

DATE PROJECT FIRM FIXTURE TYPE

OVERVIEW

The Linear 27 is clean, cost conscious and acoustically effective. Our commitment to craft shows up in Sabin's signature sewn construction, which enables a robust and simple design. Sabin's family of linear products share a common design language. These products are intended to work together as part of larger arrays, selected according to lighting, acoustic and budgetary requirements.



SPECIFICATIONS

SERIES	LENGTH ¹ (FT)	HEIGHT ¹ (IN)	9MM FELT COLOR		AIRCRAFT CABLE		CEILING HARDWARE	
L-27	2	6	9BR BIRCH	9FL FLINT	36BK	36" BLACK AC CABLE	CTB9	T-BAR CADDY CLIP, 9/16"
	3	7	9HZ HAZEL	9JD JADE	36SLV	36" SILVER AC CABLE	CTB15	T-BAR CADDY CLIP, 15/16"
	4	11	9SP SAPPHIRE	9PN PINE	60BK	60" BLACK AC CABLE	CTG9	TEGULAR CADDY CLIP, 9/16"
	5	16	9SA SIENNA	9BS BISQUE	60SLV	60" SILVER AC CABLE	CTH15	TEGULAR CADDY CLIP, 15/16"
	6	20	9SD SAND	9OB OBSIDIAN	120BK	120" BLACK AC CABLE	CHS	HARD CEILING
	7	23	9PM PUMICE		120SLV	120" SILVER AC CABLE		
	8 ⁴	CH ³						
	CL ²							

1 IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE SHOWN ON PAGE 2.

2 CUSTOM LENGTHS AVAILABLE BETWEEN 2' - 8' IN 1" INCREMENTS.

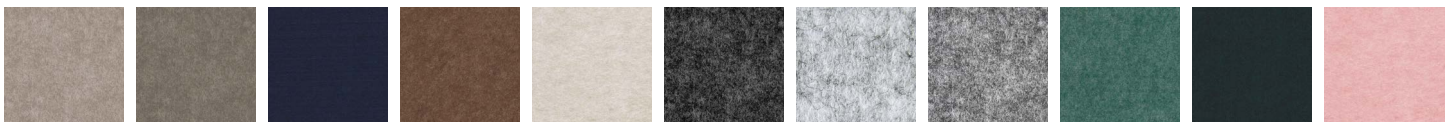
3 CUSTOM HEIGHTS AVAILABLE BETWEEN 6" - 23" IN 1" INCREMENTS.

4 8 FOOT LENGTHS ONLY AVAILABLE IN COLORS PUMICE AND OBSIDIAN.

*ALL STANDARD DIMENSIONS ARE ECO-FRIENDLY, MAXIMIZING MATERIAL USE AND MINIMIZING WASTE. CUSTOM DIMENSIONS RESULT IN EXCESS MATERIAL WASTE.

COLOR

9MM FELT



BIRCH HAZEL SAPPHIRE SIENNA SAND OBSIDIAN PUMICE FLINT JADE PINE BISQUE

CONTACT THE FACTORY FOR ADDITIONAL COLOR OPTIONS.

EXAMPLE PART NUMBER: L-27-4-16-9BR-60SLV-CTB9

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ACOUSTIC PERFORMANCE DATA

ALL SABIN PRODUCTS ARE SUBJECT TO ACOUSTIC TESTING. PERFORMANCE VALUES WILL VARY BASED ON INSTALLATION FACTORS SUCH AS DENSITY AND MOUNTING HEIGHT.

SABINS A SABIN IS A UNIT OF SOUND ABSORPTION DEFINED AS THE AMOUNT OF SOUND ABSORBED BY ONE SQUARE FOOT OF A PERFECT ABSORBER. IT WAS INITIALLY CONCEIVED AS THE EQUIVALENT OF 1 SQUARE FOOT OF OPEN WINDOW, REFLECTING NO SOUND BACK INTO THE INTERIOR. SABINS ARE USED TO EXPRESS THE TOTAL EFFECTIVE ABSORPTION FOR THE INTERIOR OF A ROOM. THIS CHART INDICATES AVERAGE SABINS PER UNIT AT THE NOTED FREQUENCIES WHICH REPRESENT THE TYPICAL RANGE OF HUMAN SPEECH OF 200-2500 HZ.

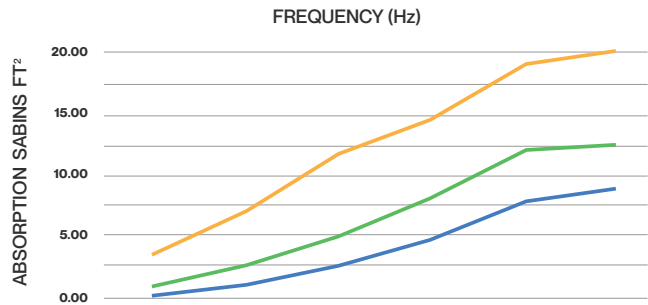
NRC NOISE REDUCTION COEFFICIENT (NRC) IS A SINGLE NUMBER VALUE RANGING FROM 0.0 TO 1.0 THAT DESCRIBES THE AVERAGE SOUND ABSORPTION PERFORMANCE OF A MATERIAL. AN NRC OF 0.0 INDICATES THE OBJECT DOES NOT ABSORB MID-FREQUENCY SOUND ENERGY, BUT REFLECTS IT. AN NRC OF 1.0 INDICATES THAT THE SOUND ABSORPTION PERFORMANCE OF THE MATERIAL IS EQUAL TO ITS SURFACE AREA (MEASURED IN UNITS SABIN), OR CONCEPTUALLY 100% SOUND ABSORPTION.

PROJECTED NRC = .88

TOTAL SOUND ABSORPTION WILL VARY BASED ON DESIGNED PRODUCT CONFIGURATION. SABIN TESTS ALL PRODUCTS IN MULTIPLE CONFIGURATIONS. PLEASE CONTACT SABIN OR YOUR LOCAL AGENT FOR MORE INFORMATION.

SABIN LINEAR FAMILY

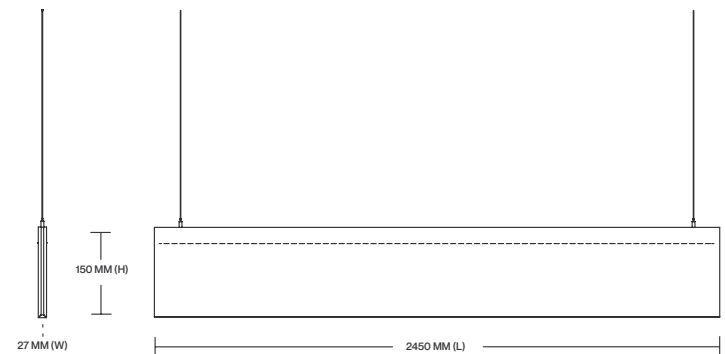
PROJECTED PERFORMANCE



	125	250	500	1000	2000	4000
UNLIT 6x94x1	0.22	1.08	2.69	4.84	7.97	9.04
UNLIT 11x94x1	0.97	2.69	5.27	8.29	12.16	12.70
UNLIT 23x94x1	3.44	7.00	11.84	14.75	19.38	20.24

DIMENSIONS + WEIGHT

SERIES	HEIGHT ¹ (INCHES)	LENGTH ¹ (FEET)	WIDTH ¹ (INCHES)
L-27	6" (150MM)	2' (650MM)	1.1" (27MM)
LINEAR 27	7" (185MM)	3' (950MM)	
	11" (285MM)	4' (1250MM)	
	16" (400MM)	5' (1550MM)	
	20" (500MM)	6' (1875MM)	
	23" (585MM)	7' (2175MM)	
	CH CUSTOM HEIGHT ²	8' (2450MM)	
		CL CUSTOM LENGTH ³	
		CR CONTINUOUS RUN COMING SOON	



¹ IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE SHOWN IN MILLIMETERS.
² CUSTOM HEIGHTS AVAILABLE BETWEEN 6" - 23" (150-598MM) IN 1" (25MM) INCREMENTS.
³ CUSTOM LENGTHS AVAILABLE BETWEEN 2' - 8' (650-2450MM) IN 1" (25MM) INCREMENTS.

* ALL STANDARD DIMENSIONS ARE ECO-FRIENDLY, MAXIMIZING MATERIAL USE AND MINIMIZING WASTE. CUSTOM DIMENSIONS RESULT IN EXCESS MATERIAL WASTE.

SEE DIMENSIONS + WEIGHT TABLE FOR LIMITATIONS

WEIGHT

PLEASE CONSULT THE FACTORY FOR PRODUCT WEIGHTS BASED ON CONFIGURATION AND PART NUMBERS.

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ACOUSTIC MATERIAL

OUR 9MM PET (POLYESTER) FELT PANELS CONTAIN MINIMUM 60% POST-CONSUMER RECYCLED POLYESTER STAPLE FIBER. THE MATERIAL IS MOISTURE RESISTANT, FIRE RATED AND RECYCLABLE. THE POROUS MATERIAL IS AN OUTSTANDING ABSORBER OF ACOUSTIC ENERGY.

- FIRE RETARDANT: ASTM E84 CLASS A , EN13501 CLASS B
- DECORATIVE: 11 STANDARD COLORS
- CONSTRUCTION: 100% POLYESTER FIBER (PET)

CONSTRUCTION

A 9MM PET PANEL FOLDED AND SEWN AROUND A RIGID ALUMINUM EXTRUSION, WITH INTEGRATED REPOSITIONABLE SUSPENSION SYSTEM. THIS PATENT PENDING DESIGN EASY TO INSTALL AND SIMPLE TO ADJUST.

CARE

PET ACOUSTICS: REMOVE DUST WITH COMPRESSED AIR, A VACUUM OR LINT ROLLER. ALUMINUM & POLYMER COMPONENTS: REMOVE DUST AND DEBRIS WITH A CLEAN, DRY, OR DAMP LINT-FREE CLOTH.

MOUNTING

SUSPENDED WITH 1/16" AIRCRAFT CABLES, COLOR MATCHING CABLE AND GRIPPERS, INSTALLED AT FACTORY. AIRCRAFT CABLES AVAILABLE IN PRECUT LENGTHS OF 36", 60", OR 120" WITH FABRIC-COVERED POWER CORD AND 5" CANOPY.

CERTIFICATES/LISTING

TESTED IN ACCORDANCE WITH NEC, ANSI/NFPA 70 STANDARDS. SUITABLE FOR INDOOR, DRY-LOCATION USE ONLY, IP20.

WARRANTY

MANUFACTURED EQUIPMENT IS WARRANTED TO BE FREE OF DEFECTS AND FAILURE UNDER NORMAL USE AND PROPER STORAGE FOR A PERIOD OF FIVE (5) YEARS.