

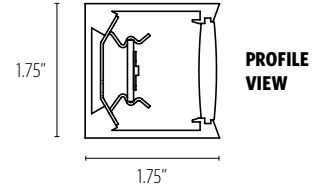


Rev Cluster™

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

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

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

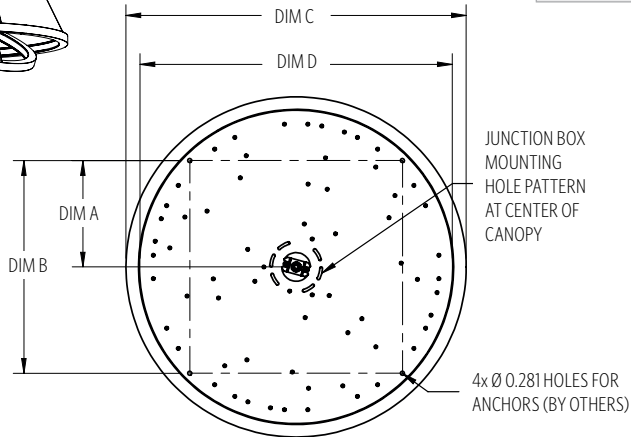
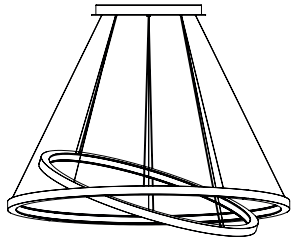
MODS, NOTES, & COMMENTS

LUMENS AND WATTAGE CHART		RV1					RV2				
		P2DB			P3DB		P2DB			P3DB	
		36"	48"	60"	48"	60"	36"	48"	60"	48"	60"
LED1	LUMENS DELIVERED	2450	3420	4400	4400	5880	2910	4100	5340	5300	7070
	SYSTEM WATTAGE	55	75	95	95	130	55	80	100	100	135
LED2	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

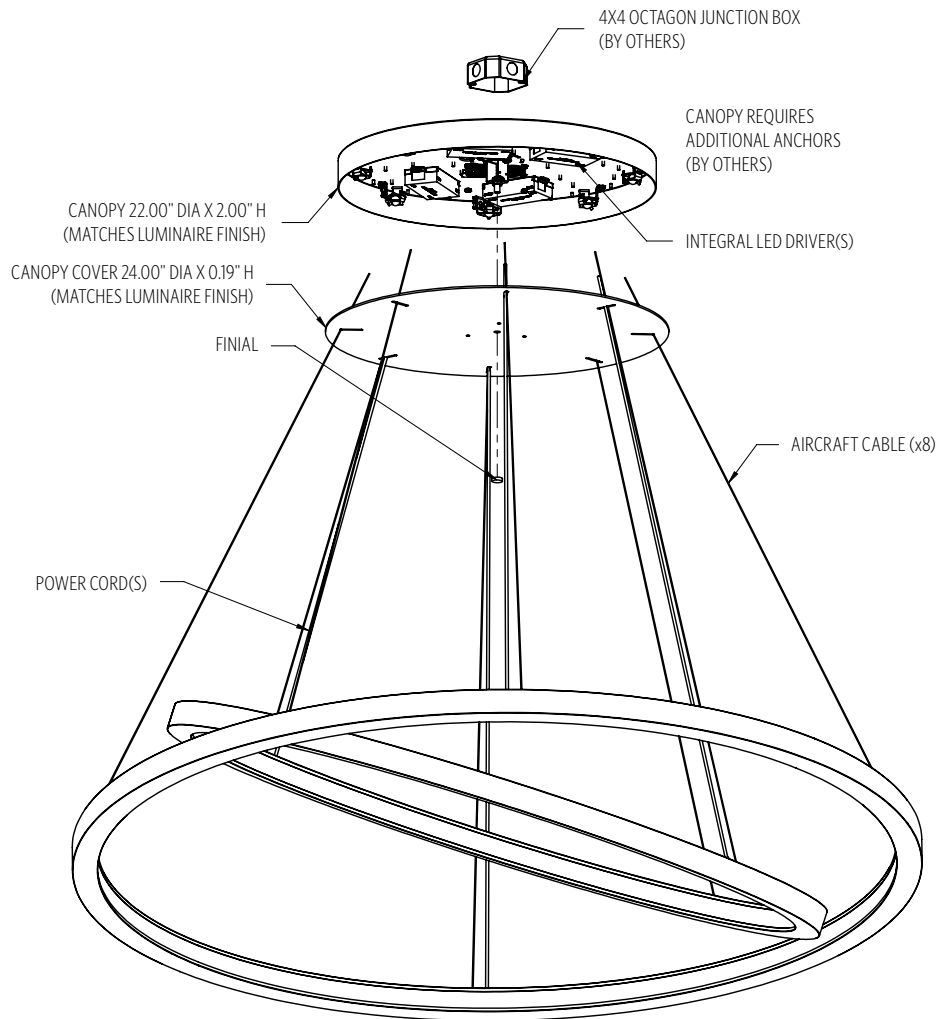
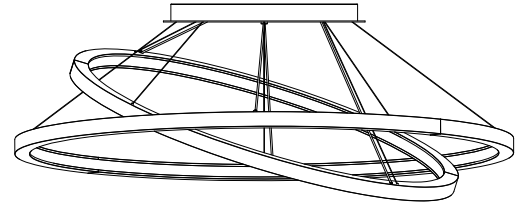
P2DB TWO CLUSTER PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO CANOPY WITH INTEGRAL DRIVER



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.

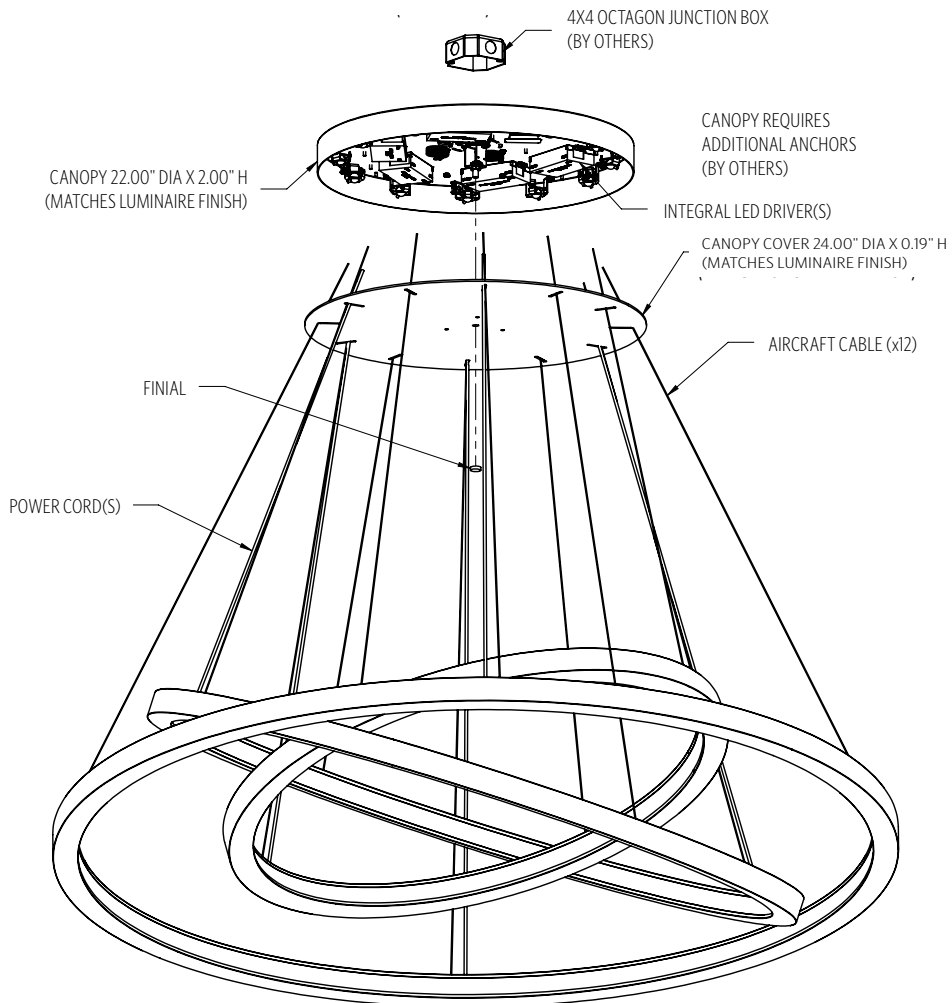
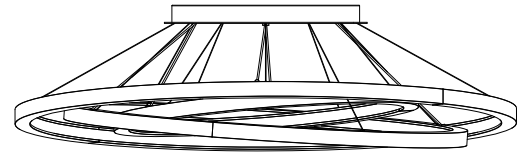
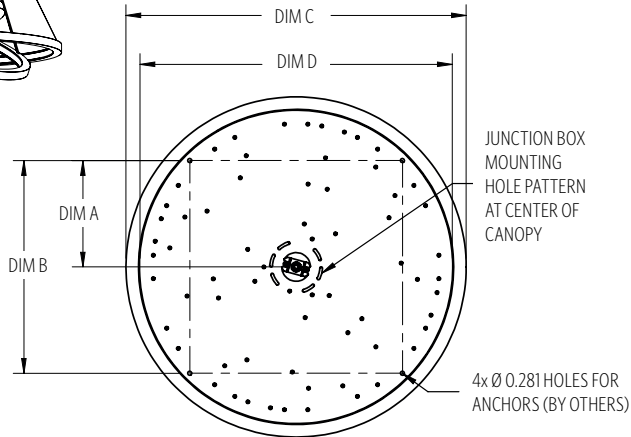
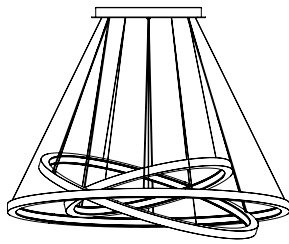


P3DB THREE CLUSTER PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO CANOPY WITH INTEGRAL DRIVER

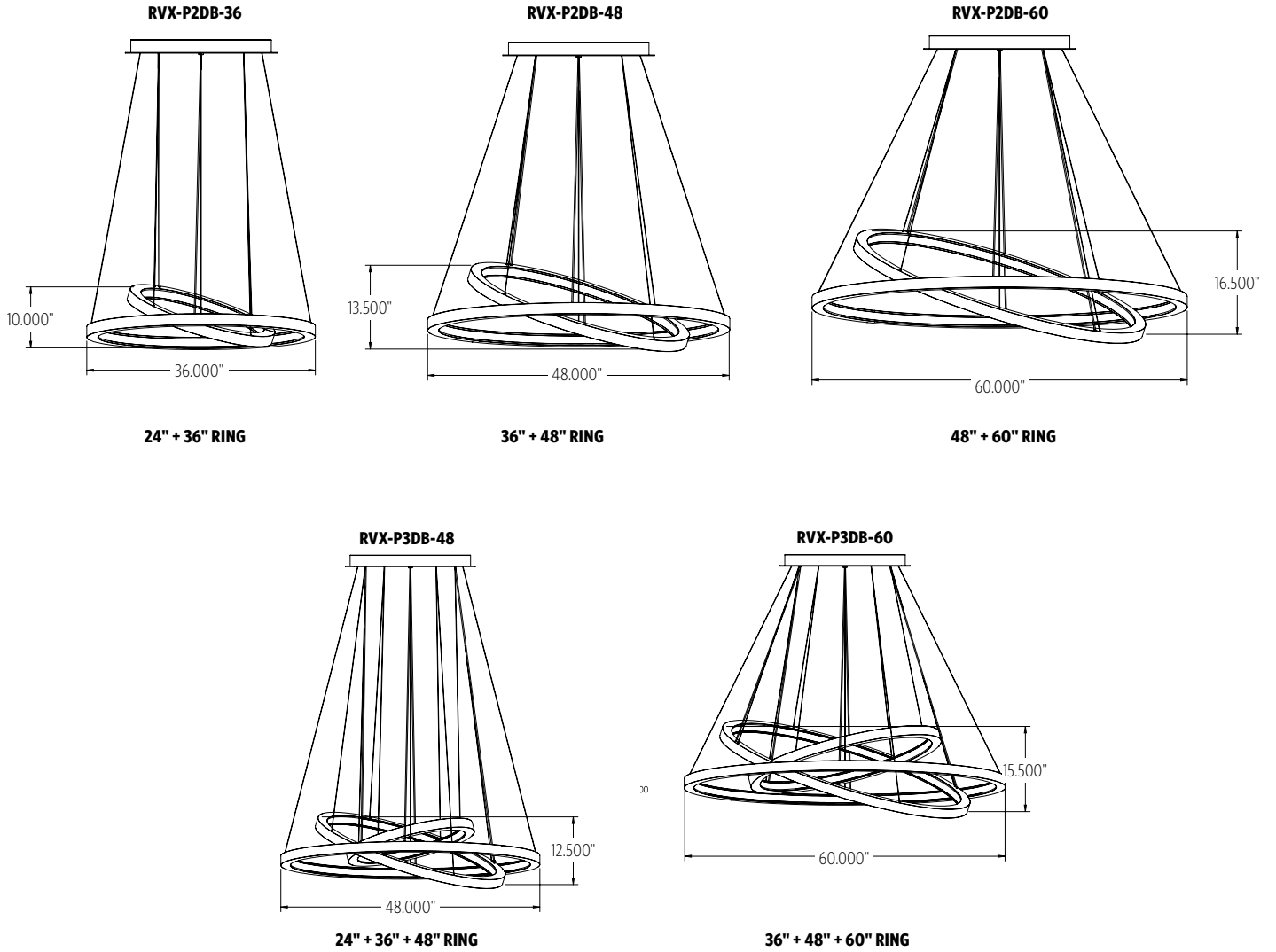
MOUNTING INFORMATION CHART

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

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		RV1					RV2				
		P2DB			P3DB		P2DB			P3DB	
		36"	48"	60"	48"	60"	36"	48"	60"	48"	60"
LED1	LUMENS DELIVERED	2450	3420	4400	4400	5880	2910	4100	5340	5300	7070
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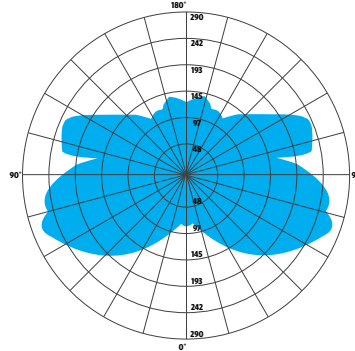
This chart was created for a 35K color temp. Multiply by 0.95 for 27k color temp, 0.97 for 30k color temp, and 1.03 for 40k color temp. Values shown for 80+ CRI. For 90+ CRI lumens use 0.85 multiplier.

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

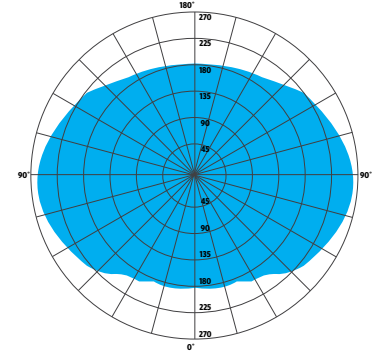
For 80+ CRI - 80 RA, R9 > 0 (10-15 TYP.); For 90+ CRI - 90 RA, R9 > 50

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 RVx-P2DB-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 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

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.