sixteen5hundred

Project 21-12877-3 Date 6/25/2021	Catalog Number	Type
RGB/W | Saturated Color	KW2 P1FG 36 MW PBK RGBW WF LED1 27K 144 DMX	
Submitted By		
16500, INC	Notes	

OCL
ARCHITECTURAL LIGHTING

PROJECT NAME: _____   TYPE: _____

QTY: _____

Kwyet™
PENDANT

ACOUSTIC SOLUTION   TUNABLE WHITE OPTION AVAILABLE   RGBW OPTION AVAILABLE

FEATURES

- **AVAILABLE WITH TUNABLE WHITE AND RGBW LIGHT SOURCES**
- COMBINATION OF OUR TUBIE™ LUMINAIRE AND SOUND ABSORBING 9MM ACOUSTIC FINS
- 36" DIAMETER WITH CONE, ANGLE, AND ELLIPSE SHAPES
- EVENLY ILLUMINATED ARCHITECTURAL CYLINDER WITH CAST ALUMINUM END CAPS
- FULLY ENCLOSED TO MINIMIZE ACCUMULATION OF DUST AND DEBRIS
- HIGH QUALITY DIE-CAST AND EXTRUDED CONSTRUCTION
- FROSTED WHITE ACRYLIC DIFFUSER
- CHOICE OF PERFORMANCE COB DOWNLIGHT
- FIXTURE CAN BE CLUSTERED TOGETHER TO CREATE LARGE SCALE ARRAYS; CUSTOM SHAPES AND SIZES POSSIBLE

MADE IN USA   ETL c us

CATALOG CODES

A	-	B	-	**36**	-	**MW**	-	E	-	/	-	G	/	/	-	**UNV**	-	J	-	K	-	L
SERIES		HANGING SYSTEM		SIZE		DIFFUSER		ACOUSTIC COLOR		LIGHT SOURCE: BODY		REFLECTOR		LIGHT SOURCE: DOWNLIGHT		VOLTAGE		OAH		CONTROL		OPTIONS

SPECIFY CATALOG CODE

A	B	C	D	E	
SERIES	**HANGING SYSTEM**	**SIZE**	**DIFFUSER**	**ACOUSTIC COLORS**	
KW1 ANGLE KW2 CONE KW3 ELLIPSE	**STATIC WHITE SURFACE MOUNT** **P1FK** PENDANT WITH 5.75" SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); INTEGRAL DRIVERS; **NOTE:** STATIC WHITE WITH NO DOWNLIGHT (**ND**) **P1FF** PENDANT WITH 8" SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); INTEGRAL DRIVERS; **NOTE:** STATIC WHITE WITH DOWNLIGHT **STATIC WHITE, TUNABLE WHITE, OR RGBW FLAT CANOPY MOUNT** **P1FG** PENDANT WITH 5" FLAT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE	**36**	**MW** MATTE WHITE	**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 **DNB** DENIM BLUE **BRD** BRICK RED **MNB** MIDNIGHT BLUE	**DPP** DEEP PURPLE **BRY** BERRY **CHR** CHERRY RED **CRT** CARROT **DWT** DEEPWATER **PNA** PINEAPPLE **LMG** LIME GREEN **LMS** LIMESTONE **EMG** EMERALD GREEN **CNM** CINNAMON **BLS** BLUSH **SFM** SEAFOAM

F		G	H		I	J	K		L	
LIGHT SOURCE: BODY*		**REFLECTOR**	**LIGHT SOURCE: DOWNLIGHT**		**VOLTAGE**	**CORD & CABLE LENGTH****	**CONTROL**		**OPTIONS**	
LED OUTPUT LED1 LED2	**COLOR TEMP** **27K** **30K** **35K** **40K**	**ND** NO DOWNLIGHT **NF** NARROW FLOOD [25 DEGREE] **WF** WIDE FLOOD [60 DEGREE]	**LED OUTPUT** LED1	**COLOR TEMP** **27K** **30K** **35K** **40K**	**UNV** 120-277	**48** **100** **144**	**DM1** 0-10V DIMMING 1%		**MOD** MODIFIED LUMINAIRE (CONTACT LOCAL REP)	
TWH1	TUNABLE WHITE 2700K - 6500K CRI 90+; R9 50+						**DM8** DUAL 0-10V DIMMABLE TO 0.1% **DALI** DALI TYPE 6 CONTROL SYSTEM, DIMMABLE TO 0.1%			
RGBW	RGBW						**DMX** DMX CONTROL; DIMMABLE TO 0.1%			

SAMPLE CODE (WITH DOWNLIGHT): KW1-P1FF-36-MW-CHG-LED1/27K-NF-LED1/27K-UNV-100-DM1
SAMPLE CODE (WITHOUT DOWNLIGHT): KW1-P1FK-36-MW-CHG-LED1/27K-ND-UNV-100-DM1

RoHS — This product meets the material restrictions of Article 4 of the RoHS Directive (2011/65/EU), including Commission Delegated Directive 2015/863

*Body and canopy finish white textured paint (**WTP**) standard; power cord white unless specified; additional colors possible; contact your local rep for availability and lead times

**For minimum CCL, see hanging systems details. Fixture will ship with one of three standard CCL's (48", 100" or 144") field adjustable to the desired height
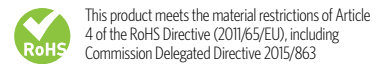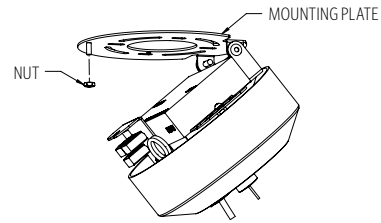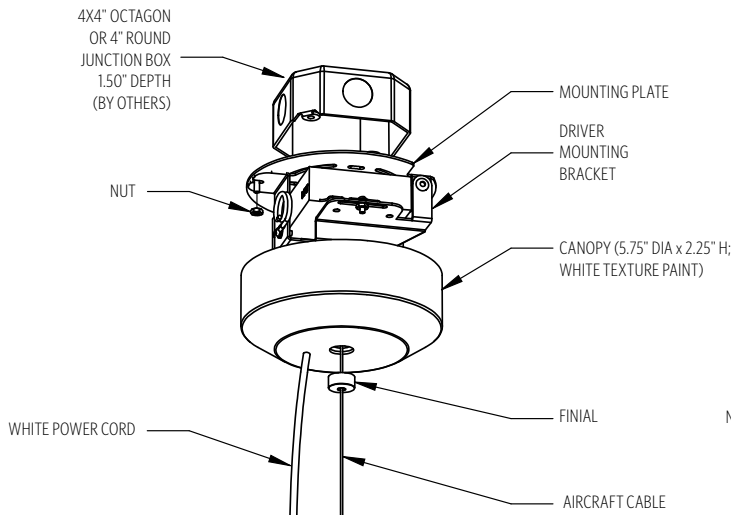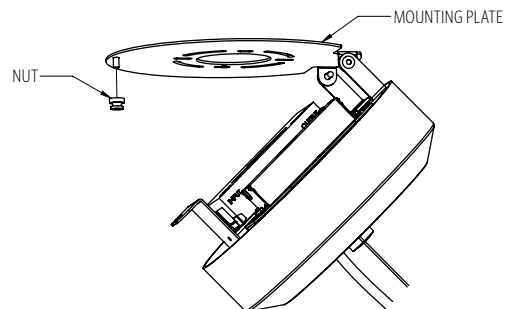
MODS, NOTES, & COMMENTS

HANGING SYSTEM

P1FK PENDANT WITH 5.75" SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); INTEGRAL DRIVER; **NOTE**: STATIC WHITE WITH NO DOWNLIGHT

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

MOUNTING PLATE

DRIVER MOUNTING BRACKET

NUT

CANOPY (5.75" DIA x 2.25" H; WHITE TEXTURE PAINT)

FINIAL

NUT

MOUNTING PLATE

WHITE POWER CORD

AIRCRAFT CABLE

MOUNTING INFORMATION CHART

SERIES	LUMINAIRE SIZE	LUMINAIRE WEIGHT	MIN/MAX OAH
KW1	36	9 LBS	32/166"
KW2	36	10 LBS	32/166"
KW3	36	9LBS	32/166"

P1FK ships with one of three CCL's (48", 100" or 144") and is field adjustable to the desired height.
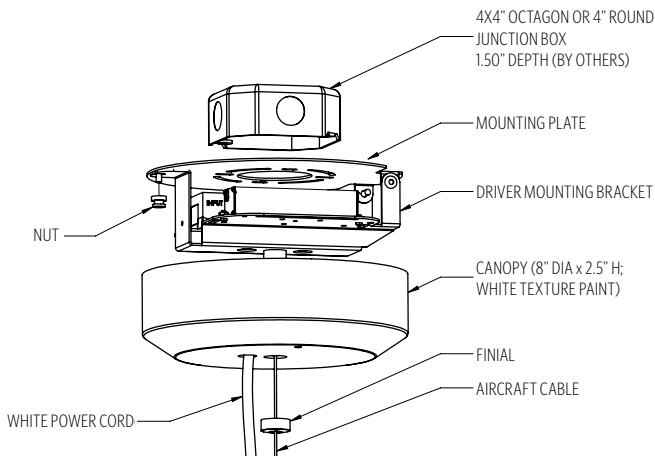

P1FF PENDANT WITH 8" SURFACE MOUNT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); INTEGRAL DRIVERS; **NOTE:** STATIC WHITE WITH DOWNLIGHT ONLY


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

MOUNTING PLATE

DRIVER MOUNTING BRACKET

NUT

CANOPY (8" DIA x 2.5" H; WHITE TEXTURE PAINT)

FINIAL

AIRCRAFT CABLE

WHITE POWER CORD

NUT

MOUNTING PLATE

MOUNTING INFORMATION CHART

SERIES	LUMINAIRE SIZE	LUMINAIRE WEIGHT	MIN/MAX OAH
KW1	36	9 LBS	32/166"
KW2	36	10 LBS	32/166"
KW3	36	9LBS	32/166"

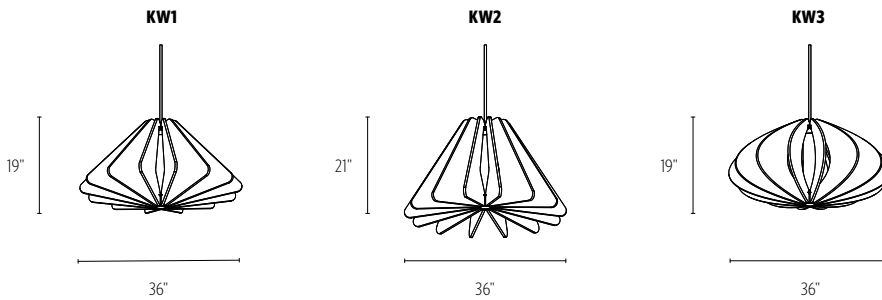P1FF ships with one of three CCL's (48", 100" or 144") and is field adjustable to the desired height.

P1FG — PENDANT WITH 5" FLAT CANOPY, SINGLE CENTER AIRCRAFT CABLE AND WHITE POWER CORD; MOUNTS TO 4X4 OCTAGON J-BOX (BY OTHERS); REMOTE DRIVER ENCLOSURE

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

STRAIN RELIEF

MOUNTING BRACKET

AIRCRAFT CABLE COUPLER

CANOPY (5" DIA x 0.25" H; WHITE TEXTURE PAINT)

FINIAL

POWER CORD

AIRCRAFT CABLE

MOUNTING INFORMATION CHART

SERIES	LUMINAIRE SIZE	LUMINAIRE WEIGHT	MIN/MAX OAH
KW1	36	9 LBS	30/166"
KW2	36	10 LBS	30/166"
KW3	36	9LBS	30/166"
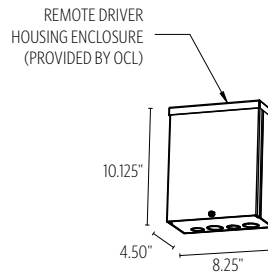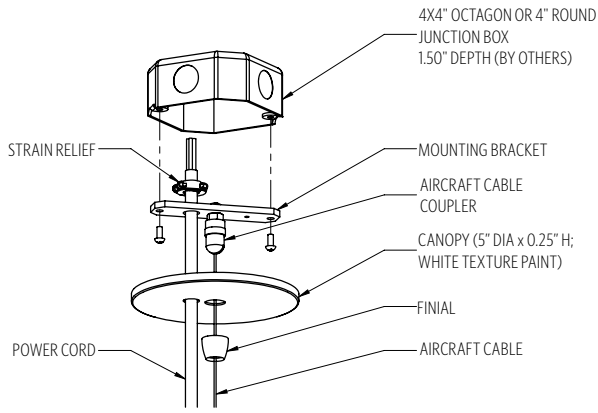
P1FG ships with one of three CCL's (48", 100" or 144") and is field adjustable to the desired height.

P1FG 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..

REMOTE DRIVER HOUSING ENCLOSURE (PROVIDED BY OCL)

10.125"

4.50"

8.25"

SIZES

KW1

19"

36"

KW2

21"

36"

KW3

19"

36"

DIFFUSER

FINISHES & MATERIALS

ACRYLIC FINISHES:

MW
MATTE WHITE

TEXTURED POWDER COAT FINISHES:
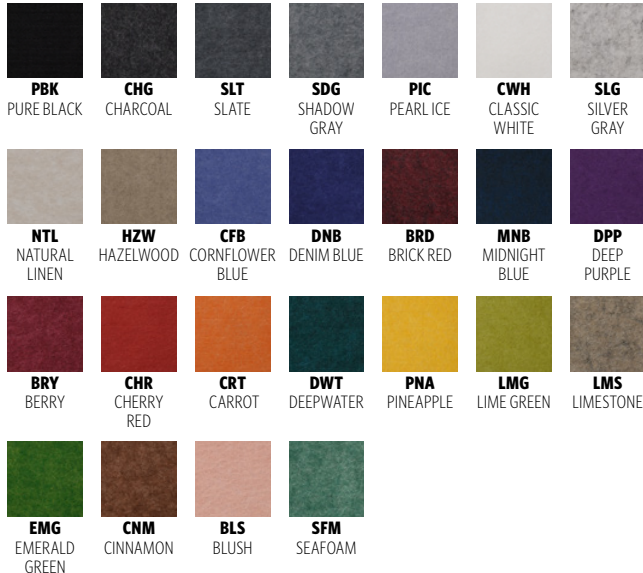
WTP
WHITE TEXTURED

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	**DNB** DENIM BLUE	**BRD** BRICK RED	**MNB** MIDNIGHT BLUE	**DPP** DEEP PURPLE
BRY BERRY	**CHR** CHERRY RED	**CRT** CARROT	**DWT** DEEPWATER	**PNA** PINEAPPLE	**LMG** LIME GREEN	**LMS** LIMESTONE
EMG EMERALD GREEN	**CNM** CINNAMON	**BLS** BLUSH	**SFM** SEAFOAM			

Designed and Fabricated in St. Louis, Missouri › USA

LIGHT SOURCE

| LUMENS AND WATTAGE CHART		BODY	DOWNLIGHT	
		36"	NF	WF
LED1	LUMENS DELIVERED	550	1525	1495
	SYSTEM WATTAGE	6	15	15
LED2	LUMENS DELIVERED	820	N/A	N/A
	SYSTEM WATTAGE	9	N/A	N/A
TWH1	LUMENS DELIVERED	550	N/A	N/A
	SYSTEM WATTAGE	6	N/A	N/A
RGBW	LUMENS DELIVERED	PENDING	N/A	N/A
	SYSTEM WATTAGE	PENDING	N/A	N/A

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

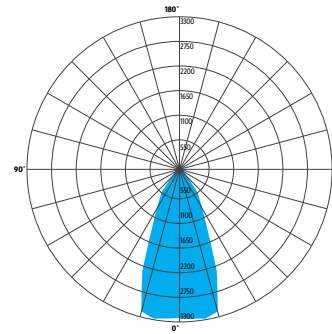| STANDARD COLOR TEMPERATURE OPTIONS	CRI
2700K	80+
3000K	80+
3500K	80+
4000K	80+
TUNABLE WHITE	90+
RGBW	80+

ZONE	LUMENS	% OF LUMINAIRE
0-30	16	2%
0-60	126	17%
0-90	360	49%
90-180	360	51%
0-180	734	100%

PHOTOMETRY:

LUMINAIRE:	KW3-P1FK-36-MW-WTP-CHG-LED2_35K-ND-UNV-36-DM
COLOR TEMP #:	3500K
EFFICACY:	92 LM/W
TEST REPORT:	TEST NO. 20865.0
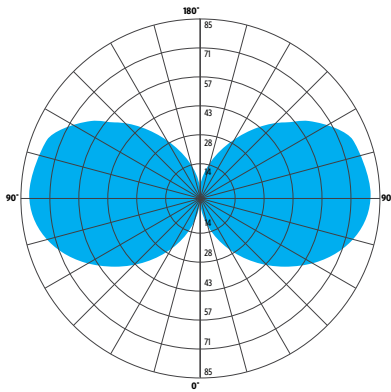
BODY
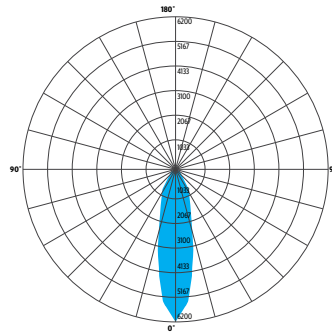
NARROW FLOOD (NF)

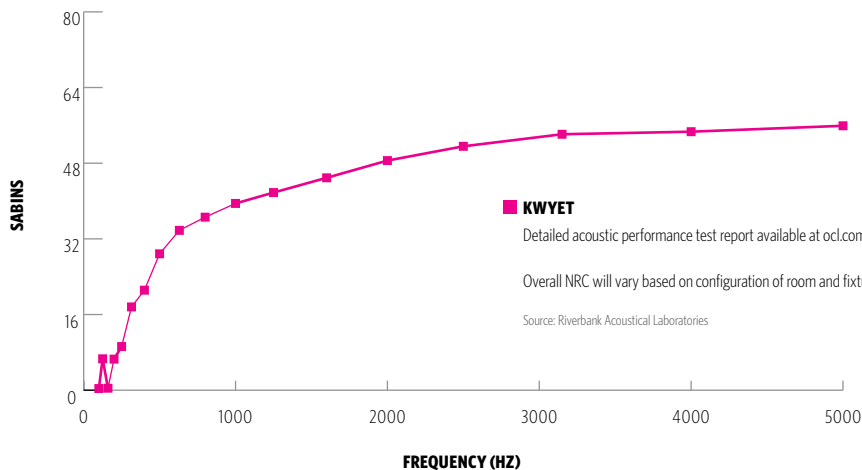**WIDE FLOOD (WF)**

ACOUSTICAL TESTING

KWYET ACOUSTIC PERFORMANCE (4 UNITS):

KWYET

Detailed acoustic performance test report available at ocl.com

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

Source: Riverbank Acoustical Laboratories

Project 21-12877-3 Date 6/25/2021	Catalog Number	Type
RGB/W | Saturated Color	KW2 P1FG 36 MW PBK RGBW WF LED1 27K 144 DMX	
Submitted By	**Notes**	
16500, INC		

CONTROL

DM1   0-10V DIMMING 1%
- 0-10V DIMMING PROTOCOL
- 1% MINIMUM DIM LEVEL
- ELECTRONIC DRIVER
- POWER FACTOR >0.9
- THD <20%
- MINIMUM AMBIENT OPERATING TEMPERATURE -31°F
- LINEAR DIMMING CURVE
- FIELD REPLACEABLE

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

SPECIFICATIONS

CONSTRUCTION
- LED MOUNTING CHANNEL EXTRUDED ALUMINUM
- DIFFUSER IS EXTRUDED FROSTED ACRYLIC
- BODY TOP/BOTTOM CAPS ARE DIE-CAST ALUMINUM
- CANOPY IS SPUN ALUMINUM
- HARDWARE IS ZINC PLATED OR STAINLESS STEEL

MOUNTING
- MOUNTS 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 [BODY LIGHT] STATIC WHITE
- BRIDGELUX V13 GEN 7 COB 80CRI [DOWNLIGHT]
- **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!

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
- 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

LISTING
- ETL LISTED TO UL 1598 FOR DRY LOCATIONS

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