



## SLIM LED BAFFLE







# MINIMALIST DESIGN MEETS ACOUSTIC PERFORMANCE

Slim LED Baffle provides a beautiful acoustic ceiling aesthetic that adds dimension to any space, while also integrating overhead lighting for a multi-functional solution. Lights, baffles, action!

Available in 30 standard colors and prints, as well as standard and custom dimensions.

Standard dimensions:

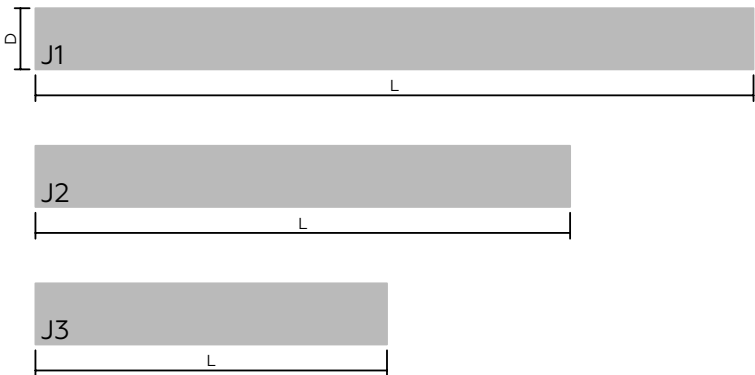
- 7" x 2.13" x 24"
- 7" x 2.13" x 36"
- 7" x 2.13" x 48"
- 7" x 2.13" x 60"
- 7" x 2.13" x 72"
- 7" x 2.13" x 84"
- 7" x 2.13" x 96"

# PRODUCT SPECIFICATIONS

SECTION



ELEVATION



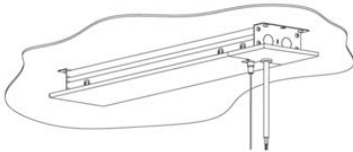
## INSTALLATION OPTIONS

(Need something else custom? Just ask and we will find a way.)

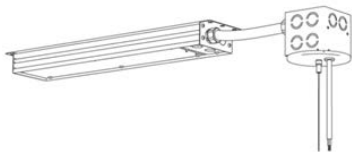
ABOVE GRID:



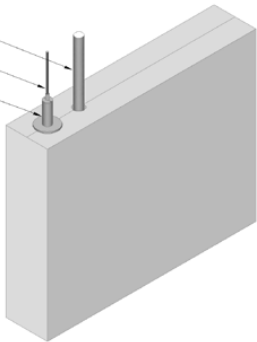
HARD CEILING:



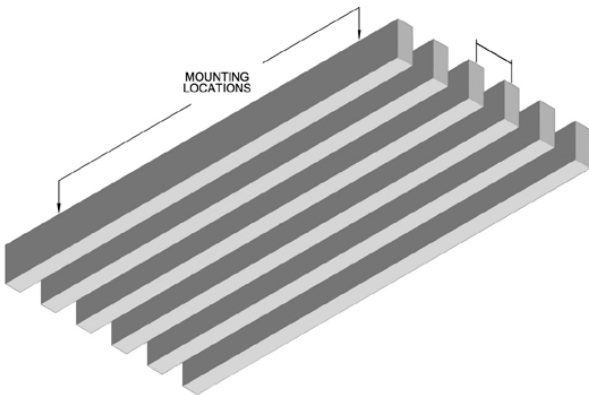
J-BOX:



POWER CORD  
AIRCRAFT CABLE  
CABLE GRIPPER



MOUNTING  
LOCATIONS





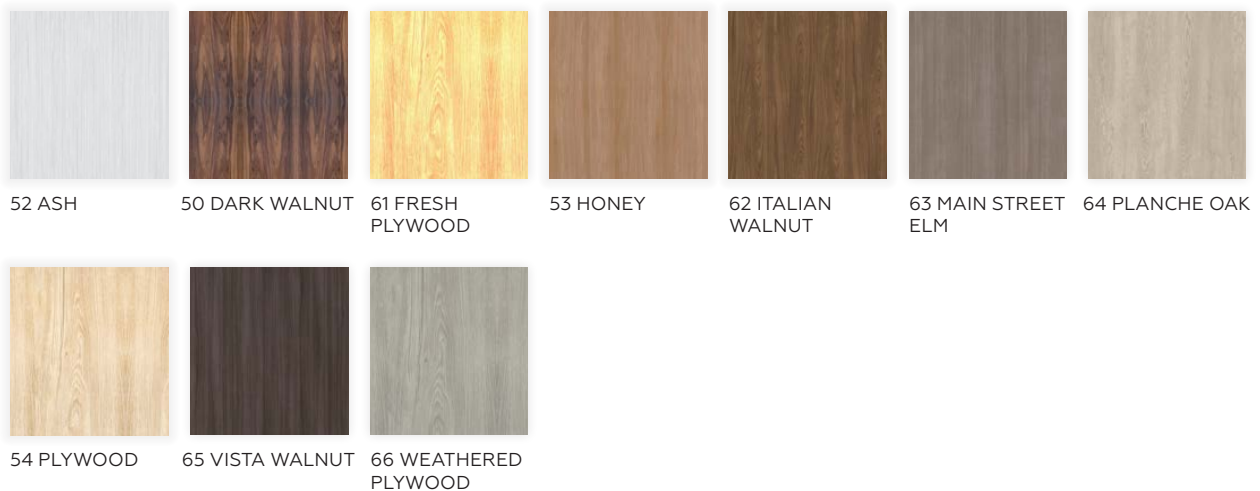


MPS offers a range of standard colors, plus any Pantone color, and custom color matching.



Go ahead, design in full color.  
Any shade you want.

SHADES by MPS<sup>™</sup>  
ACOUSTICS



# TECHNICAL SPECIFICATIONS

## Absorption

Average NRC 1.4.  
(subject to thickness and mounting conditions)

## Material

100% polyester fiber acoustic felt.

## Eco-Friendly

Yes! 60% recycled PET materials, 40% new material, non-toxic, non-allergenic, non-irritant, no coatings or sprays which degrade over time.

## Fire Rating

ASTM E84 Class A Fire Spread rating is permanently achieved by infusing 40% new material into the panel. MPS never uses sprays or coatings that degrade and lose their rating status.

Distribution: Direct

Total Lumens: 3195

Ratio: 0% Up & 100% Down

Wattage: 32.0

Efficacy: 100.0 LM/W

Fixture Length: Four Feet

UGR: 25.5

4H X 8H Cross wise: 26.4, End wise: 24.6

## LED Light Overview

Zone	Lumens	% Fixt
0 - 30	922	29%
0 - 40	1489	47%
0 - 60	2579	81%
0 - 90	3195	100%
90 - 180	0	0%
0 - 180	3195	100%

## Watts Per Linear Foot

	RATIO	H:800	M:600	L:400	VL:200
DIRECT	00/100	8.0	6.1	3.97	2.01

## Lumens Per Linear Foot

	RATIO	H:800	M:600	L:400	VL:200
DIRECT	00/100	800.0	600.0	400.0	200.00

## Lumens Per Watt

	RATIO	H:800	M:600	L:400	VL:200
DIRECT	00/100	100.0	98.5	100.8	99.5

## Sustainability



# TECHNICAL SPECIFICATIONS

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## MECHANICAL

### Housing Construction:

Extruded Aluminum 6063-T5 alloy outer housing and our high-quality diecast end caps are engineered to conceal all fasteners, and to retain the sealing gaskets on the inside of the fixture while completing the clean and minimalistic look of this luminaire.

### Lengths:

The Slim LED Baffle is available in direct 1-foot increments. Individual 2-foot (24"), 3-foot (36"), 4-foot (48"), 5-foot (60"), 6-foot (72"), 7-foot (84"), and 8-foot (96") lengths. Overall lengths with acoustic baffle are +1.0625" greater than the nominal length (4' = 49.0625").

### Mounting Method/Hardware:

Standard hanging hardware includes 1/16" diameter, galvanized steel aircraft cable with adjustable and lockable nickel-plated cable grippers at the luminaire. White or black 18/4 cord carries low voltage to luminaire. The standard hardware includes a 57" power cord and 60" aircraft cables to accommodate a 48" mounting distance from the ceiling. All Lumato suspension hardware meets the UL1598 requirements for loading/fixture support. Ceiling Canopy hardware provided.

### Exterior Finish:

The Slim LED fixture finish is available in White, Black, Silver, or Charcoal Grey polyester powder coat finish to ensure durability. Luminaires are available in any RAL color as an option.

## OPERATION

### Remote Power Unit:

One Remote Power unit powers only one luminaire at a time. Easy to access wiring compartments for fast and easy installation. Line voltage and low voltage wire compartments.

### Mounting Configurations:

Above T-Grid with supplied clips Decorative surface mount on hard sheet rock construction Recessed in hard sheet rock construction (IC Rated)

### Light Engine:

The Slim LED Baffle is available in 3000K, 3500K & 4000K CCT all within a 3-Step MacAdam Ellipse and has a standard CRI of 80+ with a 90+ CRI option available.

### Lower Optics:

Our frosted acrylic roll in lens is designed to maximize efficiency while minimizing glare. Individual fixtures come with lens factory installed.

### Electrical:

Electrical connections at fixture are preinstalled with low voltage wiring. Class 2 programmable (factory pre-set) premium power supply, 120-277VAC OR 347V input. Power factor >0.9. THD <15%. Integral Surge Protection to 2KV.

# TECHNICAL SPECIFICATIONS

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## **Dimming:**

The Slim LED Baffle comes standard with 0-10V dimming to 1%.

Optional Dimming Protocols/Drivers

0-10V - 0.1% Eldoled

Dali – 1% Osram Dexal

Dali – 5% Signify Dali

Dali - 0.1% Eldoled Dali

Lutron - Ecosystem LDE1

## **PERFORMANCE**

### **Acoustic Materials:**

All raw materials are sustainably sourced from carefully selected vendors within the USA and abroad. All acoustic felt is made from low-VOC, 60% recycled polyester felt material. Hardware, fasteners, and frame components are also made from recycled aluminum. Frames are custom ordered in standardized sizes to prevent waste in the supply chain.

All MPS Acoustic products are free of allergens, irritants, and coatings/sprays that degrade or give off VOC's. All acoustic materials also meet ASTM E84 Class A, Flame Spread 40.

### **Product Maintenance:**

Our acoustic baffles and panels are inherently easy to maintain. They can be wiped down with a damp cloth or vacuumed as needed. If a stain does appear, warm water and soap can be used to gently blot the area affected.

Acoustic baffles and panels are 100% recyclable at end of life.

## **GENERAL**

### **Warranty:**

Five (5) year limited warranty from date of shipment, covers LED's, driver, and luminaire. Two (2) year limited warranty for the acoustic baffle. Optional accessories are covered by their individual manufacturer warranties.

### **Lumen Maintenance:**

Rated for 85% initial lumen output (L85) at 90,000 Hours of operation, operated at 25C ambient temperature; per TM-21 Guidelines published by the Illuminating Engineering Society (IES).

### **Certification:**

All Luminaires and Remote Power Unit are UL and cUL Listed, approved for Dry/Damp locations. IC rating is an option for the Remote Driver Box. Contact Lumato for more information.

### **Acoustic Baffle Fire Rating:**

ASTM E84 Class A Fire Spread rating is permanently achieved by infusing 40% new material into the panel. Our manufacturing process never uses sprays or coatings that degrade or lose their rating status.

### **Manufactured in the USA:**

All MPS Luminaires and Components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.