ILUMIYO
DESIGN / MANUFACTURING

LUM-ACO 3P

DATE:	PROJECT:	LOCATION:	TYPE:

FEATURES

- Available In made to measure lengths accurate up to 1/16".
- NRC (Noise Reduction Coefficient) of .75.
- Acoustical felt is available in 28 colors standard.
- Patterns available. Must consult factory for custom size and patterns.
- Damp location rated.
- Available in CRI 80+, CRI 90+
- 5 year, 50,000 hour fixture warranty.
- 2700K, 3000K, 3500K, 4000K & 5000K color temperatures available.
- Available with PoE- Must consult factory.

APPLICATIONS
Commercial and business area, public buildings, offices, retail stores, hotels and restaurants, arts and culture spaces.

FINISH
Standard powder-coated white. Custom colors available.

CONSTRUCTION
Extruded aluminum housing with die cast ends.
BAFFLE: Acoustical Felt.

DIFFUSER
Custom formulated high diffusion extruded acrylic lens.
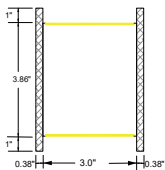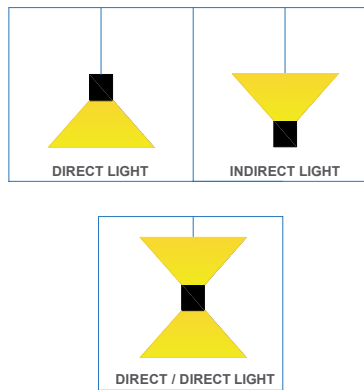Other diffuser available - consult factory.

FIXTURE RATINGS & CERTIFICATIONS

ETL Intertek | MADE IN USA | DAYLIGHT HARVEST | MOTION SENSOR | DIMMABLE | EMERGENCY BACKUP | DAMP LOCATION | 5 YEAR WARRANTY

ELECTRICAL
Integral driver with 0-10V dimming standard. Integral emergency battery (Optional). Several driver options available.
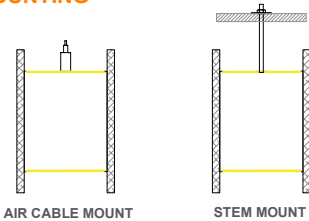
DIMENSIONS

1" 3.86" 1"
0.38" 3.0" 0.38"

MOUNTING

AIR CABLE MOUNT | STEM MOUNT

LIGHT DISTRIBUTION

DIRECT LIGHT | INDIRECT LIGHT

DIRECT / DIRECT LIGHT

LED SYSTEM OUTPUT

OUTPUT	System Watts		Delivered Lumens	
	DIRECT	INDIRECT	DIRECT	INDIRECT
OP1	4 W/ft	4 W/ft	380 lm/ft	380 lm/ft
OP2	6 W/ft	6 W/ft	570 lm/ft	570 lm/ft
OP3	8 W/ft	8 W/ft	760 lm/ft	760 lm/ft
OP4	10 W/ft	10 W/ft	950 lm/ft	950 lm/ft
OP5	Custom Output		Custom Output	

Fixture lumen output data refer to delivered lumens for 3500K.
Lumens multiplier 80CRI :0.92 for 27K, 0.95 for 30K & 35K,1.05 for 40K.
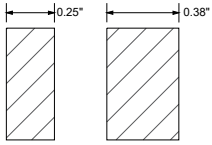Consult factory for other lumen package.

ORDERING KEY

1	2	3	4	5-DIRECT	5-INDIRECT	6	7	8	9	10	11

1 - MODEL #	2 - LENGTH	3 - CRI	4 - COLOR TEMP	5 - LED OUTPUT		6 - VOLTAGE
LUM-ACO 3P	**2** - 2 ft **4** - 4 ft **6** - 6 ft **8** - 8 ft **10** - 10 ft **X'-X"** - Custom Length **PAT** - Pattern (Consult Factory)	**80 CRI** **90 CRI**	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** - 5000K **TW** - Tunable White **RGB** - Color Tuning 1 **RGBW** - Color Tuning 2	**D** - DIRECT **OP1** - 4 W/ft **OP2** - 6 W/ft **OP3** - 8 W/ft **OP4** - 10 W/ft **OP5** - Custom Output	**ID** - INDIRECT **OP1** - 4 W/ft **OP2** - 6 W/ft **OP3** - 8 W/ft **OP4** - 10 W/ft **OP5** - Custom Output	**UNV** - Universal (120/277V) **347V*** - 347V *Must use DB Driver

| 7 - DRIVER	8 - FINISH	9 - MOUNTING	10 - SENSOR	11 - OTHER OPTIONS
DIM 1% - Standard 1% Dimming (0-10V) **DIM 0.1%**- 0.1% Dimming (0-10V) **LT1** - Lutron Digital EcoSystem **C1** - Tunable White control **C2** - RGB Tuning control **C3** - RGBW Tuning control **PoE** - Power over Ethernet. Consult Factory for Compatibility	**HOUSING COLOR** **W** - White (Standard) **BLK*** - Black **CC*** - Custom Color (Provide RAL#) **AF*** - Acoustical Felt Color(Provide RAL#) *White cord and canopy provided.	**AC** - Air Cable Mount-50" **PS**- Pendant Stem (12", 18", 24", 36", 48")	**OS** - Occupancy Sensor **VS** - Vacancy Sensor **DH** - Daylight Harvesting **ES** - Enlighted Sensor	**DC** - Dual Circuit (Separate Up/Down Control) **EM1** - Emergency Pack-120V **EM2** - Emergency Pack 277V **EMCKT** - Emergency Circuit *Emergency Battery Available in modules of 4-ft. and longer

DATE:	PROJECT:	LOCATION:	TYPE:

1 - ACOUSTICAL THICKNESS

0.25" 0.38"

TH1   **TH2**

2 - THICKNESS TRIM

0.25" 0.38" 0.25" 0.38"

45°   45°   63°   63°
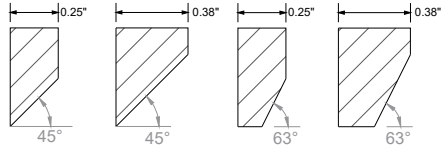
TR1   **TR2**   **TR3**   **TR4**

3 - ACOUSTICAL HEIGHT

FIXTURE HEIGHT

0.25" 0.25" 0.5" 0.5" 1" 1"

FIXTURE HEIGHT
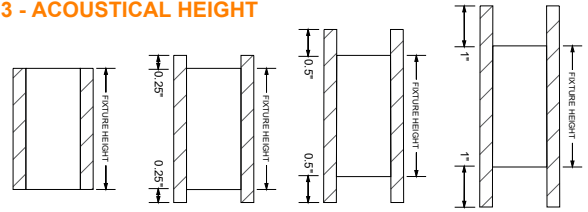
WH1   **WH2**   **WH3**   **WH4**

4- OPEN END: OE1
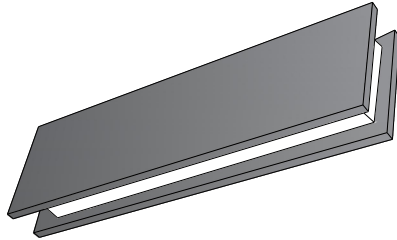
4 - CLOSED END: CE1
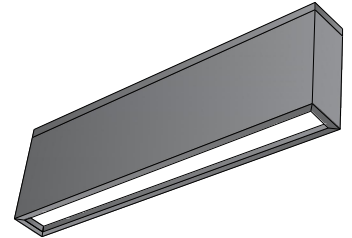
5- ACOUSTICAL COLOR : Available in 28 color blends - Consult factory for custom size and pattern.

ORDERING KEY

1	2	3

4	5
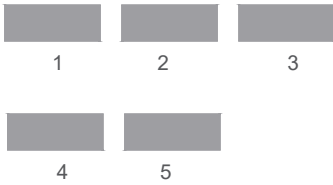
COMMENT

DATE:	PROJECT:	LOCATION:	TYPE:

PRODUCT OVERVIEW

Made from recycled plastic bottles
- Sound-dampening effect
- Available in 28 color blends
- Easy to mount and process
- Impact-resistant

Material PET Felt
Flammability class B1
ISO Certificate 345-2003
Thickness 0.38" (9 MM)

PET FELT PANELS

PET Felt panels offer universal sound- absorbing treatment for walls and hard, reflective surfaces. With their warm appearance and soft texture, the panels benefit the interior both aesthetically and acoustically. PET Felt is a sustainable and durable material made from recycled plastic bottles. The sheets are easy to mount and process, making it possible to bring any design to life.

PET FELT

PET Felt is a sustainable and durable material made from recycled plastic bottles. Thanks to its open-cellular structure, PET Felt demonstrates great acoustic properties. PET Felt panels are soft to touch, impact-resistant and easy to process.

COLOURS

Since PET Felt is a recycled material, slight color deviations may occur between different batches. It is recommended to order the required quantity at once to make sure the panels come from the same batch. Keep in mind that the panels have a nap direction on both sides. To avoid alterations in appearance.
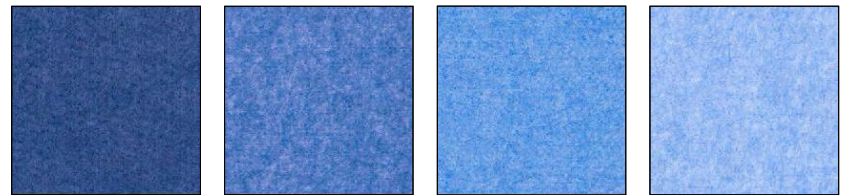
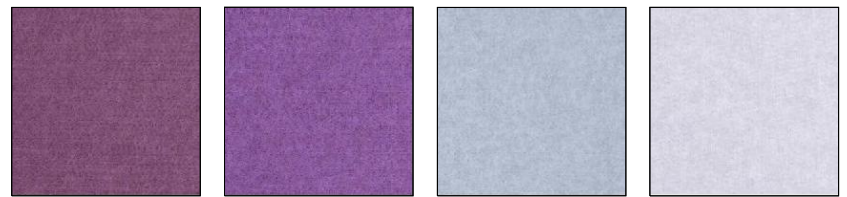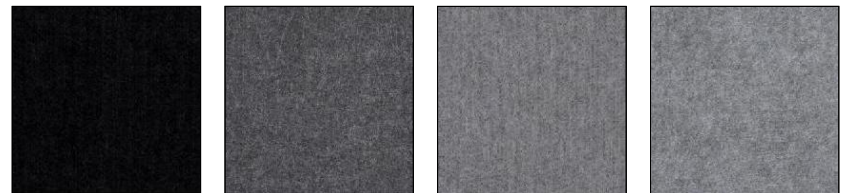## AVAILABLE IN 28 COLOUR BLENDS
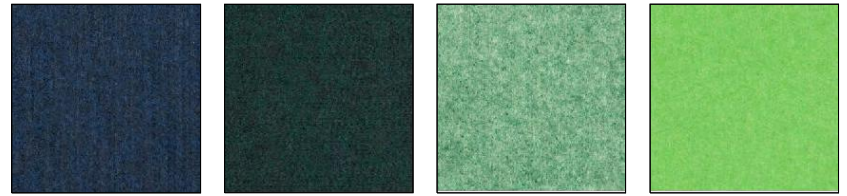
Dark Blue	Dark Green	Green	Lime
Cobalt	Denim	Blue	Sky
Grape	Violet	Frost	Smoke
Black	Dark Grey	Grey	Light Grey
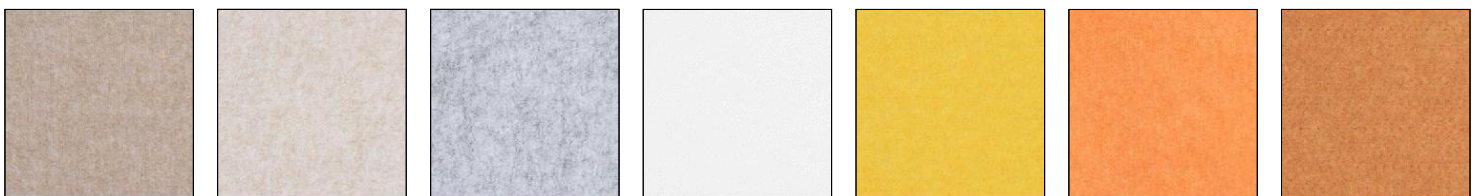
Sand	Beige	Marble	White	Yellow	Orange	Honey
Camel	Coconut	Wine	Red	Cinnamon	Custom Color	Custom Color