

RIM TUBE ROUNDED SQUARE

PENDANT
STATIC WHITE



Project: _____
Type: _____



DESCRIPTION

Rim Tube introduces a refined tubular form to the Rim Collection with its minimalist 1.4" diameter. This versatile luminaire delivers bold expression through its clean geometry and striking illumination. Available in multiple shapes, configurations and sizes. Rim Tube maintains the signature sleek and minimalist aesthetic of the Rim family, scaling from simple geometric shapes to sculptural, multidimensional installations.

Order Guide

LUMINAIRE ID	SIZE	CORNER RADIUS	OPTIC	LIGHT SOURCE ¹	CRI
RIMTURDSP		R9	ULO	SW	90CRI
RIMTURDSP - Rim Tube Rounded Square Pendant	24INX24IN - 24" x 24" 36INX36IN - 36" x 36" 48INX48IN - 48" x 48" 60INX60IN - 60" x 60" 72INX72IN - 72" x 72"	R9 - 9" radius	ULO - Uniform Lambertian Optic	SW - Static white ¹ Chromawerx SOLA, DUO, and QUADRO also available. Consult factory.	90CRI - 90+ CRI

LUMEN PACKAGE			COLOR TEMPERATURE	VOLTAGE	REMOTE DRIVER	ELECTRICAL ⁴
						1C
24" x 24" 36" x 36" 48" x 48" 60" x 60" 72" x 72"	Low 2200LM 3500LM 4800LM 6100LM 7400LM	High 3300LM 5200LM 7100LM 9000LM 10900LM	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	120V - 120V 277V - 277V UNV - 120V-277V 347V ² - 347V ² Available with D1 driver only.	D1 - 1% 0-10V DA ³ - DALI LDE1 ³ - Lutron Hi-Lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELDO - eldoLED0.1% SOLOdrive 0-10V ³ On-site commissioning is required.	1C - 1 circuit ⁴ For other circuit configurations, consult factory.

MOUNTING					FINISH											
DRIVER BOX ⁵ SCD ^{6,7} - Square canopy driver box RDB ⁸ - Remote driver box ⁵ For more information see page 3. ⁶ With single canopy option, not available for lumen packages over 6000 lm (3500 lm for Lutron driver options). ⁷ Not available with 347V. ⁸ 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 SC - Single canopy MC ^{9,10} - Multiple canopies ⁹ 4 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 ¹¹ 18IN - 18" 24IN - 24" 36IN - 36" 48IN - 48" 60IN - 60" 72IN - 72" 96IN - 96" 120IN - 120" ##IN - Specify nominal length in inches ¹¹ For single canopy option the minimum required mounting height are (distance from ceiling to top of fixture in inches): <table><tr><th>Fixture size</th><th>Minimum height</th></tr><tr><td>24" x 24"</td><td>15"</td></tr><tr><td>36" x 36"</td><td>22"</td></tr><tr><td>48" x 48"</td><td>29"</td></tr><tr><td>60" x 60"</td><td>36"</td></tr><tr><td>72" x 72"</td><td>43"</td></tr></table>	Fixture size	Minimum height	24" x 24"	15"	36" x 36"	22"	48" x 48"	29"	60" x 60"	36"	72" x 72"	43"
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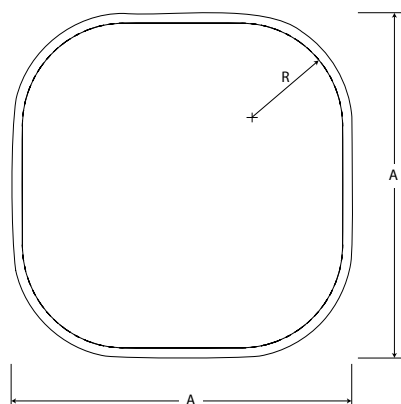
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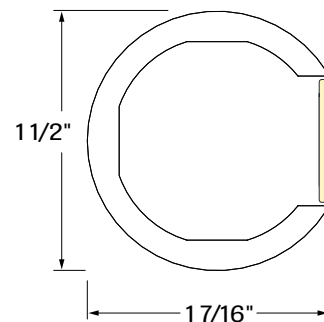


Dimensions

SECTION VIEW

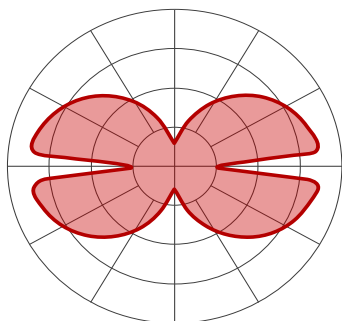


Size	R	A
24" x 24"	9"	26 1/8"
36" x 36"	9"	38 1/8"
48" x 48"	9"	50 1/8"
60" x 60"	9"	62 1/8"
72" x 72"	9"	72 1/8"



Photometrics

Delivered lumens at 4000K at 90+ CRI



24" x 24"

LM	WATTS	LM/W
2200	24.4	90
3300	37.9	87

36" x 36"

LM	WATTS	LM/W
3500	38.9	90
5200	59.8	87

48" x 48"

LM	WATTS	LM/W
4800	53.3	90
7100	81.6	87

60" x 60"

LM	WATTS	LM/W
6100	67.8	90
9000	103.4	87

72" x 72"

LM	WATTS	LM/W
7400	82.2	90
10900	125.3	87

MULTIPLIER TABLE

Use this table to get results for different color temperatures and CRI for all photometric tables.

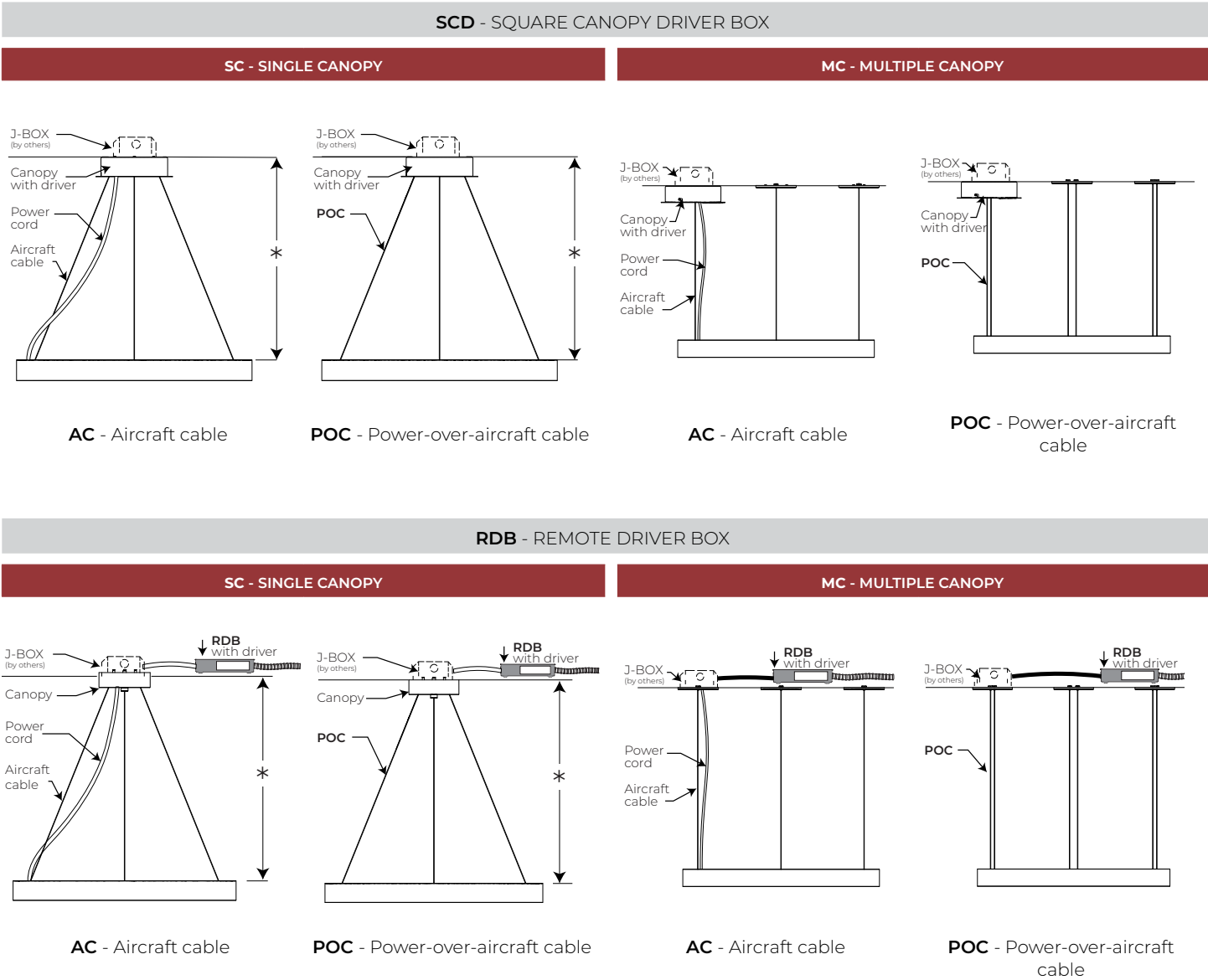
CCT	WATTS	LPW
2700K	1.08	0.92
3000K	1.05	0.96
3500K	1.02	0.98
4000K	1.00	1.00

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Mounting Options



*minimum height

For single canopy option, the minimum required mounting heights:

Fixture size	* Minimum height
24" x 24"	15"
36" x 36"	22"
48" x 48"	29"
60" x 60"	36"
72" x 72"	43"

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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.

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% 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

Lens: Coextruded polycarbonate

WEIGHT

24" x 24": 5.1 lbs - 2.3 kg

36" x 36": 8.1 lbs - 3.7 kg

48" x 48": 11.1 lbs - 5.0 kg

60" x 60": 14.1 lbs - 6.4 kg

72" x 72": 17.1 lbs - 7.8 kg

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 on 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.