ILUMIYO
DESIGN / MANUFACTURING

LUM-ACO 2SM

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.
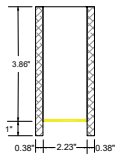
FIXTURE RATINGS & CERTIFICATIONS — ETL Intertek | MADE IN USA | DAYLIGHT HARVEST | MOTION SENSOR | DIMMABLE | EMERGENCY BACKUP | DAMP LOCATION | 5 YEAR WARRANTY

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

DIMENSIONS

3.86"
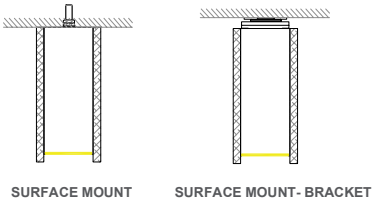0.38" — 2.23" — 0.38"
1"

MOUNTING

SURFACE MOUNT | SURFACE MOUNT- BRACKET

LIGHT DISTRIBUTION

DIRECT LIGHT
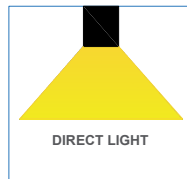
LED SYSTEM OUTPUT

OUTPUT	System Watts	Delivered Lumens
	DIRECT	DIRECT
OP1	4 W/ft	380 lm/ft
OP2	6 W/ft	570 lm/ft
OP3	8 W/ft	760 lm/ft
OP4	10 W/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.
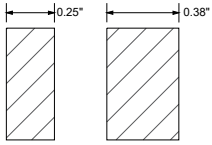Consult factory for other lumen package.

ORDERING KEY

1	2	3	4	5	6	7	8	9	10	11	12

1 - MODEL #	2 - LENGTH	3 - CRI	4 - COLOR TEMP	5 - LED OUTPUT	7 - FINISH	6 - VOLTAGE
LUM-ACO SLIM 2SM	**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	**W** - White (Standard) **BLK*** - Black **CC*** - Custom Color (Provide RAL#) *White cord and canopy provided.	**UNV** - Universal (120/277V) **347V*** - 347V *Must use DB Driver

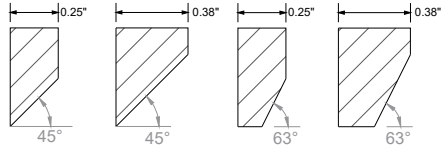| 8 - DRIVER	9 - MOUNTING	10 - SENSOR	11 - OTHER OPTIONS	
DIM 1% - Standard 1% Dimming (0-10V) **DIM 0.1%**- 0.1% Dimming (0-10V) **LT1** - Lutron Digital EcoSystem **C1** - Tunable White control **C2** - RGB Tuning control **C3** - RGBW Tuning control **PoE** - Power over Ethernet. Consult Factory for Compatibility	**SM** - Surface Mount - 2" Stud **SM1** - Surface Mount - Bracket	**OS** - Occupancy Sensor **VS** - Vacancy Sensor **DH** - Daylight Harvesting **ES** - Enlighted Sensor	**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" TH1   0.38" TH2

2 - THICKNESS TRIM

0.25" TR1 45°   0.38" TR2 45°   0.25" TR3 63°   0.38" TR4 63°

3 - ACOUSTICAL HEIGHT

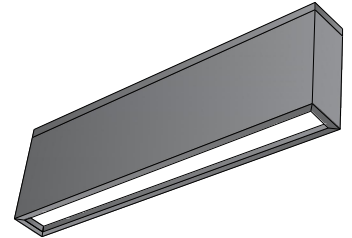WH1   WH2 (0.25", 0.25", FIXTURE HEIGHT)   WH3 (0.5", 0.5", FIXTURE HEIGHT)   WH4 (1", 1", FIXTURE HEIGHT)
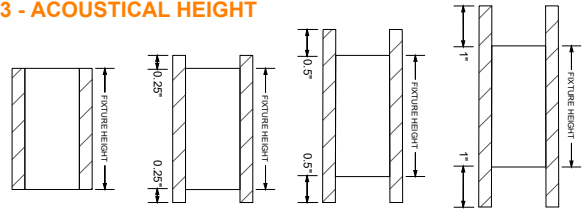
4- OPEN END: OE1
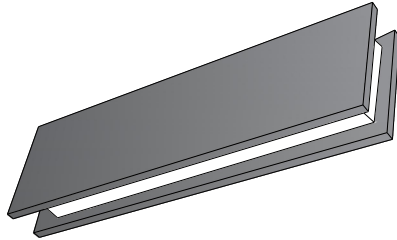
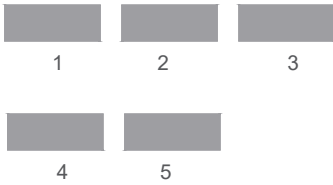**4 - CLOSED END:** CE1

5- ACOUSTICAL COLOR : Available in 28 color blends - Consult factory for custom size and pattern.

ORDERING KEY

1   2   3

4   5

COMMENT

LUM-ACOUSTICAL FELT

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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.
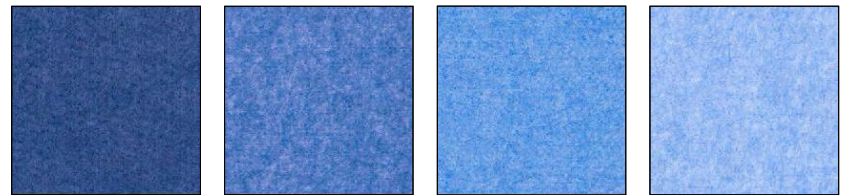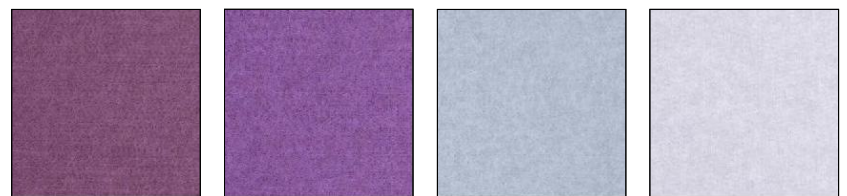
AVAILABLE IN 28 COLOUR BLENDS
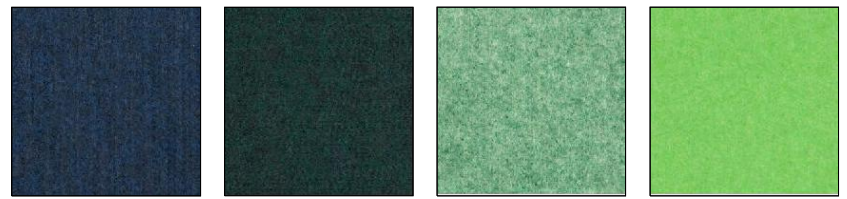
Dark Blue	Dark Green	Green	Lime
Cobalt	Denim	Blue	Sky
Grape	Violet	Frost	Smoke
Black	Dark Grey	Grey	Light Grey
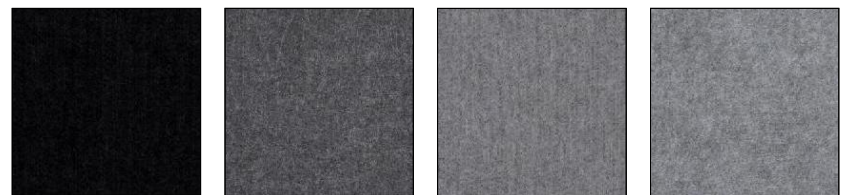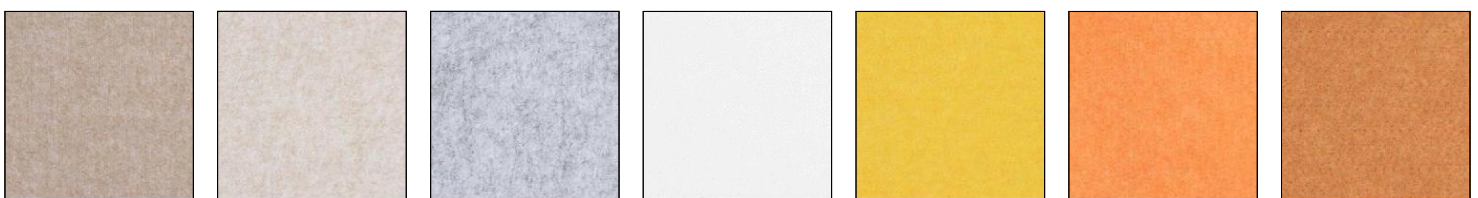
Sand	Beige	Marble	White	Yellow	Orange	Honey
Camel	Coconut	Wine	Red	Cinnamon	Custom Color	Custom Color