RIM MULTIPLE TRIANGLE & HEXAGON

PENDANT
STATIC WHITE

LUMENWERX

Project: _____

Type: _____

5 YEAR WARRANTY

DESCRIPTION

RIM TRIANGLE

Rim Multiple Triangle pendants are the result of bringing two or three Rim Triangle fixtures (2', 3', and 4' standard sides only) together arranged on different planes and sharing one canopy. Rim Triangle is equipped with LED arrays illuminating inward from its triangular housing. Rim Multiple Triangle fixtures serve as decorative, modern focal points of interior spaces that in some cases may also require general lighting and perhaps a wall wash and/or perimeter effects, as well. It is also available with Chromawerx Sola, Duo, and Quadro (consult factory).

RIM HEXAGON

Rim Multiple Hexagon pendants are the result of bringing two Rim Hexagon fixtures together arranged on different planes and sharing one canopy. Rim Hexagon is equipped with LED arrays illuminating inward from its hexagonal housing. Rim Multiple Hexagon fixtures serve as decorative, modern focal points of interior spaces that in some cases may also require general lighting and perhaps a wall wash and/or perimeter effects, as well. 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
			ULO	**SW**	**90**
RIMMTP - Rim Multiple Triangle Pendant **RIMMHP** - Rim Multiple Hexagon Pendant	**2 FIXTURES** **2+3** - 2' side + 3' side **2+4** - 2' side + 4' side **3+4** - 3' side + 4' side [1] For Triangle, sizes are side dimensions. For Hexagon, sizes are side-to-side dimensions.	**3 TRIANGLES** **2+3+4** [2] - 2' side Triangle + 3' side Triangle + 4' side Triangle [2] Not available with Hexagon.	**ULO** - Uniform Lambertian Optic	**SW** - Static white [3] Chromawerx Sola,Duo and Quadro also available. Consult factory.	**90** - 90 CRI

TOTAL LUMEN PACKAGE (lm)							COLOR TEMP.	VOLTAGE	REMOTE DRIVER [5]		ELECTRICAL [7]
											1C

	2 FIXTURES			**3 TRIANGLES**							
	Low	Med.	High		Low	Med.	High				
T-2+3	**4900**	**7200**	**9500**	T-2+3+4	**8800**	**13000**	**17100**	**27** - 2700K **30** - 3000K **35** - 3500K **40** - 4000K	**120** - 120V **277** - 277V **UNV** - 120V-277V **347** [4] -347V [4] Available with D1 driver only.	**D1** - 1% 0-10V **DA** [6] - DALI **LTEA2W** - Lutron 1% - 2 wire FP 120V **LDE1** [6] - Lutron Hi-Lume 1% Eco **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - 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.
T-2+4	**5900**	**8700**	**11400**								
T-3+4	**6800**	**10100**	**13300**								
H-2+3	**5700**	**8400**	**11000**								
H-2+4	**6900**	**10100**	**13200**								
H-3+4	**8000**	**11700**	**15400**								

MOUNTING							FINISH
RDB				**SC**			

DRIVER BOX [8]	CANOPY FINISH	POWER		MOUNTING POINTS	MOUNTING CABLE LENGTH [10]		FINISH
RDB [9] - Remote driver box [8] For more information see page 3. [9] Multiple remote driver boxes may be necessary for lumen packages higher than 10000 lm.	**W** - White **AL** - Aluminum **B** - Black **CF** - Custom finish, specify RAL#	**POC** - Integrated suspension power-over-aircraft cable **BAC** - Black power cord + aircraft cable **WAC** - White power cord + aircraft cable		**SC** - Single canopy	**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#

[10] Minimum mounting heights are based on the size of the ring on top (closest to ceiling) of the stack:

Fixture size	Remote driver box
T-2 - 2' side	min. height 11.5"
T-3 - 3' side	min. height 17.5"
T-4 - 4' side	min. height 24"
H-2 - 2' side-to-side	min. height 27.5"
H-3 - 3' side-to-side	min. height 42"
H-4 - 4' side-to-side	min. height 56.5"

See website for the Pendant Mounting Guide

ETL Intertek

PoE

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Dimensions

SIZE	A SIDE LENGTH
T-2	24 9/16"
T-3	36 9/16"
T-4	48 9/16"

RIMTP - Rim Triangle Pendant
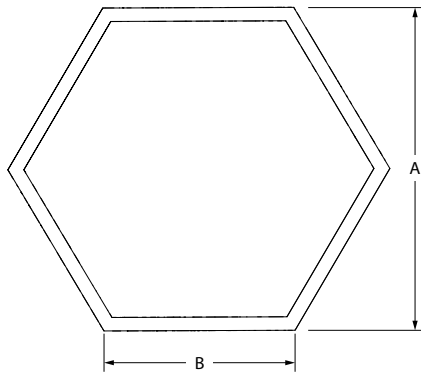
SIZE	A SIDE-TO-SIDE LENGTH	B SIDE LENGTH
H-2	24 5/8"	14 3/16"
H-3	36 5/8"	21 1/8"
H-4	48 5/8"	28 1/16"

RIMHP - Rim Hexagon Pendant

Section Views

2 1/8"

1"
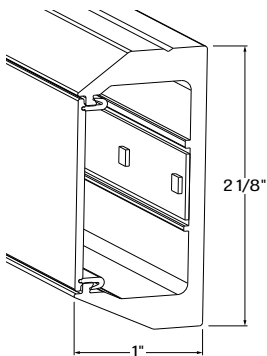
RIMTP - Rim Triangle Pendant
RIMHP - Rim Hexagon Pendant
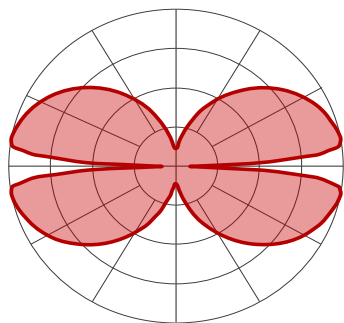
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PoE
Power over Ethernet

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Photometrics

RIMTP - RIM TRIANGLE PENDANT - Delivered lumens at 40K at 90 CRI

T-2 - 2' side

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	22.2	2000	90
Medium	33.3	2900	87
High	45.2	3800	84

T-3 - 3' side

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	32.2	2900	90
Medium	49.4	4300	87
High	67.9	5700	84

T-4 - 4' side

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

RIMHP - RIM HEXAGON PENDANT - Delivered lumens at 40K at 90 CRI
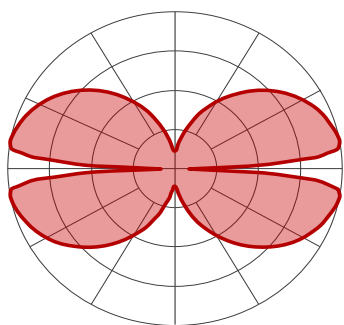
H-2 - 2' side-to-side

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	25.6	2300	90
Medium	39.1	3400	87
High	52.4	4400	84

H-3 - 3' side-to-side

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	37.8	3400	90
Medium	57.5	5000	87
High	78.6	6600	84

H-4 - 4' side-to-side

LED output	WATTS	NOMINAL DELIVERED LUMENS	LPW
Low	51.1	4600	90
Medium	77	6700	87
High	104.8	8800	84

MULTIPLIER TABLES
Please follow the multiplier tables to ensure correct lumen value. CCT and CRI, will change the lumen output.
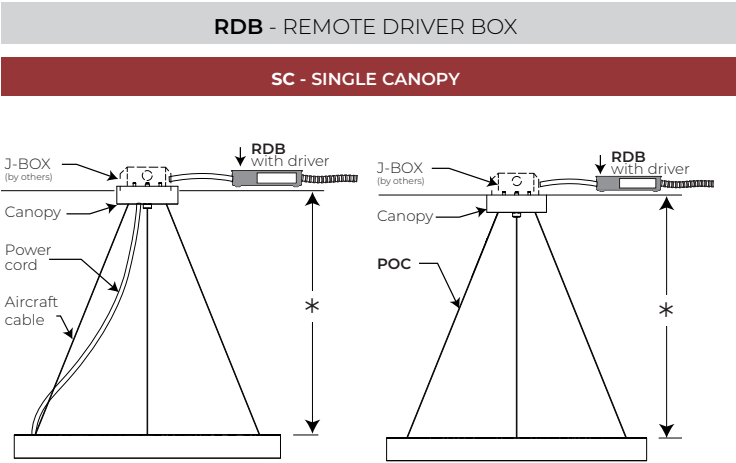
Multiplier @ CRI90

CCT (K)	Watts	LPW
2700	1.08	0.92
3000	1.05	0.96
3500	1.02	0.98
4000	1.00	1.00

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Mounting Options

RDB - REMOTE DRIVER BOX

SC - SINGLE CANOPY

AC - Aircraft cable   **POC** - Power-over-aircraft cable

*Minimum height

For single canopy option, the minimum required mounting heights:

Fixture size	* Minimum height
T-2 - 2' side	**min. height 11.5"**
T-3 - 3' side	**min. height 17.5"**
T-4 - 4' side	**min. height 24"**
H-2 - 2' side-to-side	**min. height 27.5"**
H-3 - 3' side-to-side	**min. height 42"**
H-4 - 4' side-to-side	**min. height 56.5"**

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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.

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

TRIANGLE		HEXAGON	
2' side	4.8lbs - 2.1kg	2' side-to-side	9.6lbs - 4.3kg
3' side	7.2lbs - 3.2kg	3' side-to-side	14.4lbs - 6.5kg
4' side	9.6lbs - 4.3kg	4' side-to-side	19.2lbs - 8.7kg

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.

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