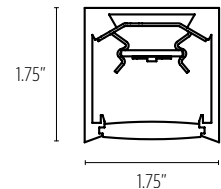# Stealth™ Acoustic
TUNABLE WHITE/RGBW PENDANT

1.75"

1.75"

PROFILE VIEW

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

RoHS · TUNABLE WHITE OPTION AVAILABLE · RGBW OPTION AVAILABLE · ACOUSTIC SOLUTION

MADE IN USA · cETLus

CATALOG CODES

A	-	B	-	C	MW	-	E	-	F	-	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
SE1 STEALTH INNER **SE2** STEALTH OUTER **SE3** STEALTH DOWN	**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 **P1SC** PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO SQUARE CANOPY; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE		**FLAT ACOUSTIC PANEL** 24 36 48	**ETCHED ACOUSTIC PANEL** 24EP 36EP 48EP 60EP 72EP	**MW** MATTE WHITE	**POWDER COAT FINISHES** **BKP** BLACK **BMP** BRASS METALLIC **BNP** BRONZE **BTP** BLACK TEXTURED **GRP** GRAPHITE **GLP** GOLDTASTIC **MWP** MATTE WHITE **SGP** STEEL GRAY **SMP** SILVER METALLIC **SWP** SKY WHITE **WTP** WHITE TEXTURED **PREMIUM METAL FINISHES** **BAL** BRUSHED ALUMINUM

F		G	H	I	J
LIGHT SOURCE		VOLTAGE	OAH*	CONTROL	OPTIONS
LED OUTPUT **TWH1** **RGBW**	TUNABLE WHITE 2700K - 6500K CRI=90+ R9=50+ RGBW	**UNV** 120-277	48 100 144	**DM8** DUAL 0-10V DIMMABLE TO 0.1% **DALI** DALI TYPE 8 CONTROL SYSTEM, DIMMABLE TO 0.1% **DMX** DMX CONTROL; DIMMABLE TO 0.1%	**MOD** MODIFIED LUMINAIRE (CONTACT LOCAL REP) **ACOUSTIC COLORS**

ACOUSTIC COLORS

PBK PURE BLACK	**HZW** HAZELWOOD	**CRT** CARROT
CHG CHARCOAL	**CFB** CORNFLOWER BLUE	**DWT** DEEPWATER
SLT SLATE	**DNB** DENIM BLUE	**PNA** PINEAPPLE
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

NOTE: 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).

SAMPLE CODE: SE1-P1EM-36-MW-WTP-TWH1-UNV-100-DM8-PBK

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

Fixtures with **P1EM** hanging system, canopy will be MWP unless specified.

Fixtures with **P1SC** hanging system, canopy will match finish choice.

Power cord silver unless specified.

MODS, NOTES, & COMMENTS

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
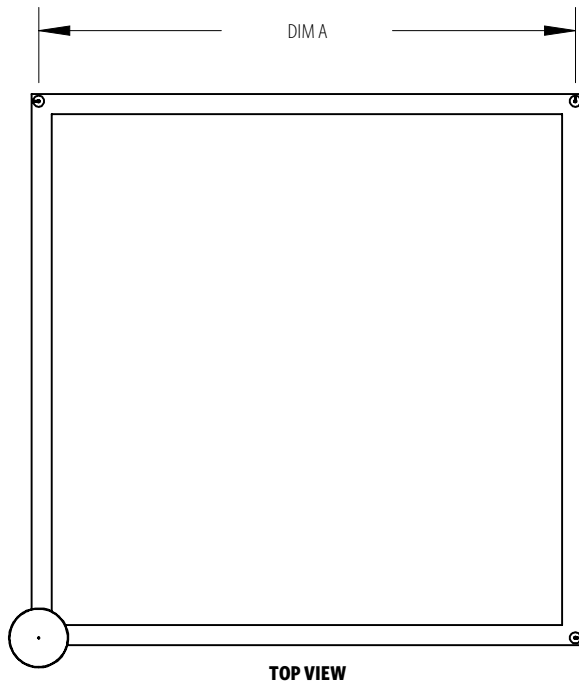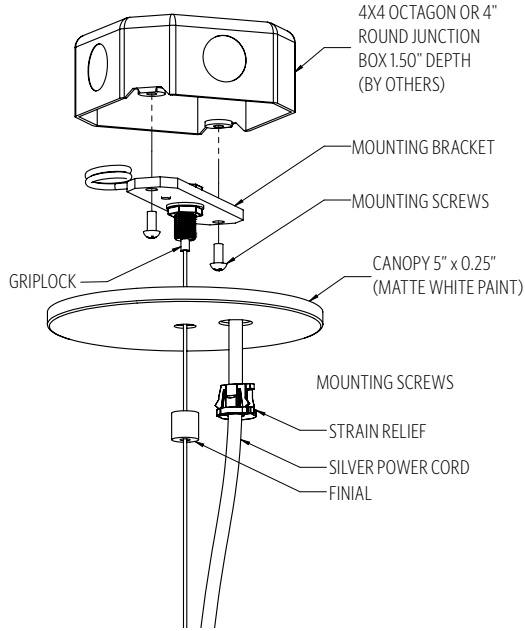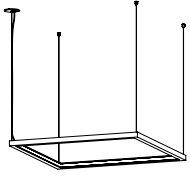
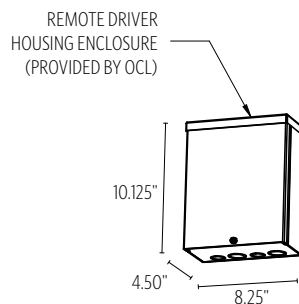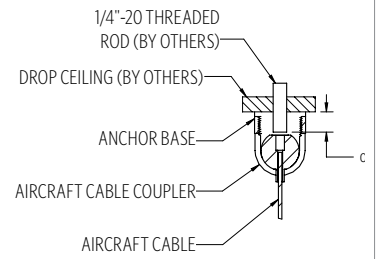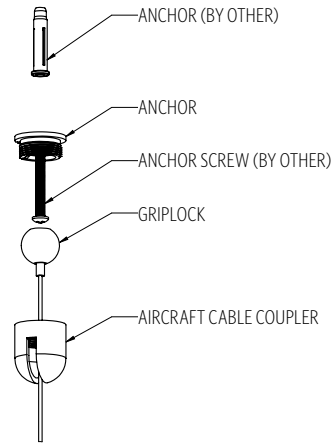### TUNABLE WHITE MOUNTING INFORMATION CHART

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"	7 LBS	22.375	21.25	22.063	4	5"/144"
36"	12 LBS	34.375	33.25	34.063	4	5"/144"
48"	18 LBS	46.375	45.25	46.063	4	5"/144"
60"	22 LBS	58.375	57.25	58.063	4	5"/144"
72"	26 LBS	70.375	69.25	70.063	4	5"/144"

RGBW 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"	7 LBS	20.188	18.938	19.75	4	5"/144"
36"	12 LBS	32	30.75	31.563	4	5"/144"
48"	18 LBS	43.813	42.563	43.375	4	5"/144"
60"	22 LBS	55.563	54.375	55.188	4	5"/144"
72"	26 LBS	67.438	66.188	67	4	5"/144"

P1EM 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

P1EM will include ETL listed enclosure for remote mounting drivers. For **TWH1** and **RGBW** remote box distance, refer to the chart below

4X4 OCTAGON OR 4" ROUND JUNCTION BOX 1.50" DEPTH (BY OTHERS)

MOUNTING BRACKET

MOUNTING SCREWS

GRIPLOCK

CANOPY 5" x 0.25" (MATTE WHITE PAINT)

MOUNTING SCREWS

STRAIN RELIEF

SILVER POWER CORD

FINIAL

ANCHOR (BY OTHER)

ANCHOR

ANCHOR SCREW (BY OTHER)

GRIPLOCK

AIRCRAFT CABLE COUPLER

HARD CEILING

1/4"-20 THREADED ROD (BY OTHERS)

DROP CEILING (BY OTHERS)

ANCHOR BASE

AIRCRAFT CABLE COUPLER

AIRCRAFT CABLE

c

DROP CEILING

DIM A

TOP VIEW

REMOTE DRIVER HOUSING ENCLOSURE (PROVIDED BY OCL)

10.125"

4.50"

8.25"

MAX WIRE LENGTH FROM DRIVER REMOTE BOX TO LUMINAIRE

AWG* VALUE	20	10	18	17	16
DISTANCE (m)	14	18	22	28	36
DISTANCE (ft)	46	59	72	92	118

*American Wire Gauge (AWG) is the standard way to denote cross-directional diameter of individual wire in North America.

Please observe voltage drops over long wire length; Longer wire lengths increase EMI susceptibility.

P1SC PENDANT WITH ANGLED AIRCRAFT CABLES AND POWER CORD TO SQUARE CANOPY; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE

4X4 OCTAGON OR 4" ROUND JUNCTION BOX 1.50" DEPTH (BY OTHERS)

MOUNTING BRACKET

GRIPLOCK x 4

MOUNTING SCREWS

CANOPY 5.5" x 1" (FINISHED AS SPECIFIED)

AIRCRAFT CABLE x 4

REMOTE DRIVER HOUSING ENCLOSURE (PROVIDED BY OCL)

FINIAL

SILVER POWER CORD

10.125"
4.50"
8.25"
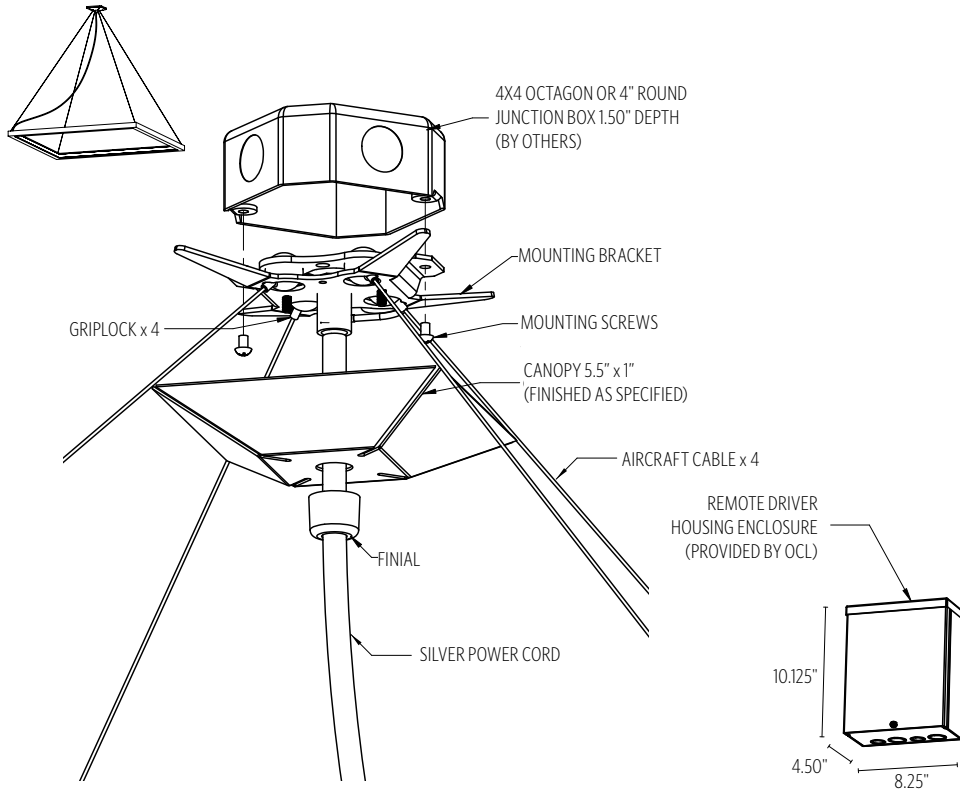
MOUNTING INFORMATION CHART

LUMINAIRE SIZE	LUMINAIRE WEIGHT	MOUNTING POINTS	MIN/MAX OAH
24"	12 LBS	1	10"/144"
36"	14 LBS	1	12"/144"
48"	16 LBS	1	19"/144"
60"	18 LBS	1	38"/144"
72"	21 LBS	1	46"/144"

P1SC ships with one of three OAH's (48", 100" or 144") and is field adjustable to the desired height. **P1SC** will include ETL listed enclosure for remote mounting drivers. Max 30' distance from luminaire for **DM8, DALI** or **DMX**. Enclosure must remain accessible after installation. For **RGBW** remote box distance, contact factory
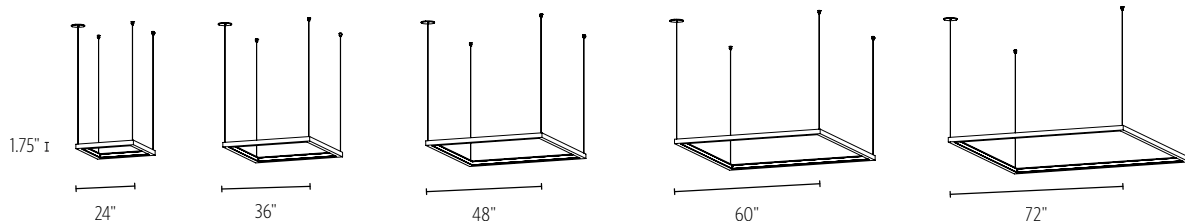
MAX WIRE LENGTH FROM DRIVER REMOTE BOX TO LUMINAIRE

AWG* VALUE	20	10	18	17	16
DISTANCE (m)	14	18	22	28	36
DISTANCE (ft)	46	59	72	92	118

*American Wire Gauge (AWG) is the standard way to denote cross-directional diameter of individual wire in North America.

Please observe voltage drops over long wire length; Longer wire lengths increase EMI susceptibility.

1.75"

24" 36" 48" 60" 72"

MW MATTE WHITE

METALLIC 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.

ACOUSTIC COLORS:

PBK PURE BLACK	**CHG** CHARCOAL	**SLT** SLATE
SDG SHADOW GRAY	**PIC** PEARL ICE	**CWH** 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
PNA 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).

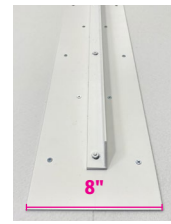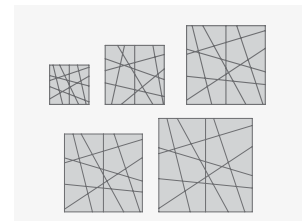**NOTE:** Visibility of seams & etching can vary by color selection.

FLAT PANEL

ETCHED PANEL

0.156"

SEAM DETAIL

8"
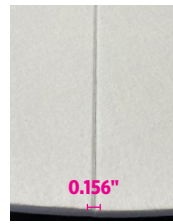
HARDWARE DETAIL (60" & 72" ONLY)

PATTERN DETAIL

LIGHT SOURCE

		SE1					SE2					SE3				
		24"	**36"**	**48"**	**60"**	**72"**	**24"**	**36"**	**48"**	**60"**	**72"**	**24"**	**36"**	**48"**	**60"**	**72"**
TWH1	LUMENS DELIVERED	-	-	-	-	-										
	SYSTEM WATTAGE	17	27	36	45	54										
RGBW	LUMENS DELIVERED	272	424	568	720	872										
	SYSTEM WATTAGE	34	53	71	90	109										

LUMEN & WATTAGE DATA PENDING TESTING

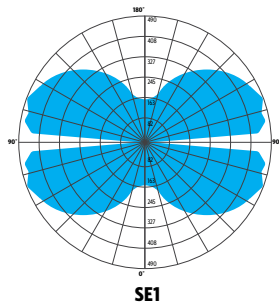Wattage and lumen data for **TWH1** and **RGBW** approx. pending LM-79 testing.

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.

STANDARD COLOR TEMPERATURE OPTIONS	CRI (RA)
TWH1	90+
RGBW	N/A

For 90+ CRI - 90 RA, R9 > 50

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

SE1

STEALTH ACOUSTIC PERFORMANCE (4 UNITS):

■ **STEALTH**

Detailed acoustic performance test report available at ocl.com

Overall NRC will vary based on configuration of room and fixtures.

Source: Riverbank Acoustical Laboratories

(y-axis) SABINS

(x-axis) FREQUENCY (HZ)
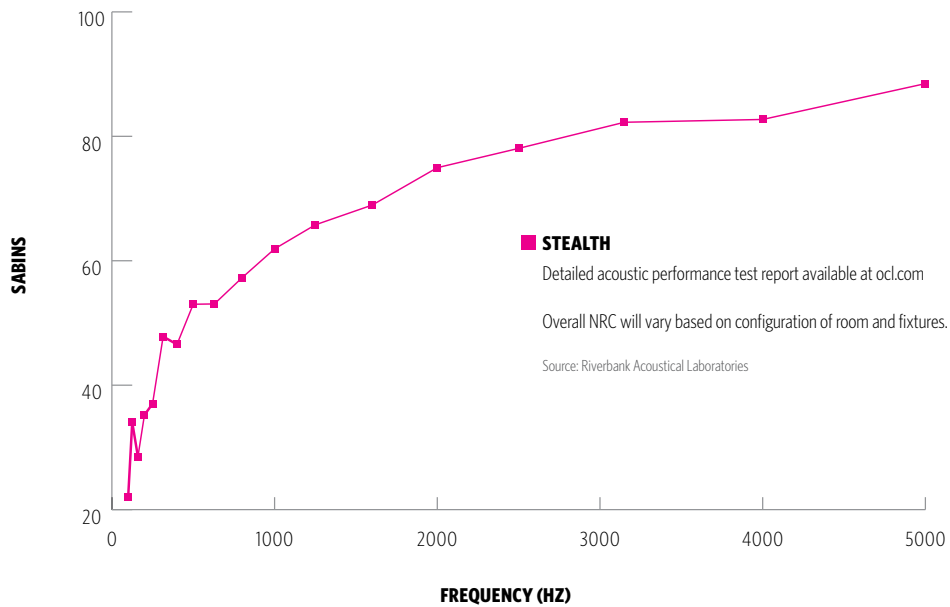
CONTROL

DALI   DALI CONTROL SYSTEM, DIMMABLE 0.1%

- DALI-2 DEVICE TYPE 6 CONTROL 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

DMX   DMX CONTROL DIMMABLE TO 0.1%

- DMX/RDM 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

DM8   DUAL 0-10V DIMMING 0.1%

- 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

OPTIONS

MOD   MODIFIED LUMINAIRE

- 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)
- 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 TOLERANCES
- **CARE & CLEANING:** REMOVE DUST AND DEBRIS WITH A CLEAN, SOFT, LINT-FREE CLOTH OR VACUUM

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

- **P1SC** AND **P1EM** 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

SUSTAINABILITY

- THIS PRODUCT MEETS THE MATERIAL RESTRICTIONS OF ARTICLE 4 OF THE **ROHS** DIRECTIVE (2011/65/EU), INCLUDING COMMISSION DELEGATED DIRECTIVE 2015/863

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