

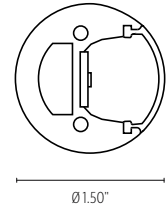
# Aro Cluster™

PENDANT

**FEATURES**

- 1.5" PROFILE SIZE
- CRISP AND UNIFORM DIFFUSER APPEARANCE
- 36", 48" AND 60" RING DIAMETER
- CUSTOM SIZES AND SHAPES ARE POSSIBLE
- 3-STEP LED BINNING


**PROFILE VIEW**



MADE IN USA 

**CATALOG CODES**

<b>AO2</b>	-	<b>P3DB</b>	-	<b>60</b>	-	<b>MW</b>	-	<b>E</b>	-	<b>LED1</b>	/	<b>UNV</b>	-	<b>H</b>	-	<b>I</b>	-	<b>J</b>
SERIES		HANGING SYSTEM		SIZE		DIFFUSER		FINISH		LIGHT SOURCE		VOLTAGE		OAH		CONTROL		OPTIONS

SPECIFY CATALOG CODE		A	B	C	D	E		F	G	H	I	J	
		SERIES	HANGING SYSTEM	SIZE	DIFFUSER	FINISH		LIGHT SOURCE	VOLTAGE	OAH	CONTROL	OPTIONS	
 <b>A02</b> ARO CLUSTER		<b>P3DB</b> THREE CLUSTER PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO CANOPY WITH INTEGRAL DRIVER	<b>60*</b>	<b>MW</b> MATTE WHITE	<b>POWDER COAT FINISHES</b> <b>BKP</b> BLACK <b>MWP</b> MATTE WHITE <b>BMP</b> BRASS METALLIC <b>SGP</b> STEEL GRAY <b>BNP</b> BRONZE <b>SMP</b> SILVER METALLIC <b>BTP</b> BLACK TEXTURED <b>SWP</b> SKY WHITE <b>GRP</b> GRAPHITE <b>WTP</b> WHITE TEXTURED <b>GLP</b> GOLDTASTIC		<b>PREMIUM METAL FINISHES</b> <b>BAL</b> BRUSHED ALUMINUM		<b>LED1</b>	<b>UNV</b> 120-277	<b>SPECIFY IN INCHES</b>	<b>DM1</b> 0-10V DIMMING 1% <b>DM3</b> LUTRON HI-LUME ECOSYSTEM 1% (LDE1)	<b>ULD</b> UL DAMP LABEL <b>MOD</b> MODIFIED LUMINAIRE (CONTACT LOCAL REP)

**SAMPLE CODE: A02-P3DB-60-MW-MWP-LED1/27K-UNV-36-DMO**

\* Standard cluster features 36", 48" and 60" rings as shown

**MODS, NOTES, & COMMENTS**

UP TO **60** LM/W

LUMENS AND WATTAGE CHART		CLUSTER TOTAL
<b>LED1</b>	LUMENS DELIVERED	8,160
	SYSTEM WATTAGE	136

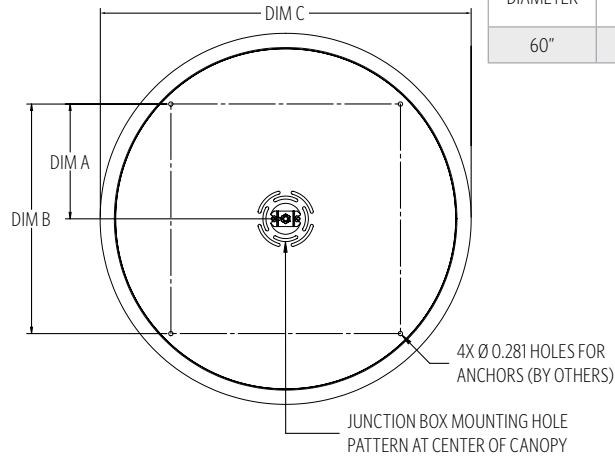
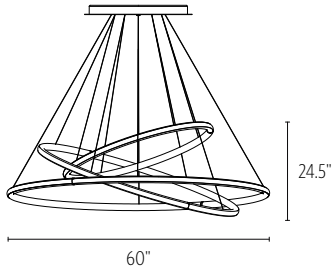
This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Wattage and lumen data approx. pending LM-79 testing.

HANGING SYSTEM

**P3DB** THREE CLUSTER PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO CANOPY WITH INTEGRAL DRIVER

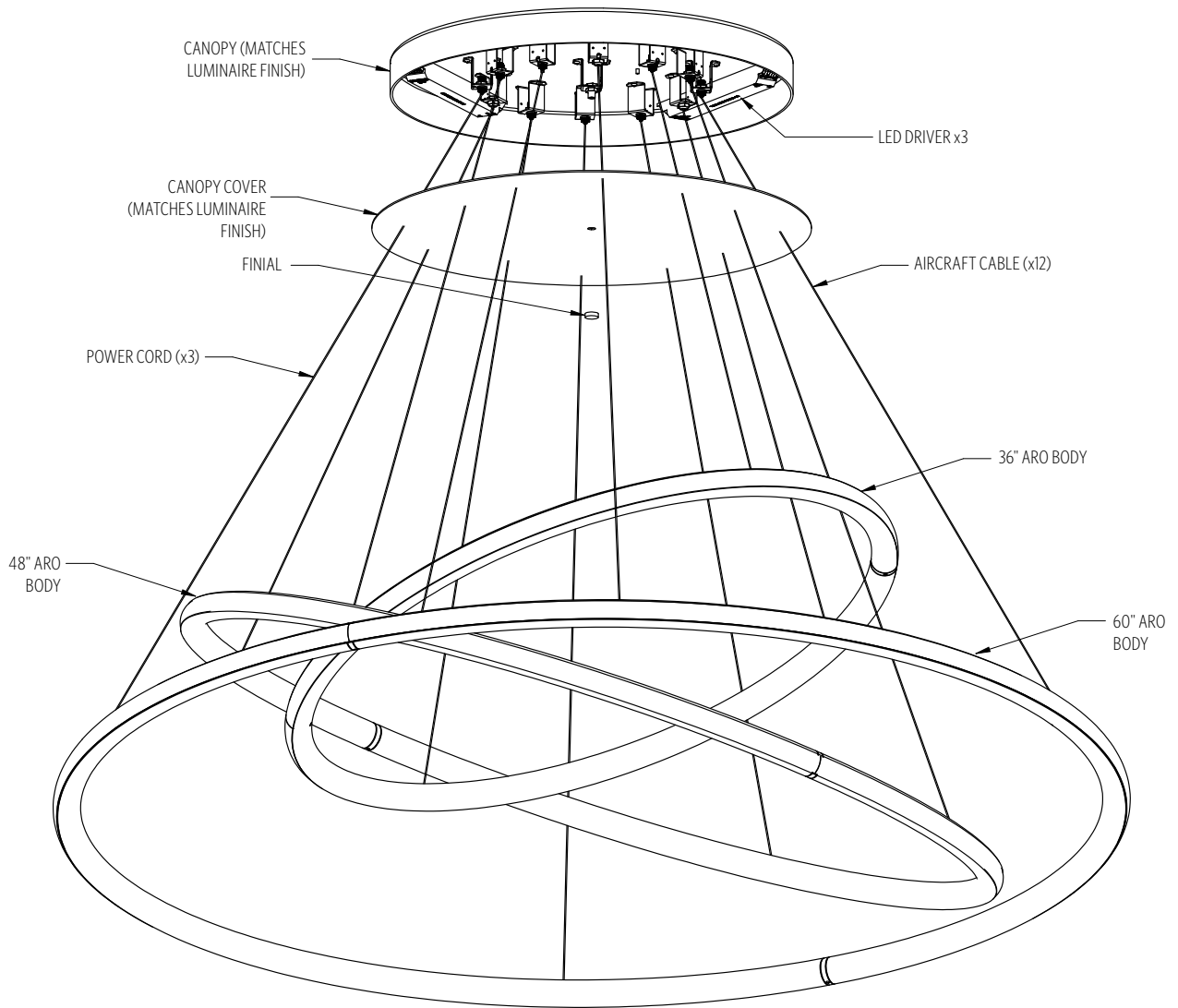
**MOUNTING INFORMATION CHART**

LUMINAIRE DIAMETER	LUMINAIRE WEIGHT	DIM A	DIM B	DIM C	MOUNTING POINTS	MIN/MAX OAH
60"	42 LBS	7.425"	14.85"	24"	4	46'/120"



4X4 OCTAGON JUNCTION BOX (BY OTHERS)

CANOPY REQUIRES ADDITIONAL ANCHORS (BY OTHERS)



## DIFFUSER



**MW** MATTE WHITE

## FINISH

### SOLID POWDER COAT FINISHES:



**SMP**  
SILVER



**GRP**  
GRAPHITE



**SGP**  
STEEL GRAY



**GLP**  
GOLDTASTIC



**BMP**  
BRASS



**BNP**  
BRONZE

### PREMIUM METAL FINISHES:



**BAL**  
BRUSHED  
ALUMINUM

### SOLID POWDER COAT FINISHES:



**SWP**  
SKY WHITE



**MWP**  
MATTE  
WHITE



**BKP**  
BLACK

### TEXTURED POWDER COAT FINISHES:



**BTP**  
BLACK  
TEXTURED



**WTP**  
WHITE  
TEXTURED

**RAL, Pantone® or custom finishes are also available.**

These colors are for reference only. Please be aware that colors may vary per monitor. Contact your local rep for finish samples or with any questions.

## LIGHT SOURCE

LUMENS AND WATTAGE CHART		CLUSTER TOTAL
<b>LED1</b>	LUMENS DELIVERED	11,730
	SYSTEM WATTAGE	136

This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Wattage and lumen data approx. pending LM-79 testing.

STANDARD COLOR TEMPERATURE OPTIONS	CRI
2700K	80+
3000K	80+
3500K	80+
4000K	80+

### LUMEN MAINTENANCE

REPORTED: L70 AT >60,000 HRS

CALCULATED: L70 AT 185,000 HRS

REPORTED: L90 AT 54,000 HRS

CALCULATED: L90 AT 54,000 HRS

Derived from EPA TM-21 calculator. Based on typical conditions. Consult the factory for additional details

**\*\*PHOTOMETRIC INFORMATION PENDING\*\***

## CONTROL

### DM1 0-10V DIMMING 1%

- 0-10V DIMMING
- 1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR >0.9
- THD <20%
- MINIMUM AMBIENT OPERATING TEMPERATURE -22°F
- FIELD REPLACEABLE

### DM3 LUTRON HI-LUME ECOSYSTEM 1%

- LUTRON HI-LUME SOFT-ON, FADE-TO-BLACK 1%, ECOSYSTEM, LDE1
- ELECTRONIC DRIVER
- POWER FACTOR >0.9
- THD <20%
- MINIMUM AMBIENT OPERATING TEMPERATURE: -32°F
- FIELD REPLACEABLE

## OPTIONS

### ULD DAMP LABEL LUMINAIRE

- MAY BE USED IN A OUTDOOR AREA THAT IS PROTECTED FROM DIRECT CONTACT WITH WIND, RAIN, SNOW OR EXCESSIVE MOISTURE

### MOD MODIFIED LUMINAIRE

- LUMINAIRE IS MODIFIED FROM STANDARD OPTIONS. CONTACT LOCAL REP FOR MORE INFORMATION

## SPECIFICATIONS

### CONSTRUCTION

- EXTRUDED ALUMINUM PROFILE
- EXTRUDED FROSTED OPAL ACRYLIC
- GALVANIZED STEEL AIRCRAFT CABLE
- HARDWARE IS ZINC PLATED STEEL OR STAINLESS STEEL
- CANOPY IS ALUMINUM

### ELECTRICAL

- DIMMING ELECTRONIC DRIVER(S), COMES STANDARD WITH 0-10V DOWN TO 10%
- 0-10V DOWN TO 1% AND LUTRON (LDE1) ECOSYSTEM 1% ALSO AVAILABLE
- OCL PROPRIETARY LED ARRAYS USE NICHIA 757 DIODES
- LUMINAIRE CONNECTS TO BUILDING SUPPLY (120V-277V 50/60HZ) (UNLESS DRIVERS ARE REMOTE)

### LISTING

- ETL LISTED TO UL 1598 FOR INDOOR, DRY LOCATION [DAMP LOCATION OPTIONAL]

### WARRANTY

- 5 YEAR; ALL ELECTRICAL COMPONENTS RETAIN THE MANUFACTURER'S WARRANTY

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