

PENDANT
STATIC WHITE



Project: _____

Type: _____



DESCRIPTION

Available in nine standard sizes, from 12" x 48" to 96" x 144", 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	OPTIC	LIGHT SOURCE ³	CRI	LUMEN PACKAGE				COLOR TEMP.	VOLTAGE
RIMREP		ULO	SW	90CRI						
RIMREP - Rim Rectangle Pendant	12INX48IN - 12" x 48"	ULO - Uniform Lambertian Optic	SW - Static white ³ Chromawerx SOLA, DUO, and QUADRO also available. Consult factory.	90CRI - 90 CRI	12" x 48"	Low 3300LM	Medium 4800LM	High 6400LM	27K - 2700K	120V - 120V
	24INX48IN - 24" x 48"				24" x 48"	3900LM	5800LM	7600LM	30K - 3000K	277V - 277V
	24INX72IN - 24" x 72"				24" x 72"	5200LM	7700LM	10200LM	35K - 3500K	UNV - 120V-277V
	24INX96IN - 24" x 96"				24" x 96"	6500LM	9600LM	12700LM	40K - 4000K	347V ⁴ -347V
	36INX72IN - 36" x 72"				36" x 72"	5800LM	8600LM	11500LM		⁴ Available with D1 driver only.
	48INX96IN - 48" x 96"				48" x 96"	7800LM	11500LM	15300LM		
	48INX144IN - 48" x 144"				48" x 144"	10400LM	15400LM	20400LM		
	72INX144IN - 72" x 144"				72" x 144"	11700LM	17300LM	22900LM		
	96INX144IN ² - 96" x 144"				96" x 144"	13000LM	19200LM	25500LM		
¹ Other sizes available; shipped in separate pieces. Consult factory.										
² Shipped in separate pieces.										

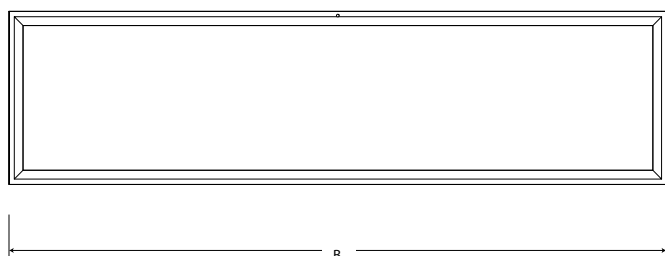
REMOTE DRIVER ⁵	ELECTRICAL ⁷	MOUNTING				FINISH	
	1C				MC		
DI - 1% 0-10V DA ⁶ - DALI LDEI ⁶ - Lutron Hi-Lume 1% Eco ELDI - eldoLED 1% ECODrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V ⁵ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁶ On-site commissioning is required.	1C - 1 circuit 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 - 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 ^{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 - Matte white AL - Aluminum B - Matte black CF - Custom finish, specify RAL#
See website for the Pendant Mounting Guide							

RIM RECTANGLE

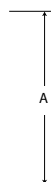
PENDANT
STATIC WHITE



Dimensions

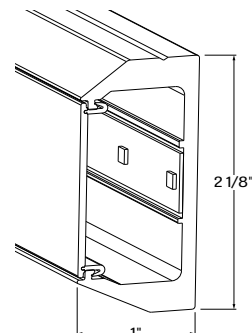


RIMREP - Rim Rectangle Pendant



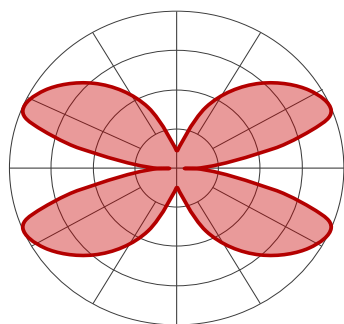
	A	B
12" x 48"	12 9/16"	48 5/8"
24" x 48"	24 5/8"	48 5/8"
24" x 72"	24 5/8"	72 9/16"
24" x 96"	24 5/8"	96 5/8"
36" x 72"	36 5/8"	72 5/8"
48" x 96"	48 5/8"	96 5/8"
48" x 144"	48 9/16"	144 5/8"
72" x 144"	72 5/8"	144 5/8"
96" x 144"	96 5/8"	144 5/8"

SECTION VIEW



RIMREP - Rim Rectangle Pendant

Photometrics



Delivered lumens at 40K at 90 CRI

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

12" x 48"

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

24" x 48"

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

24" x 72"

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

24" x 96"

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

36" x 72"

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

48" x 96"

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

48" x 144"

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

72" x 144"

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

96" x 144"

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

RIM RECTANGLE

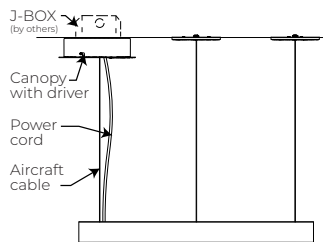
PENDANT
STATIC WHITE



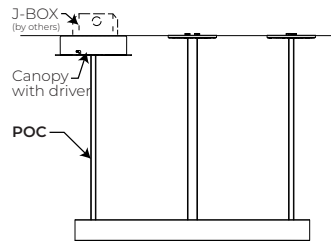
Mounting Options

SCD - SQUARE CANOPY DRIVER BOX

MC - MULTIPLE CANOPY



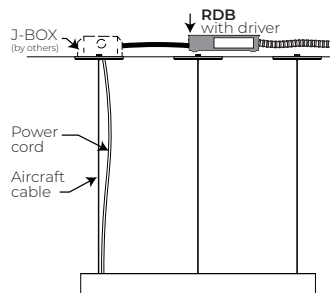
AC - Aircraft cable



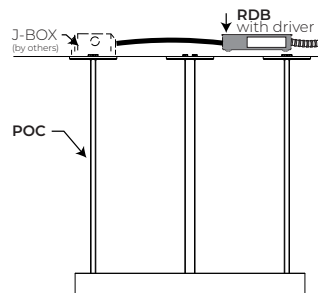
POC - Power-over-aircraft cable

RDB - REMOTE DRIVER BOX

MC - MULTIPLE CANOPY



AC - Aircraft cable



POC - Power-over-aircraft cable

RIM RECTANGLE



PENDANT
STATIC WHITE

Technical Specifications

OPTIC

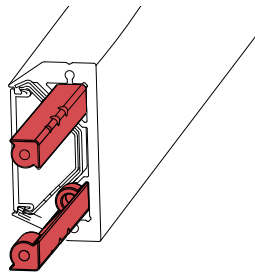
Uniform Lambertian Optic (ULO) - Thermoformed from impact-modified white PMMA, the ULO provides even luminosity, with up to 88% transmission. Combined with the LED array running around the inside of the housing, the open form and ULO create a widespread 50% direct and 50% indirect light distribution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

12" x 48" - 8lbs - 3.6kg

24" x 48" - 9.6lbs - 4.3kg

24" x 72" - 12.8lbs - 5.8kg

24" x 96" - 16lbs - 7.2kg

36" x 72" - 14.4lbs - 6.5kg

48" x 96" - 19.2lbs - 8.7kg

48" x 144" - 25.6lbs - 11.6kg

72" x 144" - 28.8lbs - 13kg

96" x 144" - 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.