

PROJECT NAME: \_\_\_\_

TYPE:



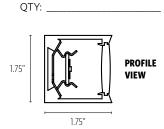
# Stealth<sup>™</sup> Acoustic PENDANT

# FEATURES

- 0.36" (9MM) ACOUSTIC PANEL MITIGATES SOUND REVERBERATION
- UNIQUE ETCHED PANEL DESIGN HIDES SEAM IN LARGER SIZES
- 1.75" MINIMAL SQUARE PROFILE SIZE
- SILICONE DIFFUSER ELIMINATES LIGHT LEAKS AND VISIBLE SEAMS
- FIELD REPLACEABLE LED ARRAYS AND DRIVER(S) FOR SIMPLE MAINTENANCE
- FIXTURES CAN BE CLUSTERED TOGETHER TO CREATE LARGE SCALE INSTALLATIONS
- CUSTOM SIZES, SHAPES, AND CONFIGURATIONS ARE POSSIBLE -

CATALOG CODES

**REFER TO REV SHAPES SPEC SHEET FOR DETAILS** 





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

# SPECIFY CATALOG CODE

A		В		C	D		E
SERIES		HANGING SYSTEM	SI	ZE	DIFFUSER		FINISH
	P1SB	PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO SQUARE CANOPY WITH INTEGRAL DRIVER; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS)	FLAT ACOUSTIC PANEL	ETCHED ACOUSTIC PANEL	MW MATTE WHITE	POWD BKP	<b>ER COAT FINISHES</b> BLACK
STEALTH INNER	P1SC	PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO SQUARE CANOPY; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE	24	24EP		BMP BNP BTP	BRASS METALLIC BRONZE BLACK TEXTURED
2 STEALTH OUTER	P1EM	PENDANT WITH VERTICAL AIRCRAFT CABLES TO SEPARATE MOUNTING POINTS AND POWER CORD TO CANOPY; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE	36 48	36EP 48EP 60EP		GRP GLP MWP	GRAPHITE GOLDTASTIC MATTE WHITE
	P1SA	PENDANT WITH VERTICAL AIRCRAFT CABLES TO SEPARATE MOUNTING POINTS AND POWER CORD TO SQUARE CANOPY WITH INTEGRAL DRIVER; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS)		72EP		SGP SMP SWP	STEEL GRAY SILVER METALLIC SKY WHITE
<b>3</b> STEALTH DOWN	P1PC	POWER OVER CABLE (POC) PENDANT WITH ANGLED CABLES TO CANOPY; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); <u>REMOTE</u> DRIVER ENCLOSURE				WTP	WHITE TEXTURED
	P1PD	<b>POWER OVER CABLE (POC)</b> PENDANT WITH ANGLED CABLES TO CANOPY WITH INTEGRAL DRIVER; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS)				PREMI BAL	IUM METAL FINISHES BRUSHED ALUMINUN

	LIGHT SOURCE		VO	OLTAGE	OAH*		CONTROL				OPTIONS		
LED OUTPUT LED1	COLOR TEMP (80+ CRI)	COLOR TEMP (90+ CRI)	UNV	120-277	48	DM1	0-10V DIMMING 1%	MOD	MODIFIED LUMINA (CONTACT LOCAL		BIOS BIOS SKYBLU DYNAMIC LI		
LED2	27K	927K			100			ACOL	JSTIC COLORS				
	30K	930K						PBK	PURE BLACK	HZW	HAZELWOOD	CRT	CARROT
	35K	935K			144			CHG	CHARCOAL	CFB	CORNFLOWER BLUE	DWT	DEEPWATER
	40K	940K						SLT	SLATE	DNB	DENIM BLUE	PNA	PINEAPPLE
	Ten	,						SDG	SHADOW GRAY	BRD	BRICK RED	LMS	LIMESTONE
								PIC	PEARL ICE	MNB	MIDNIGHT BLUE	EMG	EMERALD GREEN
								CWH	CLASSIC WHITE	DPP	DEEP PURPLE	CNM	CINNAMON
								SLG	SILVER GRAY	BRY	BERRY	BLS	BLUSH
								NTL	NATURAL LINEN	CHR	CHERRY RED	SFM	SEAFOAM
								acoust	ic available in 60" or 72	2" panels a	ble up to 48" as single pa s two panels with center are finished as specified (	seam hid	dden within etched

SAMPLE CODE: SE1-P1EM-36-MW-WTP-LED1/30K-UNV-100-DM1-PBK

\*Ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height

\*\*Contact factory for BIOS SkyBlue® or BIOS SkyBlue® Dynamic light engine and control options. Fixtures with **P1EM** hanging system, canopy will be MWP unless specified.

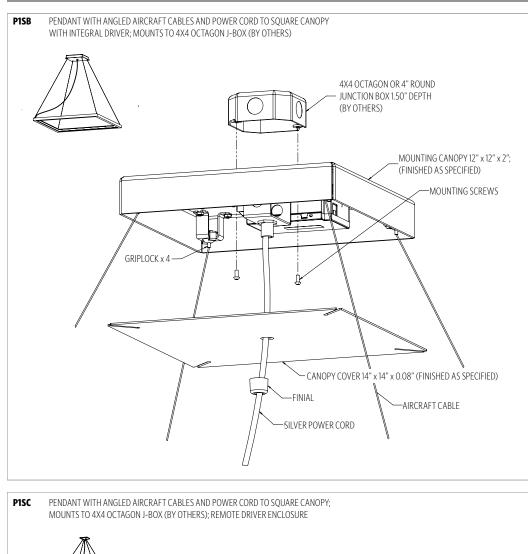
Fixtures with PISB, PISC, PISA, PIPC, and PIPD hanging system, canopy will match finish choice. Power cord silver unless specified.

### **MODS, NOTES, & COMMENTS**

p: 314.863.1895 | f: 314.863.3278 | www.ocl.com A brand of 🛱 legrand

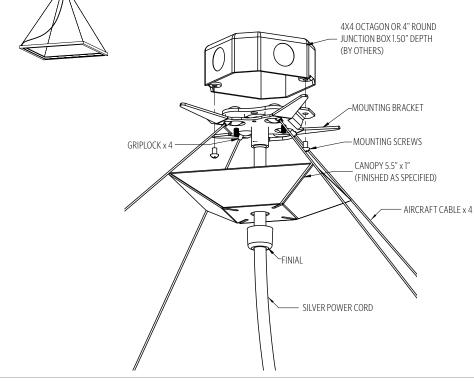
COCL

# HANGING SYSTEM



MOU	NTING INFOR	RMATION C	HART
LUMINAIRE SIZE	LUMINAIRE WEIGHT	MOUNTING POINTS	MIN/MAX OAH
24"	14 LBS	1	8"/144"
36"	20 LBS	1	15"/144"
48"	26 LBS	1	22"/144"
60"	39 LBS	1	26"/144"
72"	48 LBS	1	32"/144"

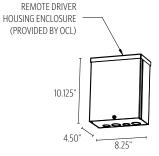
\* PISB ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height. For OAH over 144", contact your local rep

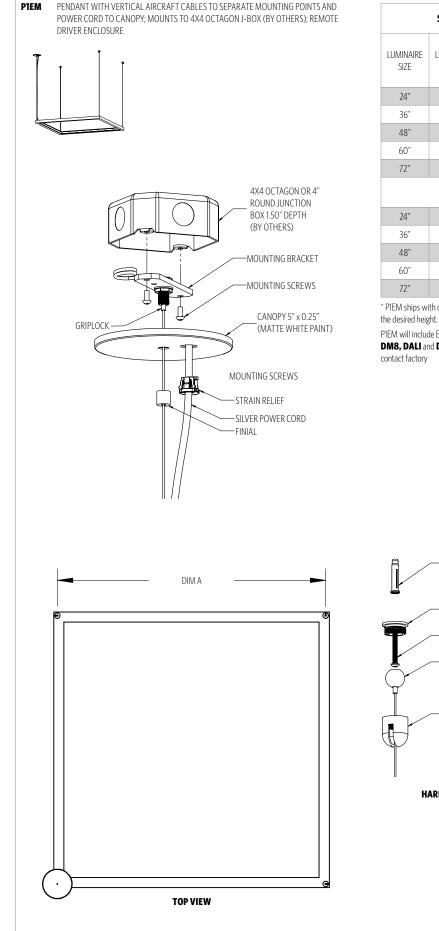


MOU	NTING INFOR	HART	
LUMINAIRE SIZE	LUMINAIRE WEIGHT	MOUNTING POINTS	MIN/MAX OAH
24"	14 LBS	1	10"/144"
36"	20 LBS	1	12"/144"
48"	26 LBS	1	19"/144"
60"	39 LBS	1	38"/144"
72"	48 LBS	1	46"/144"

 $^{*}$  PISC ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height. For OAH over 144", contact your local rep .

PISC will include ETL listed enclosure for remote mounting drivers. Max 30' distance from luminaire for **DM1**, **DM8**, **DALI** and **DMX**. Enclosure must remain accessible after installation. For **RGBW** remote box distance, contact your local rep





STATIC WHITE AND TWH1 MOUNTING INFORMATION CHART

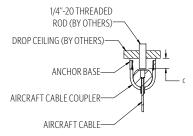
LUMINAIRE SIZE	LUMINAIRE WEIGHT	SE1 MOUNTING DISTANCE DIM A	SE2 MOUNTING DISTANCE DIM A	SE3 Mounting Distance Dim A	Mounting Points	MIN/MAX OAH
24"	14 LBS	22.375	21.25	22.063	4	5"/144"
36"	20 LBS	34.375	33.25	34.063	4	5"/144"
48"	26 LBS	46.375	45.25	46.063	4	5"/144"
60"	39 LBS	58.375	57.25	58.063	4	5"/144"
72"	48 LBS	70.375	69.25	70.063	4	5"/144"

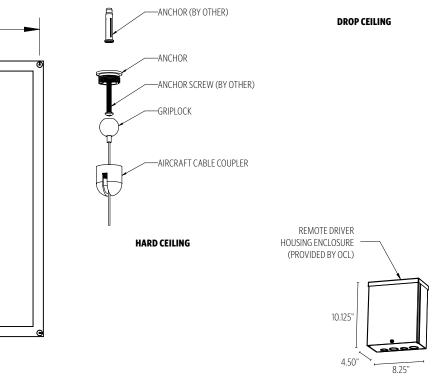
# **RGBW MOUNTING INFORMATION CHART**

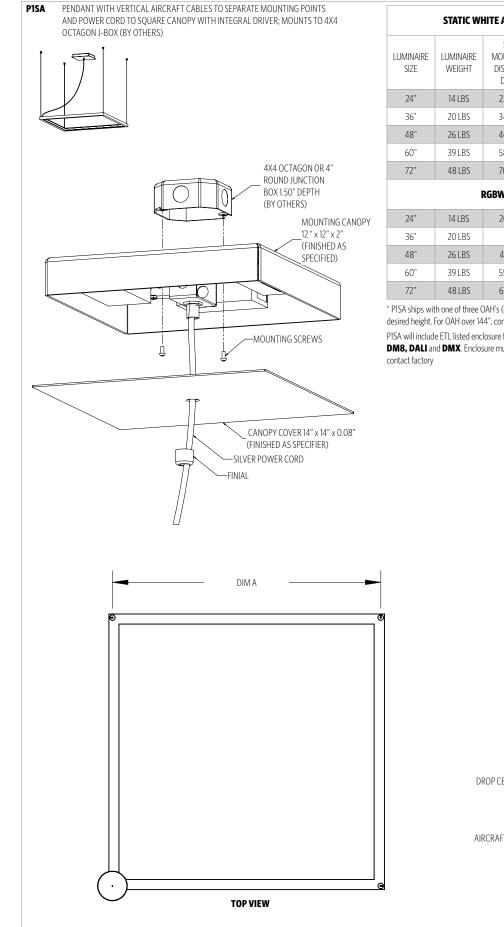
24"	14 LBS	20.188	18.938	19.75	4	5"/144"
36"	20 LBS	32	30.75	31.563	4	5"/144"
48"	26 LBS	43.813	42.563	43.375	4	5"/144"
60"	39 LBS	55.563	54.375	55.188	4	5"/144"
72"	48 LBS	67.438	66.188	67	4	5"/144"

 $^{*}$  PIEM ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height. For OAH over 144", contact your local rep

PIEM will include ETL listed enclosure for remote mounting drivers. Max 30' distance from luminaire for **DM1**, **DM8**, **DALI** and **DMX**. Enclosure must remain accessible after installation. For **RGBW** remote box distance, contact factory







STATIC WHITE AND TWH1 MOUNTING INFORMATION CHART

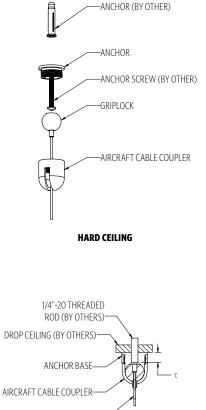
LUMINAIRE SIZE	LUMINAIRE WEIGHT	SE1 MOUNTING DISTANCE DIM A	SE2 MOUNTING DISTANCE DIM A	SE3 MOUNTING DISTANCE DIM A	Mounting Points	MIN/MAX OAH
24"	14 LBS	22.375	21.25	22.063	4	5"/144"
36"	20 LBS	34.375	33.25	34.063	4	5"/144"
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# **RGBW MOUNTING INFORMATION CHART**

24"	14 LBS	20.188	18.938	19.75	4	5"/144"
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72"	48 LBS	67.438	66.188	67	4	5"/144"

\* PISA ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height. For OAH over 144", contact your local rep

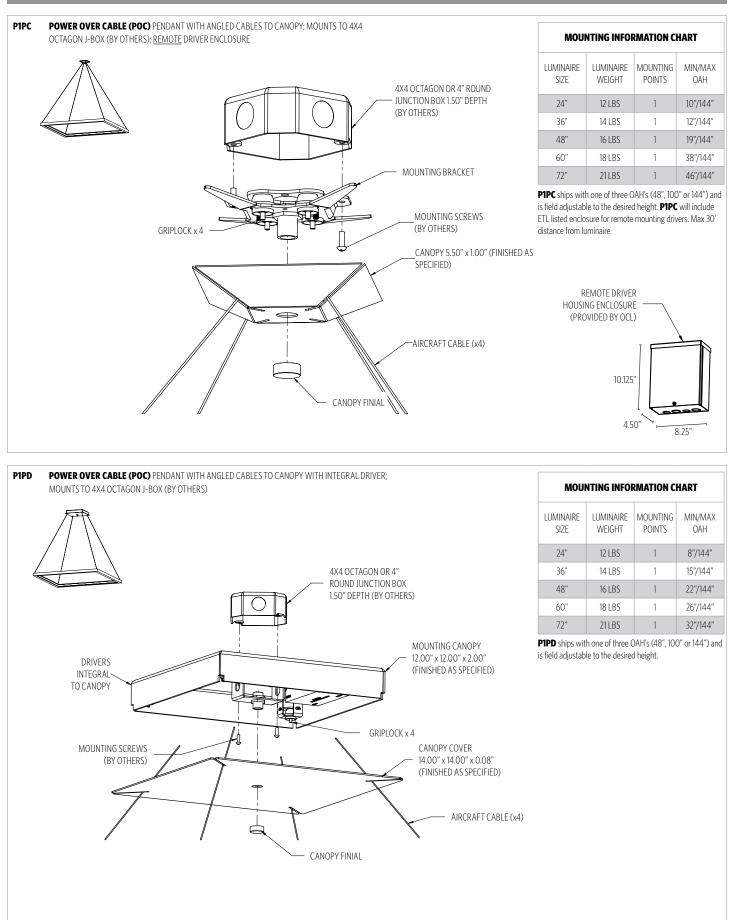
PISA will include ETL listed enclosure for remote mounting drivers. Max 30' distance from luminaire for **DM1**, **DM8**, **DALI** and **DMX**. Enclosure must remain accessible after installation. For **RGBW** remote box distance, contact factory

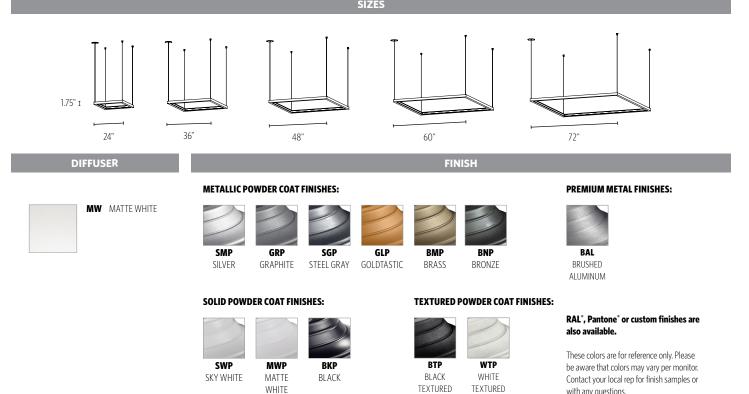


AIRCRAFT CABLE

COCL

# HANGING SYSTEM





ACOUSTIC

WHITE

# ACOUSTIC COLORS:

PBK PURE BLACK	CHG	SLT	SDG	PIC	СМН
PURE BLACK	CHARCOAL	SLATE	SHADOW GRAY	PEARL ICE	CLASSIC WHITE
SLG SILVER GRAY	NTL NATURAL LINEN	HZW HAZELWOOD	CFB CORNFLOWER BLUE	DMB DENIM BLUE	BRD Brick red
MNB Midnight Blue	DPP DEEP PURPLE	BRY BERRY	CHR CHERRY RED	CRT CARROT	DWT DEEPWATER
<b>PNA</b> PINEAPPLE	LMS Limestone	EMG Emerald Green	CNM CINNAMON	BLS Blush	SFM Seafoam

### ABOUT OUR ACOUSTIC PANELS

Flat and Etched acoustic available up to 48" as single panel with no seam. Etched acoustic available in 60" or 72" panels as two panels with center seam hidden within etched pattern and additional bracketry hardware finished as specified (shown below).

NOTE: Visibility of seams & etching can vary by color selection.



FLAT PANEL

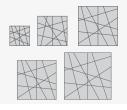






with any questions.

ETCHED PANEL



**PATTERN DETAIL** 

# LIGHT SOURCE

		SE1 ACOUSTIC				
		24″	36″	48″	60″	72″
LED1	LUMENS DELIVERED	1170	1755	2385	3015	3600
LEDI	SYSTEM WATTAGE	26	39	53	67	80
	LUMENS DELIVERED	1890	2925	3645	4995	6030
LED2	SYSTEM WATTAGE	42	65	81	111	134

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

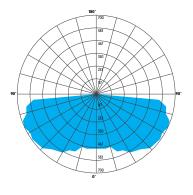
	% OF LUMINAIRE
ZONE	SE1 AC
0-30	12%
0-60	52%
0-90	100%
90-180	0%
0-180	100%

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.

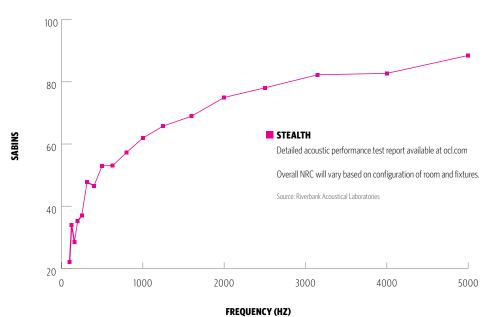
# PHOTOMETRY:

LUMINAIRE:	SE1-P1EM-48-MW-PTD-LED2_35K-UNV-48
COLOR TEMP #:	3500K
TEST REPORT:	TEST NO. 20860.0; 20861.0; 20862.0

For all available IES files, please visit our website at ocl.com.



# ACOUSTICAL TESTING



# STEALTH ACOUSTIC PERFORMANCE (4 UNITS):

#### 0-10V DIMMING 1% DM1

- 0-10V DIMMING PROTOCOL
- 1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR >0.9
- THD <20%</li>
- MINIMUM AMBIENT OPERATING
- TEMPERATURE -31°F
- LINEAR DIMMING CURVE FIELD REPLACEABLE
- . POWER FACTOR >0.9 THD <20% .

PROTOCOL

DALI

.

MINIMUM AMBIENT OPERATING **TEMPERATURE -4°E** LOGARITHMIC DIMMING CURVE

DALI CONTROL SYSTEM,

**DIMMABLE 0.1%** 

0.1% MINIMUM DIM LEVEL

ELECTRONIC DRIVER

DALL-2 DEVICE TYPE 6 CONTROL

[DEFAULT] FIELD REPLACEABLE

#### DMX DMX CONTROL DIMMABLE TO 0.1%

- DMX/RDM DIMMING PROTOCOL
- 0.1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR >0.9
- THD <20%</li>
- MINIMUM AMBIENT OPERATING TEMPERATURE -4°F
- LOGARITHMIC DIMMING CURVE [DEFAULT]
- FIELD REPLACEABLE

#### **DUAL 0-10V DIMMING 0.1%** DM8

- 0-10V DIMMING PROTOCOL
- 0.1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR > 0.9
- THD <20%
- MINIMUM AMBIENT OPERATING
- **TEMPERATURE -4°F** LOGARITHMIC DIMMING CURVE [DEFAULT]
- FIELD REPLACEABLE

**BIOS** SKYBLUE<sup>™</sup> DYNAMIC LIGHT ENGINE IS DIMMABLE

WHEN PAIRED WITH THE BIOS BIO-DIMMING MODULE,

IT OPERATES USING ANY SINGLE CHANNEL CONSTANT

AND FEATURES A SIMPLE APPROACH TO CIRCADIAN

- **MODIFIED LUMINAIRE** MOD
- LUMINAIRE IS MODIFIED FROM STANDARD OPTIONS; CONTACT LOCAL REP FOR MORE INFORMATION

# **ACOUSTIC PANEL**

- AFFIXED ACOUSTIC PANEL AIDS IN THE REDUCTION OF SOUND REFLECTIONS, REVERBERATION, AND ECHO
- ASTM E-84 CLASS A / CAN ULC S102 FLAME SPREAD: 0 | SMOKE **DEVELOPMENT INDEX: 300**
- 0.36" (9MM) 100% POLYESTER FIBER PANEL WITH A MINIMUM 50% POST-CONSUMER RECYCLED MATERIAL (PET)

**OPTIONS** 

- ACOUSTIC PERFORMANCE (ASTM C423) TEST REPORT AVAILABLE AT OCL.COM
- VARIATIONS IN FIBER MIX AND COLOR MAY OCCUR. ALL PRODUCTS WILL BE SUPPLIED WITHIN COMMERCIAL TOI FRANCES
- CARE & CLEANING: REMOVE DUST AND DEBRIS WITH A CLEAN, SOFT, LINT-FREE CLOTH OR VACUUM

### SPECIFICATIONS

### CONSTRUCTION

- HOUSING IS EXTRUDED AND WELDED ALUMINUM
- HOUSING CORNERS ARE FULLY WELDED AND GROUND SMOOTH
- DIFFUSER IS EXTRUDED SILICONE
- CANOPY IS FORMED ALUMINUM
- HARDWARE IS ZINC PLATED OR STAINLESS STEEL

### MOUNTING

PISB, PISC, PISA, & PIEM ALL MOUNT TO 4X4" OCTAGON OR 4" ROUND J-BOX (BY OTHER)

# ELECTRICAL

- DIMMING ELECTRONIC DRIVER(S), COMES STANDARD WITH 0-10V DOWN TO 1% (STATIC WHITE)
- OCL PROPRIETARY LED ARRAYS USE NICHIA 757 DIODES (STATIC WHITE)
- FOR INTEGRAL DRIVERS: LUMINAIRE CONNECTS TO BUILDING SUPPLY (120V-277V 50/60HZ)
- FOR REMOTE DRIVERS: LUMINAIRE WIRE LEADS ARE LOW-VOLTAGE THE WIRES SHOULD BE CONNECTED TO OCL PROVIDED REMOTE DRIVER ENCLOSURE ONLY!

# LISTING

ETL LISTED TO UL 1598/2108 FOR DRY LOCATIONS, DAMP LOCATION LISTED IS OPTION

### WARRANTY

5 YEAR: ALL ELECTRICAL COMPONENTS RETAIN THE MANUFACTURER'S WARRANTY

# **COMMON MODIFICATIONS**

### WF'RF BUILT FOR OUT-OF-THF-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.



### 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.

BIOS

LIGHTING CONTROLS

VISIT OCL.COM/BIOS FOR MORE INFORMATION

# **BUILD AMERICA, BUY AMERICA (BABA)**

THIS PRODUCT MEETS THE GUILDELINES 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 LO3 UNDER THE WELL BUILDING STANDARD V2

