

RIM TUBE 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	OPTIC	LIGHT SOURCE ¹	CRI
RIMTUSP		ULO	SW	90CRI
RIMTUSP - Rim Tube Square Pendant	12INX12IN - 12" x 12" 24INX24IN - 24" x 24" 36INX36IN - 36" x 36" 48INX48IN - 48" x 48" 60INX60IN - 60" x 60" 72INX72IN - 72" x 72"	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
12" x 12"	Low 1300LM	High 1900LM	27K - 2700K 30K - 3000K	120V - 120V 277V - 277V	D1 - 1% 0-10V DA ³ - DALI	1C - 1 circuit ⁴ For other circuit configurations, consult factory.
24" x 24"	2600LM	3800LM	35K - 3500K	UNV - 120V-277V	LDE1 ³ - Lutron Hi-Lume 1% Eco	
36" x 36"	3900LM	5800LM	40K - 4000K	347V ² - 347V	ELD1 - eldoLED 1% ECOdrive 0-10V	
48" x 48"	5200LM	7700LM	50K - 5000K		ELDO - eldoLED0.1% SOLOdrive 0-10V	
60" x 60"	6500LM	9500LM		² Available with D1 driver only.		
72" x 72"	7800LM	11500LM			³ On-site commissioning is required.	

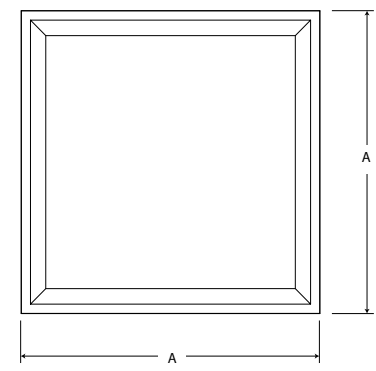
MOUNTING				FINISH											
DRIVER BOX ⁵ SCD ^{6,7} - Square canopy driver box RDB ⁸ - Remote driver box ⁵ For more information see page 3. ⁶ Not available with single canopy option. ⁷ Not available with 347V. ⁸ Multiple remote driver boxes may be necessary for lumen packages higher than 10000 lm.	CANOPY FINISH W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#	POWER POC - Power-over-aircraft cable BAC - Black power cord + aircraft cable WAC - White power cord + aircraft cable	MOUNTING POINTS SC ⁹ - Single canopy MC ^{10,11} - Multiple canopies ⁹ Available up to 48" x 48" only. ¹⁰ 4 Canopies provided. ¹¹ 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 ¹² 18IN - 18" 24IN - 24" 36IN - 36" 48IN - 48" 60IN - 60" 72IN - 72" 96IN - 96" 120IN - 120" ##IN - Specify nominal length in inches ¹² 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>12" x 12"</td><td>7"</td></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></table>	Fixture size	Minimum height	12" x 12"	7"	24" x 24"	15"	36" x 36"	22"	48" x 48"	29"	W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#
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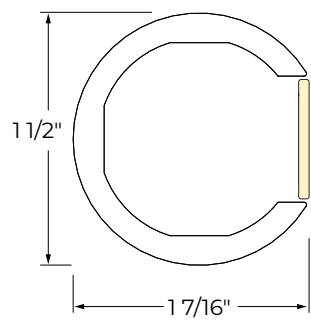


Dimensions



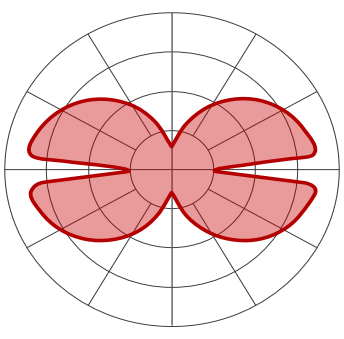
Size	A
12" x 12"	14 1/8"
24" x 24"	26 1/8"
36" x 36"	38 1/8"
48" x 48"	50 1/8"
60" x 60"	62 1/8"
72" x 72"	74 1/8"

SECTION VIEW



Photometrics

Delivered lumens at 4000K at 90+ CRI



12" x 12"

LM	W	LM/W
1300	14.4	90
1900	21.8	87

24" x 24"

LM	W	LM/W
2600	28.9	90
3800	43.7	87

36" x 36"

LM	W	LM/W
3900	43.3	90
5800	66.7	87

48" x 48"

LM	W	LM/W
5200	57.8	90
7700	88.5	87

60" x 60"

LM	W	LM/W
6500	72.2	90
9500	109.2	87

72" x 72"

LM	W	LM/W
7800	86.7	90
11500	132.2	87

MULTIPLIER TABLE

Use this table to get results for different color temperatures 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
5000K	1.00	1.00



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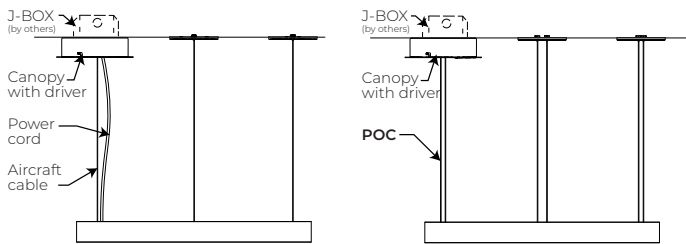
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Mounting Options

SCD - SQUARE CANOPY DRIVER BOX

MC - MULTIPLE CANOPY



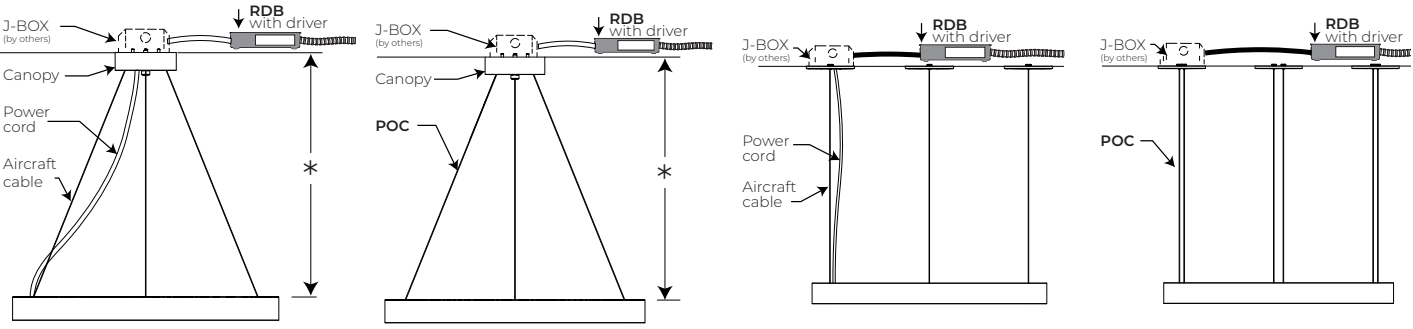
AC - Aircraft cable

POC - Power-over-aircraft cable

RDB - REMOTE DRIVER BOX

SC - SINGLE CANOPY

MC - MULTIPLE CANOPY



AC - Aircraft cable

POC - Power-over-aircraft cable

AC - Aircraft cable

POC - Power-over-aircraft cable

*minimum height

For single canopy option, the minimum required mounting heights:

Fixture size	* Minimum height
12" x 12"	7"
24" x 24"	15"
36" x 36"	22"
48" x 48"	29"



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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

Custom array of mid-flux LEDs are mounted directly to the housing for optimal thermal performance. Available in 2700K, 3000K, 3500K, 4000K, and 5000K 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

12" x 12": 3 lbs - 1.4 kg

24" x 24": 6 lbs - 2.7 kg

36" x 36": 9 lbs - 4.1 kg

48" x 48": 12 lbs - 5.4 kg

60" x 60": 15 lbs - 6.8 kg

72" x 72": 18 lbs - 8.2 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.