

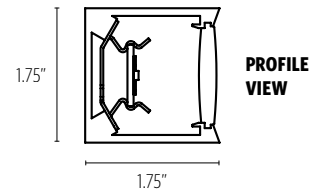


# Rev Cluster™

PENDANT

**FEATURES**

- INNER OR OUTER ILLUMINATION RING CLUSTER IN FIVE STANDARD LUMINAIRE CONFIGURATIONS
- MINIMAL 1.75" SQUARE EXTRUDED ALUMINUM PROFILE SIZE
- EXTRUDED SILICONE LENS CREATES A CRISP & UNIFORM APPEARANCE WITH NO VISIBLE SEAM, NO DIODE IMAGING OR ZERO LIGHT LEAKS FROM EXPANSION AND CONTRACTION
- 3-STEP LED BINNING
- CUSTOM SIZES, NUMBER OF RINGS, AND VARIOUS SHAPES ARE AVAILABLE AS MODIFICATIONS



**CATALOG CODES**

<b>A</b>	<b>B</b>	<b>C</b>	<b>MW</b>	<b>E</b>	<b>/</b>	<b>UNV</b>	<b>H</b>	<b>DM1</b>	<b>J</b>
SERIES	HANGING SYSTEM	SIZE	DIFFUSER	FINISH	LIGHT SOURCE	VOLTAGE	OAH	CONTROL	OPTIONS

SPECIFY CATALOG CODE			E		
A	B	C	D	E	
SERIES	HANGING SYSTEM	SIZE	DIFFUSER	FINISH	
 RV1 REV INNER	<b>P2DB</b> TWO RING CLUSTER PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORDS TO CANOPY WITH INTEGRAL DRIVER	<b>36 (P2DB ONLY)</b> <b>48</b> <b>60</b>  <b>NOTE:</b> SIZE DENOTES THE LARGEST DIAMETER RING IN THE 2-RING OR 3-RING CONFIGURATION	<b>MW</b> MATTE WHITE	<b>POWDER COAT FINISHES</b> <b>BKP</b> BLACK <b>BMP</b> BRASS METALLIC <b>BNP</b> BRONZE <b>BTP</b> BLACK TEXTURED <b>GRP</b> GRAPHITE <b>GLP</b> GOLDTASTIC	
	<b>P3DB</b> THREE RING CLUSTER PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORDS TO CANOPY WITH INTEGRAL DRIVER			<b>MWP</b> MATTE WHITE <b>SGP</b> STEEL GRAY <b>SMP</b> SILVER METALLIC <b>SWP</b> SKY WHITE <b>WTP</b> WHITE TEXTURED	
 RV2 REV OUTER				<b>PREMIUM METAL FINISHES</b> <b>BAL</b> BRUSHED ALUMINUM	
F		G	H	I	J
LIGHT SOURCE		VOLTAGE	OAH	CONTROL	OPTIONS
<b>LED OUTPUT</b> <b>LED1</b> <b>LED2</b>	<b>COLOR TEMP (80+ CRI)</b> <b>27K</b> <b>30K</b> <b>35K</b> <b>40K</b>	<b>COLOR TEMP (90+ CRI)</b> <b>927K</b> <b>930K</b> <b>935K</b> <b>940K</b>	<b>UNV</b> 120-277	<b>SPECIFY IN INCHES</b>  <b>NOTE:</b> SEE HANGING SYSTEM FOR DETAILS ON MIN/MAX OAH	<b>DM1</b> 0-10V DIMMING 1%
				<b>ULD</b> UL DAMP LABEL <b>BIOS</b> BIOS SKYBLUE™ OR BIOS SKLYBLUE™ DYNAMIC LIGHT ENGINE* <b>MOD</b> MODIFIED LUMINAIRE (CONTACT LOCAL REP)	

SAMPLE CODE: RV2-P3DB-60-MW-MWP-LED1/27K-UNV-36-DM1

\*Contact factory for BIOS SkyBlue® or BIOS SkyBlue® Dynamic light engine and control options.

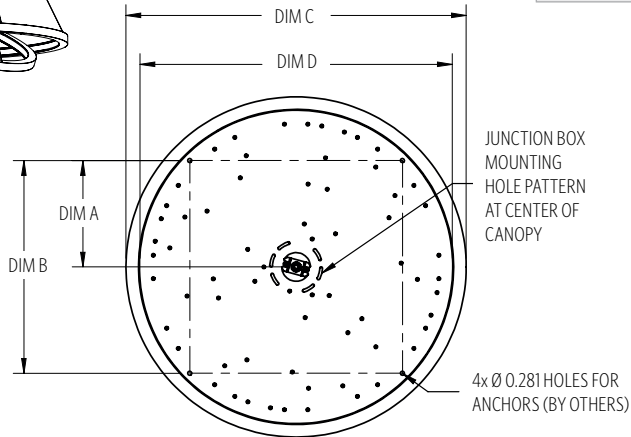
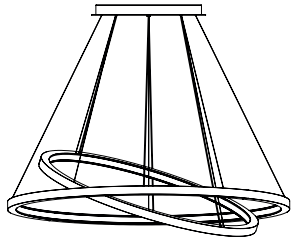
**MODS, NOTES, & COMMENTS**

LUMENS AND WATTAGE CHART		RV1					RV2				
		P2DB			P3DB		P2DB			P3DB	
		36"	48"	60"	48"	60"	36"	48"	60"	48"	60"
<b>LED1</b>	LUMENS DELIVERED	2450	3420	4400	4400	5880	2910	4100	5340	5300	7070
	SYSTEM WATTAGE	55	75	95	95	130	55	80	100	100	135
<b>LED2</b>	LUMENS DELIVERED	4070	5410	7080	7040	9540	4960	6530	8530	8530	11500
	SYSTEM WATTAGE	90	120	155	155	210	95	125	160	160	215

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. Values shown for 80+ CRI. For 90+ CRI lumens use 0.85 multiplier.

## HANGING SYSTEM

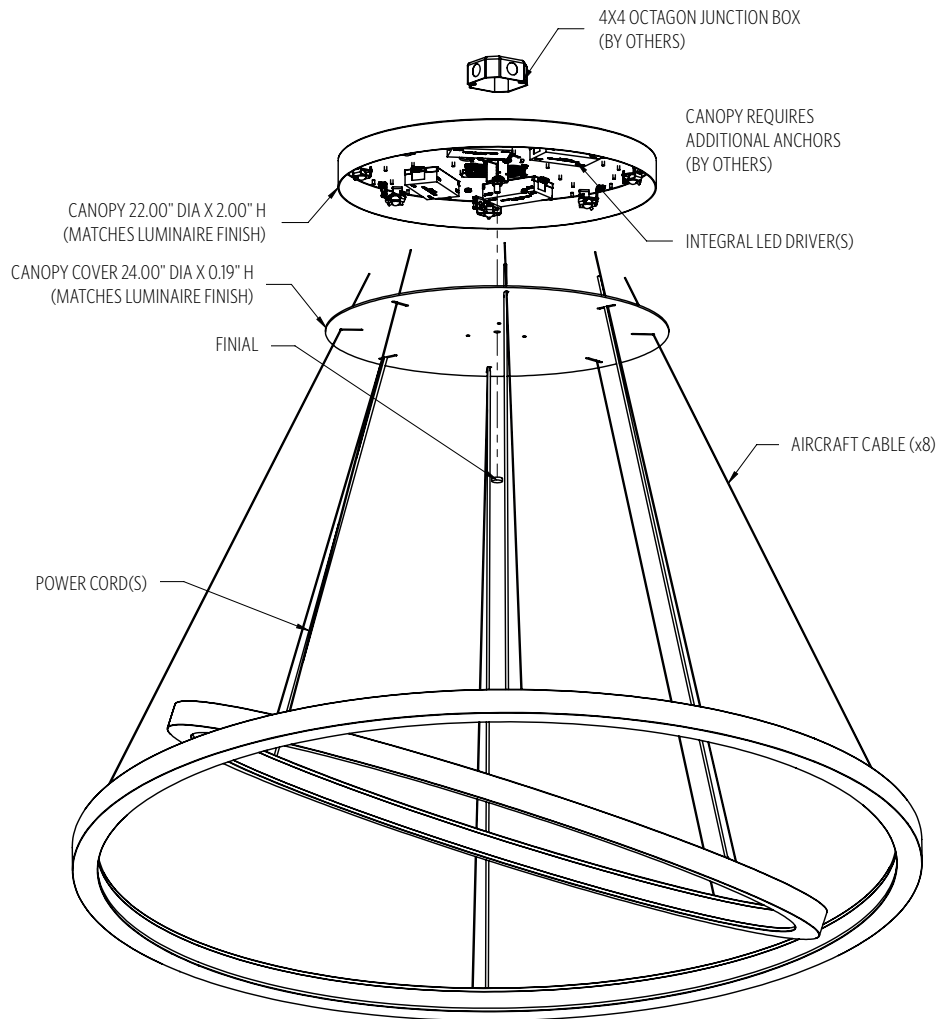
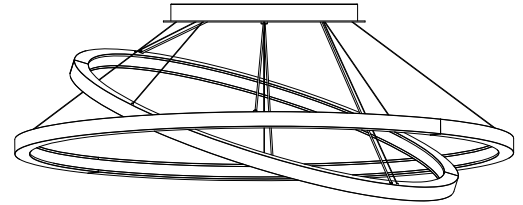
### P2DB TWO CLUSTER PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO CANOPY WITH INTEGRAL DRIVER



### MOUNTING INFORMATION CHART

LUMINAIRE DIAMETER	LUMINAIRE WEIGHT	DIM A	DIM B	DIM C	DIM D	MOUNTING POINTS	MIN/MAX OAH
36"	28 LBS	7.425"	14.85"	24"	22"	4	15"/144"
48"	35 LBS	7.425"	14.85"	24"	22"	4	17"/144"
60"	47 LBS	7.425"	14.85"	24"	22"	4	23"/144"

**NOTE: OAH** for some close to ceiling applications will gradually reduce the angle of the rings; **P2DB-48** reduces between 24" - 17" OAH; **P2DB-60** reduces between 42" - 23" OAH. See diagram example below.

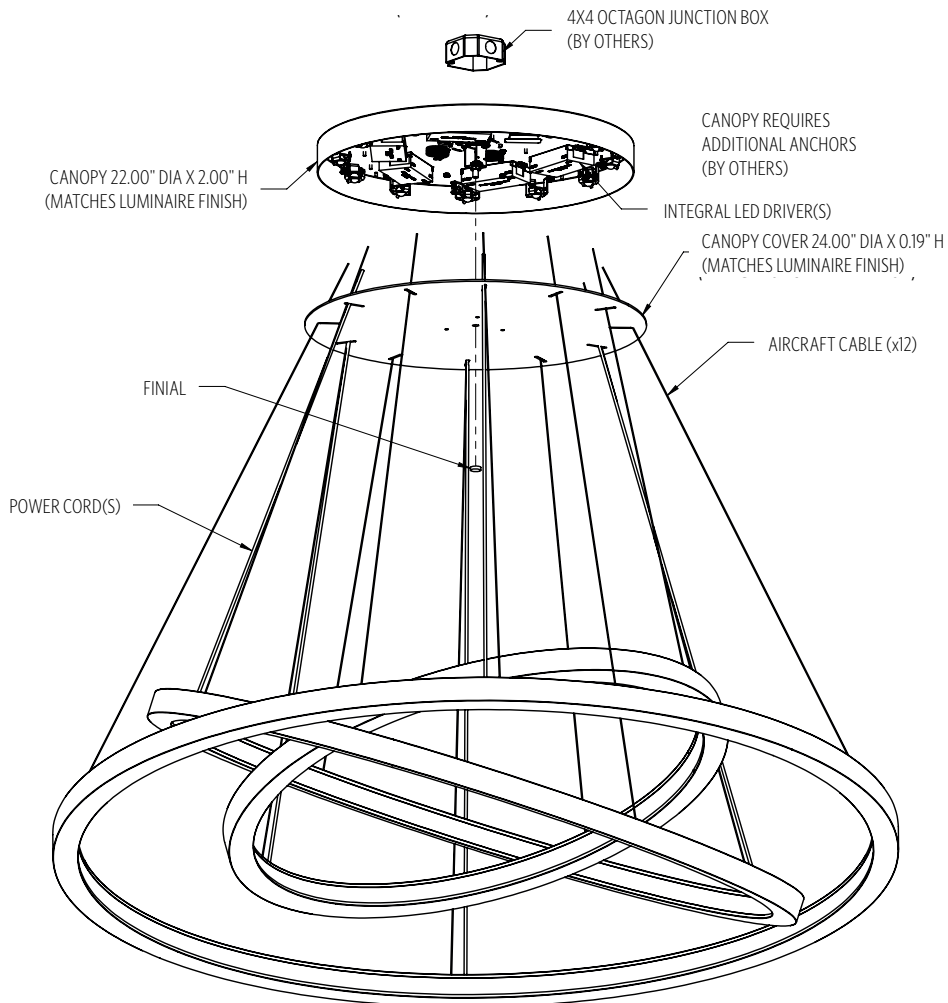
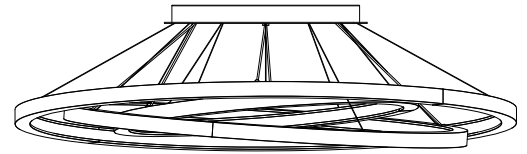
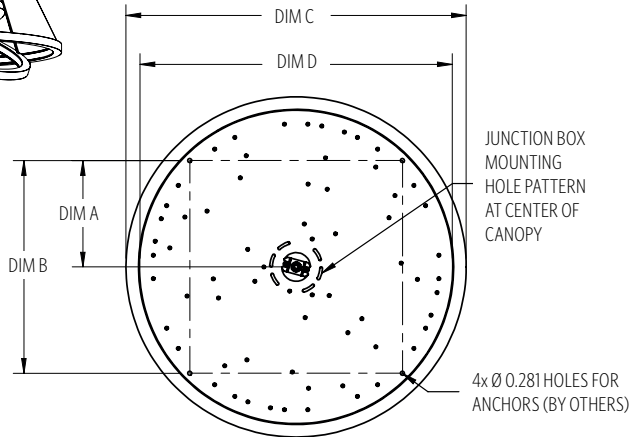
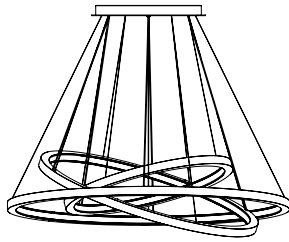


**P3DB** THREE CLUSTER PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO CANOPY WITH INTEGRAL DRIVER

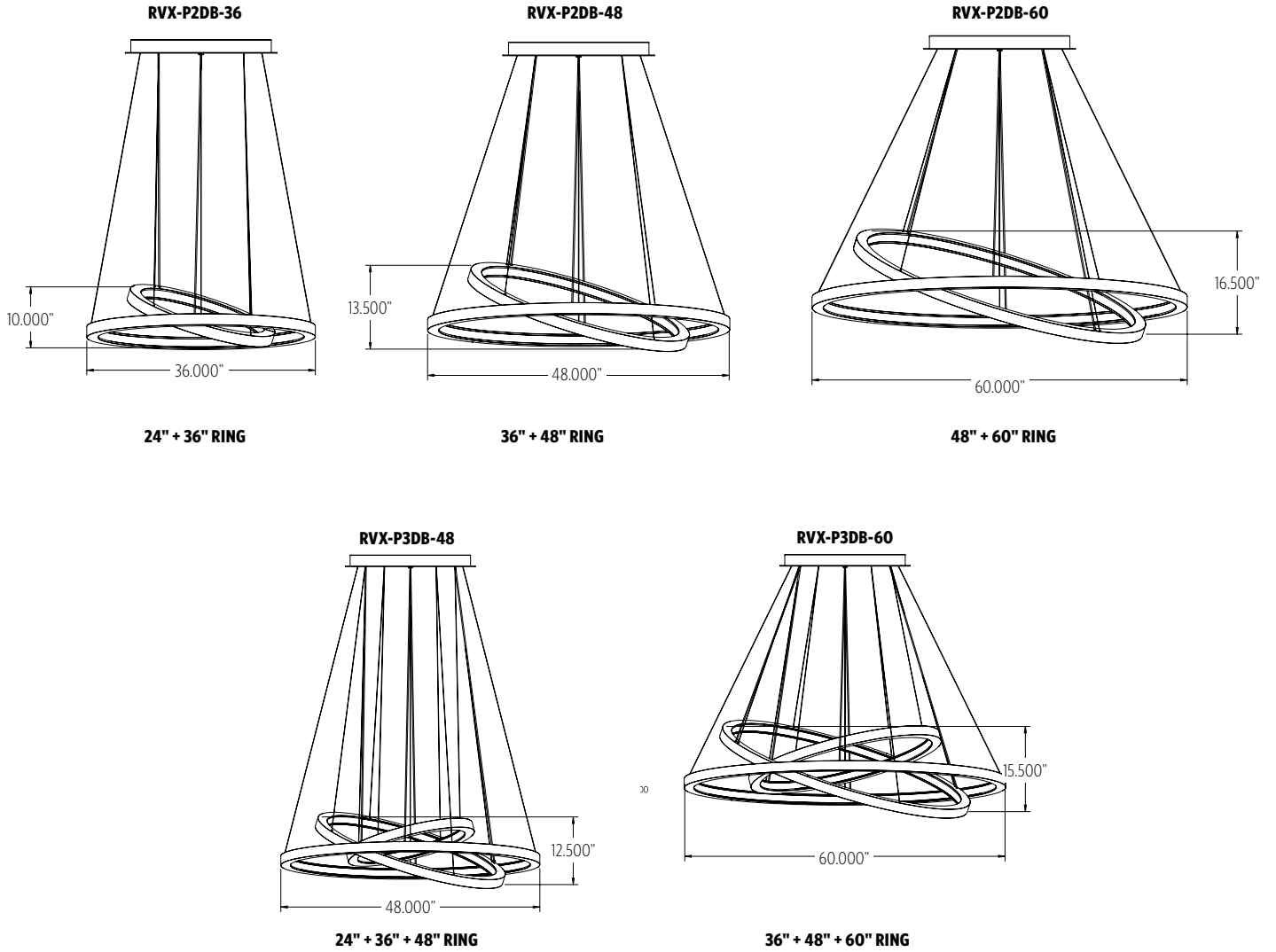
**MOUNTING INFORMATION CHART**

LUMINAIRE DIAMETER	LUMINAIRE WEIGHT	DIM A	DIM B	DIM C	DIM D	MOUNTING POINTS	MIN/MAX OAH
48"	42 LBS	7.425"	14.85"	24"	22"	4	17"/144"
60"	47 LBS	7.425"	14.85"	24"	22"	4	17"/144"

**NOTE: OAH** for some close to ceiling applications will gradually reduce the angle of the rings; **P3DB-48** reduces between 24" - 17" OAH; **P3DB-60** reduces between 42" - 23" OAH. See diagram example below.



SIZES



DIFFUSER



**MW** MATTE WHITE SILICONE LENS

FINISH

SOLID POWDER COAT FINISHES:



**SMP**  
SILVER



**GRP**  
GRAPHITE



**SGP**  
STEEL GRAY



**GLP**  
GOLDTASTIC



**BMP**  
BRASS



**BNP**  
BRONZE

SOLID POWDER COAT FINISHES:



**SWP**  
SKY WHITE



**MWP**  
MATTE WHITE



**BKP**  
BLACK

TEXTURED POWDER COAT FINISHES:



**BTP**  
BLACK TEXTURED



**WTP**  
WHITE TEXTURED

PREMIUM METAL FINISHES:



**BAL**  
BRUSHED ALUMINUM

**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		RV1					RV2				
		P2DB			P3DB		P2DB			P3DB	
		36"	48"	60"	48"	60"	36"	48"	60"	48"	60"
<b>LED1</b>	LUMENS DELIVERED	2450	3420	4400	4400	5880	2910	4100	5340	5300	7070
	SYSTEM WATTAGE	55	75	95	95	130	55	80	100	100	135
<b>LED2</b>	LUMENS DELIVERED	4070	5410	7080	7040	9540	4960	6530	8530	8530	11500
	SYSTEM WATTAGE	90	120	155	155	210	95	125	160	160	215

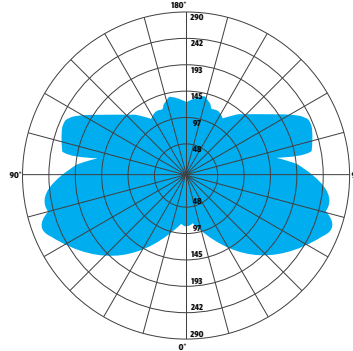
This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Values shown for 80+ CRI. For 90+ CRI lumens use 0.85 multiplier.

STANDARD COLOR TEMPERATURE OPTIONS	CRI	
2700K	80+	90+
3000K	80+	90+
3500K	80+	90+
4000K	80+	90+

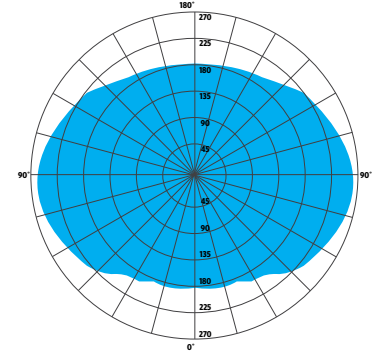
For 80+ CRI - 80 RA, R9 > 0 (10-15 TYP.); For 90+ CRI - 90 RA, R9 > 50

ZONE	RV1		RV2	
	LUMENS	% OF LUMINAIRE	LUMENS	% OF LUMINAIRE
0-30	131	5%	160	6%
0-60	676	28%	660	23%
0-90	1446	59%	1465	50%
90-180	1010	41%	1451	50%
0-180	2455	100%	2916	100%

This chart was created using RV1xP2DB-36-LED1/35K testing data, and will vary with size & light source specifications chosen. See IES files on product page.



**RV1-P2DB**



**RV2-P2DB**

### PHOTOMETRY:

LUMINAIRE:	RV1-P2DB-36-MW-XXX-LED1/35K-UNV-XXX-DM1
COLOR TEMP #:	3500K
OUTPUT:	2455
TEST REPORT:	CREATED BASED ON INTERTEK FILE: 105556052CHI-001

### LUMEN MAINTENANCE

REPORTED:	L70 AT >60,000 HRS
CALCULATED:	L70 AT 136,000 HRS
REPORTED:	L90 AT 41,000 HRS
CALCULATED:	L90 AT 41,000 HRS

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

## CONTROL

### DM1 0-10V DIMMING 1%

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

### BIOS

- **BIOS SKYBLUE™ DYNAMIC** LIGHT ENGINE IS DIMMABLE AND FEATURES A SIMPLE APPROACH TO CIRCADIAN LIGHTING CONTROLS.
- WHEN PAIRED WITH THE BIOS BIO-DIMMING MODULE, IT OPERATES USING ANY SINGLE CHANNEL CONSTANT CURRENT (CC) LED DRIVER AND CAN BE USED WITH ANY STANDARD DIMMING INTERFACE/PROTOCOL (0-10V, ELV, DMX, WIRELESS) AND COULD WORK WITH EXISTING TWO-CHANNEL CONTROL SYSTEMS AS WELL.
- VISIT [OCL.COM/BIOS](http://OCL.COM/BIOS) FOR MORE INFORMATION

## SPECIFICATIONS

### CONSTRUCTION

- EXTRUDED ALUMINUM HOUSING PROFILE
- LENS IS EXTRUDED SILICONE
- STAINLESS STEEL AIRCRAFT CABLE
- HARDWARE IS ZINC PLATED STEEL OR STAINLESS STEEL
- CANOPY IS SPUN ALUMINUM

### MOUNTING

- **P2DB** AND **P3DB** MOUNT TO 4X4" OCTAGON OR 4" ROUND J-BOX (BY OTHER) WITH ADDITIONAL ANCHORS REQUIRED (BY OTHERS)
- 

### ELECTRICAL

- DIMMING ELECTRONIC DRIVER(S), COMES STANDARD WITH 0-10V DOWN TO 10%
- OCL PROPRIETARY LED ARRAYS USE NICHIA 757 DIODES
- 3 STEP BINNING
- 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

### BUILD AMERICA, BUY AMERICA (BABA)

- THIS PRODUCT MEETS THE GUIDELINES FOR THE BUILD AMERICA, BUY AMERICA ACT. **SOME EXCLUSIONS APPLY.** FOR MORE INFORMATION AND A FULL LIST OF ELIGIBLE SKUS, VISIT **OCL.COM/BABA**

### SUSTAINABILITY

- THIS PRODUCT MEETS THE MATERIAL RESTRICTIONS OF ARTICLE 4 OF THE **ROHS** DIRECTIVE (2011/65/EU), INCLUDING COMMISSION DELEGATED DIRECTIVE 2015/863
- **BIOS** LIGHTING CONTRIBUTES TOWARD THE CIRCADIAN LIGHTING DESIGN FEATURE 54 UNDER THE **WELL BUILDING STANDARD™ V1** AND FEATURE L03 UNDER THE **WELL BUILDING STANDARD V2**

## COMMON MODIFICATIONS

### WE'RE BUILT FOR OUT-OF-THE-BOX THINKERS.

Nearly 50% of OCL fixtures we manufacture have some type of modification. Here is a list of common modifications we frequently produce. **Please contact the factory for modifications specific to your fixture or project.**

Need some help? Simply send your questions to us at **OCL-Quotes@ocl.com**

- BIOS, TUNABLE WHITE, WARM-DIM, & RGBW LIGHT SOURCES
- SPECIFIC LUMEN OUTPUT
- MODIFIED CLUSTERS OR CONFIGURATIONS / MULTI-DROP CANOPIES
- VARIOUS SHAPES, ARCS, AND CURVES FOR LINEAR PROFILES AND RINGS
- CEILING OR SURFACE MOUNTING
- LARGE SCALE MODIFICATIONS
- RAL, PANTONE, BRAND-SPECIFIC, RETIRED OCL COLOR, OR CUSTOM FINISHES



- EMERGENCY BATTERY BACKUP OR INVERTER OPTIONS
- REMOTE DRIVERS / EXTENDED DISTANCE REMOTE DRIVERS
- DIMMING TO 0.1% (DIM TO DARK)
- NON-STANDARD SIZES OR LENGTHS
- NON-STANDARD CANOPY, BODY AND/OR CORD COLORS
- SEISMIC AND/OR ANTI-SWAY SYSTEMS
- RIGID STEMS
- MODIFIED OVERALL HEIGHTS (LONGER OR SHORTER OAH)
- UPLIGHT ADDITIONS
- LASER ETCHING, ENGRAVING, AND CUTOUTS

The drawings and specifications and ideas, designs and arrangements represented on these drawings are and shall remain the property of The Original Cast Lighting (OCL Architectural Lighting) and no part thereof shall be copied, disclosed, to others or used in conjunction with any work or project other than the specified project for which they have been prepared and developed, without written consent of OCL. Visual contact with these plans or specifications shall constitute conclusive evidence of acceptance of these restrictions. All specifications and information subject to change without notice.