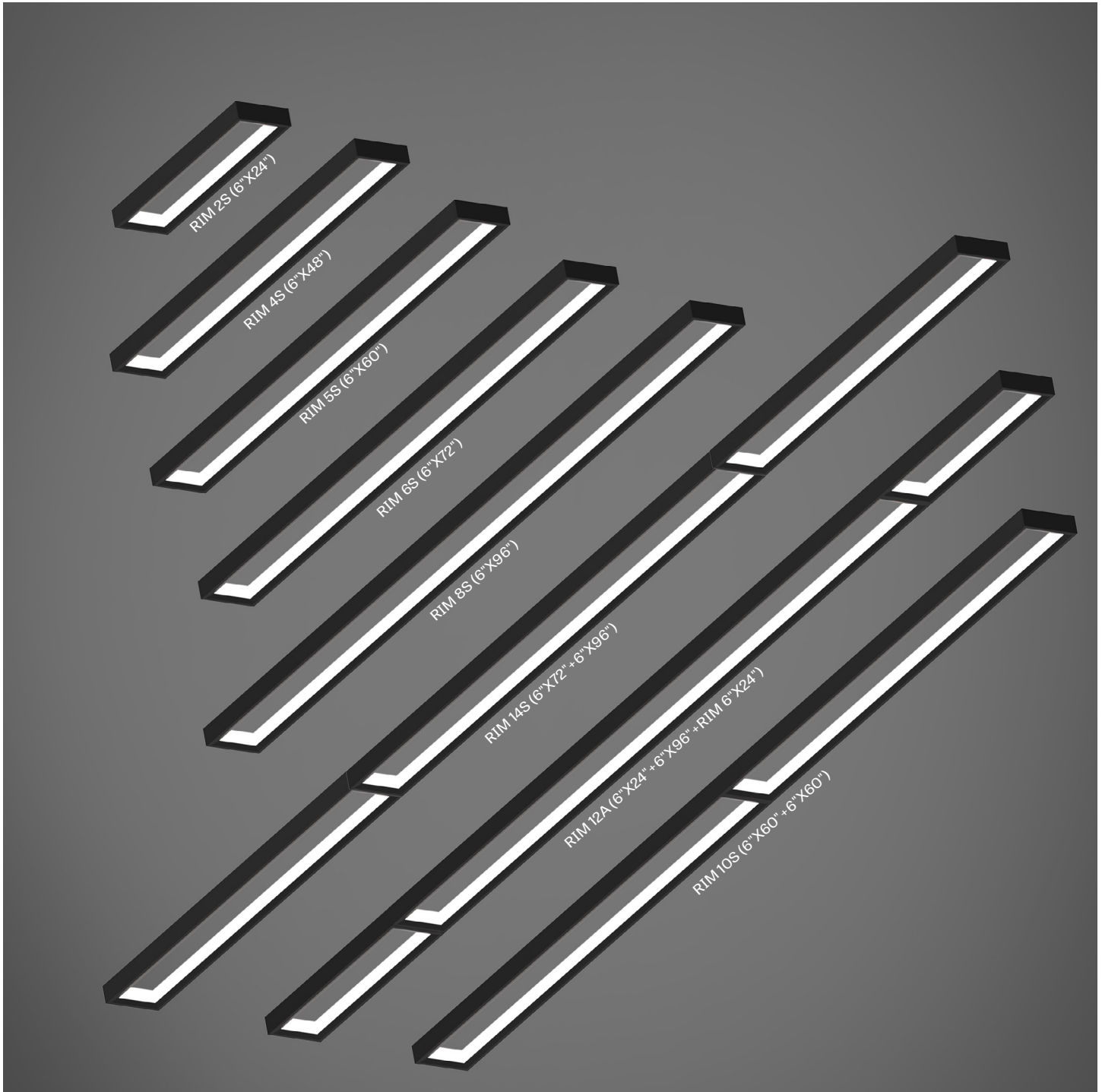


# RIM LINEAR PENDANT

## DESCRIPTION

Rim Linear combines generous ambient illumination with elegant geometry. The 2" high extruded aluminum frame is constructed with welded miter joint into a narrow, twin-rail form that can be connected to create continuous runs and painted in a wide range of standard and custom colors. The driver installs remotely, either above or below the ceiling. Mounting options include aircraft cable, and an ultra-clean integrated power-over-aircraft cable option. Rim Linear is available in five sizes: 6"X24", 6"X48", 6"X60", 6"X72" and 6"X96". Nominal light output ranges from 1600 to 10800 lumens, with efficacy up to 84 lumens per watt.

Rim is also available in Round and Square forms and with Chromawerx Sola, Duo, and Quadro (see separate specification sheets).



# RIM LINEAR PENDANT

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

NOTES: \_\_\_\_\_



## ORDER GUIDE

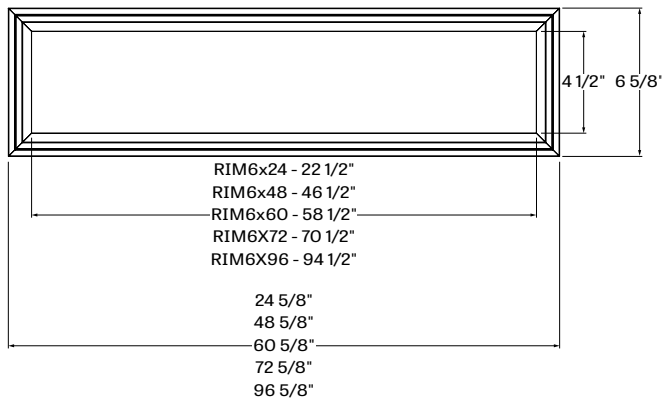
RIMLP	ULO	SW	90		
LUMINAIRE ID	OPTIC	LIGHT SOURCE	CRI	LUMEN PACKAGE	COLOR TEMP.
RIMLP - Rim Linear Pendant	ULO - Uniform Lambertian Optic	SW - Static white	90 - 90CRI	<b>####lm</b> - L1600lm - M2400lm - H3100lm (RIM2S) <b>####lm</b> - L2900lm - M4300lm - H5700lm (RIM4S) <b>####lm</b> - L3500lm - M5200lm - H6900lm (RIM5S) <b>####lm</b> - L4200lm - M6200lm - H8200lm (RIM6S) <b>####lm</b> - L5500lm - M8100lm - H10800lm (RIM8S) <b>L</b> -Low, <b>M</b> -Medium <b>H</b> -High, consult factory for other	<b>27</b> - 2700K <b>30</b> - 3000K <b>35</b> - 3500K <b>40</b> - 4000K

LUMINAIRE LENGTH <sup>1</sup>	CONFIGURATION <sup>3</sup>	VOLTAGE	REMOTE DRIVER	ELECTRICAL
<b>#FT</b> - Standard sections: 2' 4', 5', 6' & 8' <b>#FT</b> <sup>2</sup> - For continuous runs (luminaires over 8'), specify nominal length in feet  <sup>1</sup> For more information see page 5. <sup>2</sup> Minimum standard section 2'.	<b>S</b> - Standard <b>A</b> - Alternative <b>C</b> - Custom (drawing must be submitted)  <sup>3</sup> For more information see page 5.	<b>120</b> - 120V <b>277</b> - 277V <b>UNV</b> - 120V-277V <b>347V</b> <sup>4</sup> - 347V  <sup>4</sup> Available with D1 and RDB only.	<b>D1</b> - 1% 0-10V <b>DA</b> <sup>5</sup> - DALI <b>LTEA2W</b> - Lutron 1% - 2 wire FP 120V <b>LDE1</b> <sup>5</sup> - Lutron Hi-lume 1% Eco <b>LDE5</b> <sup>5</sup> - Lutron 5% EcoSystem  <sup>5</sup> On-site commissioning is required.	<b>1</b> - 1 circuit

DRIVER BOX <sup>6</sup>	CANOPY FINISH	POWER	HEIGHT	FINISH
<b>LCD</b> <sup>7,8</sup> - Linear canopy driver box <b>RDB</b> - Remote driver box  <sup>6</sup> For more information see page 3. <sup>7</sup> LCD is not available for lumen packages over 6000lm (3500lm for Lutron driver options). <sup>8</sup> LCD is not available with 347V.	<b>AL</b> - Aluminum <b>B</b> - Black <b>W</b> - Matte white <b>CF#</b> - Custom finish specify RAL#	<b>POC</b> <sup>9</sup> - Integrated suspension power-over-aircraft cable <b>BAC</b> - Black power cord + aircraft cable <b>WAC</b> - White power cord + aircraft cable  <sup>9</sup> For more information see page 3.	<b>#IN</b> - Distance from the canopy to the fixture in inches	<b>AL</b> - Aluminum <b>B</b> - Black <b>W</b> - Matte white <b>CF#</b> - Custom finish specify RAL#

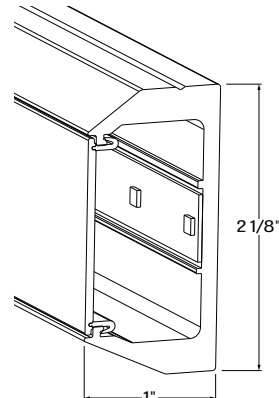
[See website for the Pendant Mounting Guide](#)

## TOP VIEW



RIMLP - Rim Linear Pendant

## 3D CROSS SECTION



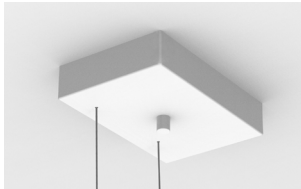
RIMLP - Rim Linear Pendant

# RIM LINEAR PENDANT

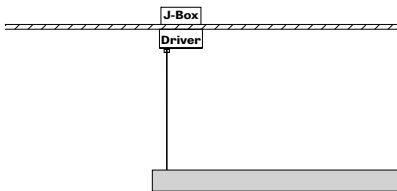
## MOUNTING OPTIONS

### LCD - LINEAR CANOPY DRIVER BOX

LCD - Linear Canopy Driver Box - driver is in a 6 11/16" x 4 1/2" x 2" enclosure that also supports suspension and power cables. Enclosure is available in standard finishes (see ordering code).



Shown with POC option.  
Also available with AC.

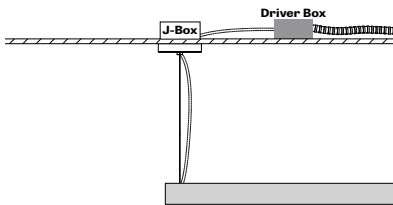


### RDB - REMOTE DRIVER BOX

RDB - Remote Driver Box - driver is in a 20"x4"x2" enclosure with brackets for mounting to ceiling joists, runners, or other supporting members. The 6 1/2" x 4 1/2" x 7/8" wiring compartment canopy conceals and supports suspension and power cables. It is available in standard finishes (see ordering code). It can be installed in drywall or grid ceilings.  
Note: Support hardware is not supplied.



Shown with AC option.  
Also available with POC.



## INTEGRATED SUSPENSION AND POWER-OVER-AIRCRAFT CABLE (POC)

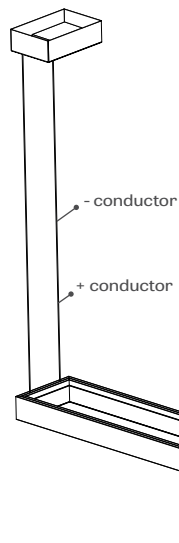
The integrated suspension and power-over-aircraft cable option provides an elegant mounting option without the familiar jacketed power cord.

Current from the driver to the LED arrays flows through seven-strand galvanized copper conductors. A dielectric polymer coating insulates the cable, which is supported by insulated holders at the ceiling and luminaire mounting plate.

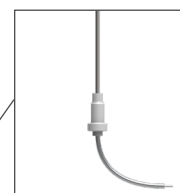
Our standard integrated power-over-aircraft cable supports all dimming and control protocols available through the driver options without additional conductors.



Seven-strand galvanized copper conductors.  
Cable diameter - 0.06" (1.55mm)



Hinged cable holder with concealed feed



Color coded terminal block for ease of connection

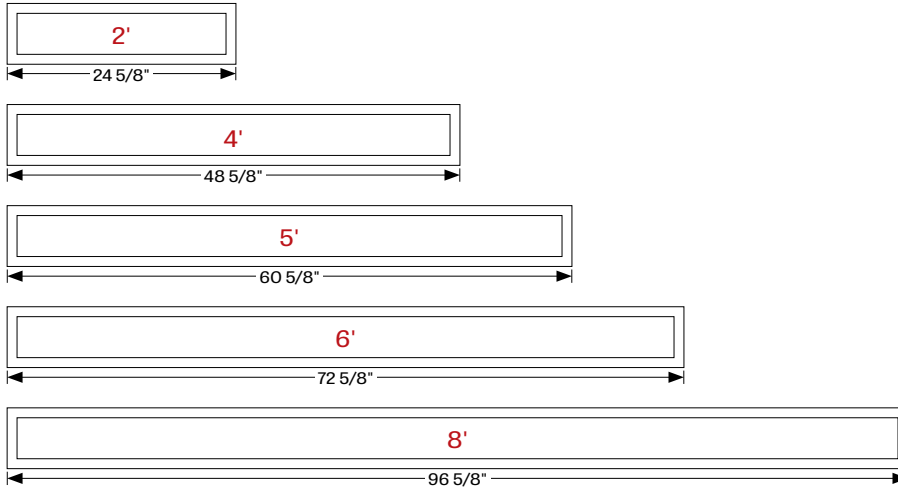
# RIM LINEAR PENDANT

## RIM LINEAR CONFIGURATION

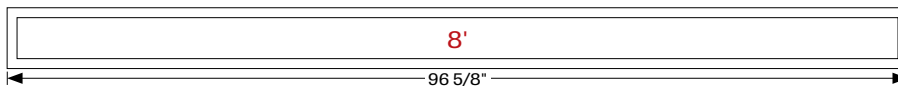
Rim Linear can be installed as a single rectangular luminaire.  
Alternatively, connect the modules to form a distinctive, twin-rail linear luminaire, where each cell is fully illuminated.  
What's more, you can connect modules of different lengths to form a luminaire with a syncopated rhythm! Combined with Power-Over-Cable suspension, Rim Linear offers a fresh approach to ambient lighting in a linear form.

### Examples

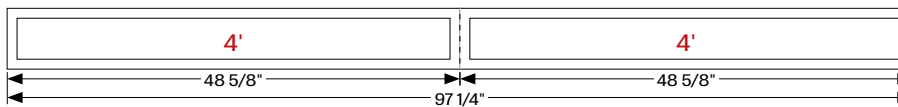
#### Standard sections



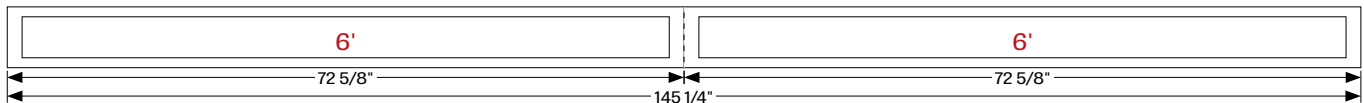
#### Standard Configuration (8S)



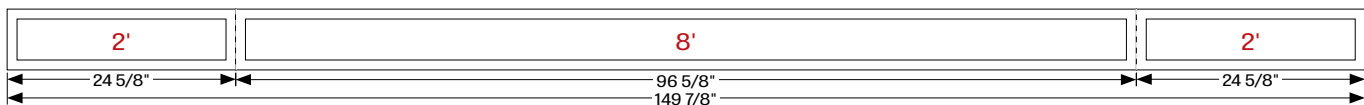
#### Alternative Configuration (8A)



#### Standard Configuration (12S)



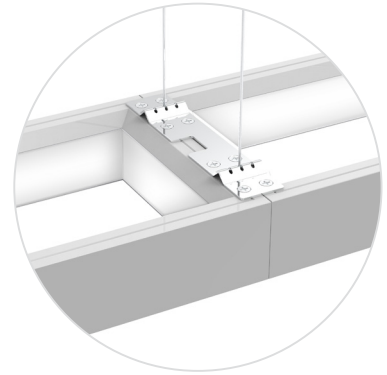
#### Alternative Configuration (12A)



## RIM LINEAR JOINER

Joiner features rigid die-cast construction for precise alignment. Cable suspension on modular spacing makes installation simple and clean.

Note that the location of the mounting points may vary +/- 2 inches.



# RIM LINEAR PENDANT

## Configuration run

Nominal length (ft)	Actual length (ft)	Section configuration	Product Code
2	25 5/8"	2	2S
4	48 5/8"	4	4S
4	49 1/4"	2 + 2	4A
5	60 5/8"	5	5S
6	72 5/8"	6	6S
8	96 5/8"	8	8S
8	97 1/4"	4 + 4	8A
9	109 1/4"	5 + 4	9S
10	121 1/4"	5 + 5	10S
10	126 1/4"	2 + 2 + 2 + 2 + 2	10A
11	133 1/4"	5 + 6	11S
12	145 1/4"	6 + 6	12S
12	149 7/8"	2 + 8 + 2	12A
13	157 7/8"	4 + 5 + 4	13S
14	169 7/8"	4 + 6 + 4	14S
15	181 7/8"	5 + 5 + 5	15S
16	193 1/4"	8 + 8	16S
17	205 7/8"	6 + 5 + 6	17S
18	217 7/8"	6 + 6 + 6	18S
19	230 1/2"	5 + 5 + 5 + 4	19S
20	242 1/2"	5 + 5 + 5 + 5	20S
20	243 1/8"	4 + 4 + 4 + 4 + 4	20A
21	253 7/8"	8 + 5 + 8	21S
22	265 7/8"	8 + 6 + 8	22S
22	267 1/8"	5 + 4 + 4 + 4 + 5	22A
23	279 1/8"	5 + 4 + 5 + 4 + 5	23S
24	289 7/8"	8 + 8 + 8	24S
24	291 3/4"	4 + 4 + 4 + 4 + 4 + 4	24A
25	303 1/8"	5 + 5 + 5 + 5 + 5	25S
26	315 1/8"	5 + 5 + 6 + 5 + 5	26S
27	327 3/4"	5 + 4 + 5 + 4 + 5 + 4	27S
28	339 1/8"	6 + 4 + 8 + 4 + 6	28S
29	351 1/8"	6 + 6 + 5 + 6 + 6	29S
30	363 1/8"	6 + 6 + 6 + 6 + 6	30S
30	363 3/4"	5 + 5 + 5 + 5 + 5 + 5	30A
31	375 1/8"	8 + 5 + 5 + 5 + 8	31A
32	386 1/2"	8 + 8 + 8 + 8	32S
32	389"	4 + 4 + 4 + 4 + 4 + 4 + 4 + 4	32A
33	400 3/8"	5 + 5 + 4 + 5 + 4 + 5 + 5	33S
34	412 3/8"	5 + 5 + 5 + 4 + 5 + 5 + 5	34S
35	424 3/8"	5 + 5 + 5 + 5 + 5 + 5 + 5	35S
36	435 3/4"	6 + 6 + 6 + 6 + 6 + 6	36S
37	448 3/8"	6 + 5 + 5 + 5 + 5 + 5 + 6	37S
38	460 3/8"	6 + 6 + 6 + 2 + 6 + 6 + 6	38S
39	472 3/8"	6 + 5 + 6 + 5 + 6 + 5 + 6	39S
40	483 1/8"	8 + 8 + 8 + 8 + 8	40S
41	496 3/8"	6 + 6 + 6 + 5 + 6 + 6 + 6	41S
42	508 3/8"	6 + 6 + 6 + 6 + 6 + 6 + 6	42S
43	521 5/8"	4 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 4	43S
44	533 5/8"	5 + 5 + 5 + 5 + 4 + 5 + 5 + 5 + 5	44S
45	545 5/8"	5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 5	45S
46	557 5/8"	5 + 5 + 5 + 5 + 6 + 5 + 5 + 5 + 5	46A
47	569 5/8"	6 + 5 + 5 + 5 + 5 + 5 + 5 + 5 + 6	47S
48	579 3/4"	8 + 8 + 8 + 8 + 8 + 8	48S

# RIM LINEAR PENDANT

## OPTIC

**Uniform Lambertian Optic (ULO)** - Thermoformed from impact-modified white PMMA, the ULO optic 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 optic create a widespread 50% direct and 50% direct 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 with 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.

### PERFORMANCE FOR 2S (6"X24")

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	19	1600	84
medium output	4000K	29.5	2400	81
high output	4000K	39	3100	79

### PERFORMANCE FOR 4S (6"X48")

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	34.5	2900	84
medium output	4000K	53	4300	81
high output	4000K	72	5700	79

### PERFORMANCE FOR 5S (6"X60")

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	41.5	3500	84
medium output	4000K	64	5200	81
high output	4000K	87.5	6900	79

### PERFORMANCE FOR 6S (6"X72")

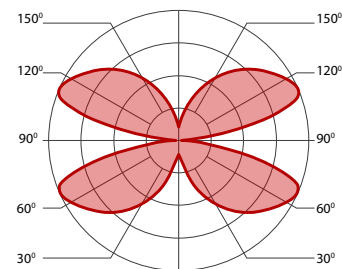
LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	50	4200	84
medium output	4000K	76.5	6200	81
high output	4000K	104	8200	79

### PERFORMANCE FOR 8S (6"X96")

LED output	Color Temp	Watts	Nominal Delivered Lumens	Efficacy LPW
low output	4000K	65.5	5500	84
medium output	4000K	100	8100	81
high output	4000K	136.5	10800	79

## Multiplier @ CRI90

CCT (K)	Watts	LPW
2700	1.09	0.92
3000	1.05	0.95
3500	1.02	0.98
4000	1.00	1.00
5000	0.94	1.07
6500	0.95	1.06



## 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), Lutron 5-Series (5% Ecosystem), and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

## FINISH

**Interior** - 95% reflective, matte white powder coating

**Exterior** - Matte white, matte black or aluminum powder coating.

Custom finishes are also available.

## CONSTRUCTION

**Housing** - Housing and canopy are aluminum extrusion, wide variety of colored powder coating

**Diffuser** - Uniform Lambertian optic, co-extruded flexible polycarbonate satine finished lens

# RIM LINEAR PENDANT

## WEIGHT

**Rim Linear 2S (6"X24")** - 3.8lbs - 1.7kg

**Rim Linear 4S (6"X48")** - 7.4 lbs - 3.4kg

**Rim Linear 5S (6"X60")** - 8.5lbs - 3.8kg

**Rim Linear 6S (6"X72")** - 10lbs - 4.5kg

**Rim Linear 8S (6"X96")** - 13lbs - 5.8kg

## 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.