BLOCK

UNLIT

BLK-U

DATE	PROJECT	CATALOG #	FIXTURE TYPE

OVERVIEW

BLOCK can do it all. The lightweight structure is crafted entirely from recycled PET acoustic material, utilizing custom cuts and folds meticulously engineered by Sabin. This design ensures full recyclability at the product's end of life. With a production and shipping time as quick as two weeks, BLOCK, both lit and unlit, is a great choice for arrays and cloud configurations within any project constraint.



QUICK FACTS

- Custom heights between 8 - 36 IN
- Optional integration of motion sensors, Wi-Fi, and/or speakers
- NRC rating of .95+

SPECIFICATIONS

SERIES	LENGTH/WIDTH[1]	HEIGHT[1]	FELT COLOR (9 MM)
BLK-U	13" X 13" (321 MM X 321 MM) 24" X 13" (621 MM X 321 MM) 48" X 13" (1231 MM X 321 MM) 24" X 24" (621 MM X 621 MM) 48" X 24" (1231 MM X 621 MM) CL__-CW__[2]	12" (300 MM) 24" (600 MM) 30" (750 MM) 36" (925 MM) CH__[3]	9__ REPLACE "__" WITH DESIRED COLOR CODE FROM SWATCHES

SUSPENSION TYPE		CEILING TYPE		CANOPY[6]		FACTORY OPTIONS[7]	
AC__	60" AIRCRAFT CABLE + (COLOR CODE)[4]	HC	HARD CEILING	NC	NO CANOPIES	CSL__	CUSTOM SUSPENSION LENGTH 24"-240"[8]
ST__	60" STRAP + (COLOR CODE)[4]	ST	STRUT	RWH	ROUND WHITE	CT__	CUSTOM THREAD + (COLOR CODE)[4]
TRD	3/8" THREADED ROD	SG	STANDARD GRID	RBK	ROUND BLACK	FLT	SHIP FLAT[9]
DT	DIRECT TO[5]	TG	TEGULAR GRID	SWH	SQUARE WHITE	BABA	BABA REQUIRED
				SBK	SQUARE BLACK	ATC	INCLUDE ATRIUM COVER[10]

1 IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE METRIC.
2 CUSTOM LENGTHS AND WIDTHS MUST HAVE A PERIMETER 47" - 189" (1200 - 4800 MM) WITH A MINIMUM SIDE LENGTH OF 12" (300 MM).
3 CUSTOM HEIGHTS AVAILABLE BETWEEN 8" - 36" (200 - 925 MM).
4 REPLACE "__" WITH DESIRED COLOR CODE FROM SWATCHES.
5 DIRECT TO SUSPENSION TYPE ONLY AVAILABLE ON STRUT CEILING TYPE.
6 OPTIONAL 2IN CANOPIES CAN BE INCLUDED FOR CABLE, STRAP, OR GRID SUSPENSION.
7 LEAVE BLANK IF NOT APPLICABLE. STRING TOGETHER MULTIPLE SELECTIONS.
8 REPLACE "__" WITH LENGTH OF DESIRED SUSPENSION.
9 BY DEFAULT, FIXTURES WILL SHIP ASSEMBLED - SHIPPING FLAT WILL REDUCE SHIPPING VOLUME.
10 OPTIONAL ATRIUM COVER CAN BE INCLUDED IF FIXTURES WILL BE VISIBLE FROM ABOVE.

EXAMPLE CATALOG #: BLK-U-13(321)-13(321)-30(750)-9JD-ACBLK-HC-NC

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COLOR SWATCHES

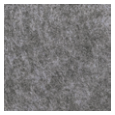
BLK-U

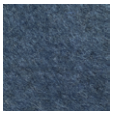
DATE	PROJECT	CATALOG #	FIXTURE TYPE

FELT

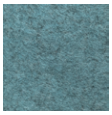

BEETROOT - BT


BIRCH - BH


FLINT - FL


GULF - GF


HAZEL - HZ


MERCURY - MY


MOSS - MO


OBSIDIAN - OB

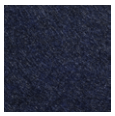

PINE - PN


PUMICE - PU


QUARRY - QY


SAFFRON - SF


SAND - SD


SAPPHIRE - SP


BISQUE - BS [1]


CANARY - CN [1]

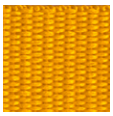

JADE - JD [1]


SIENNA - SI [1]


WISTERIA - WS [1]

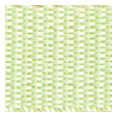
SUSPENSION STRAP


BLUFF - BF


CITRUS - CI

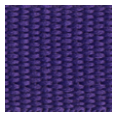

EMERALD - EM


FERN - FE


FROST - FS

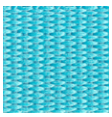

HIBISCUS - HI

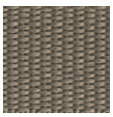

INDIGO - IN

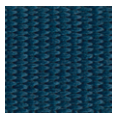

IRIS - IR

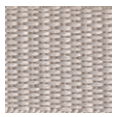

OLIVE - OL


POPPY - PO


SKY - SK


SLATE - SL


SPRUCE - SU


STONE - ST

AIRCRAFT CABLE


BLACK - BLK


SILVER - SLV

THREAD [2]


504 // BT


475 // BH


415 // FL


485 // GF


380 // HZ & QY

8470 // MY

842 // MO

1452 // OB

846 // PN

411 // PU

177 // SF

321 // SD

827 // SP

637 // BS [1]

8964 // CN [1]

8973 // JD [1]

175 // SI [1]

7377 // WS [1]

70115 [1]

416 [1]

163 [1]

8834 [1]

8186 [1]

7463 [1]

1095 [1]

4000 [1]

1 ONLY BY SPECIAL ORDER AFTER JAN 1ST 2027.
2 BY DEFAULT, THREAD COLOR WILL MATCH SPECIFIED FELT SELECTION. DEFAULT MATCHES INDICATED BY GREY TEXT FOLLOWING THREAD CODE.
* COLORS ARE SUBJECT TO SLIGHT VARIATION FROM YOUR SCREEN OR PAPER TO THE FINISHED PRODUCT.

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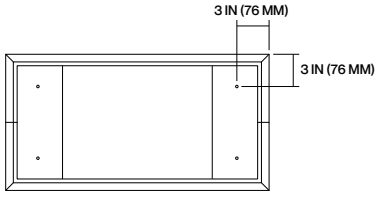
DIMENSIONS

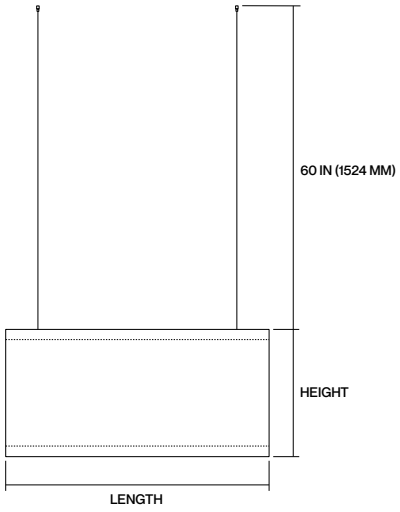
BLK-U

DATE	PROJECT	CATALOG #	FIXTURE TYPE

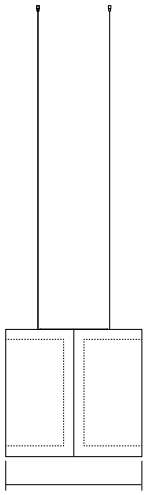
TOP



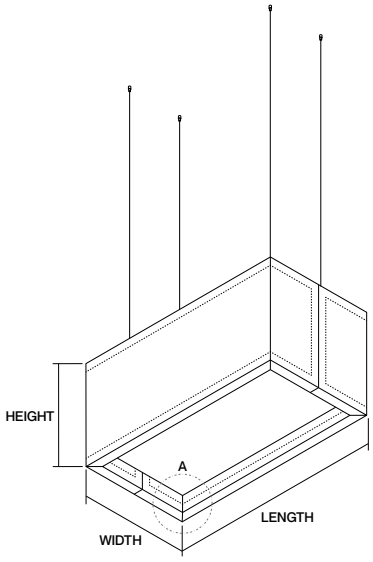
FRONT



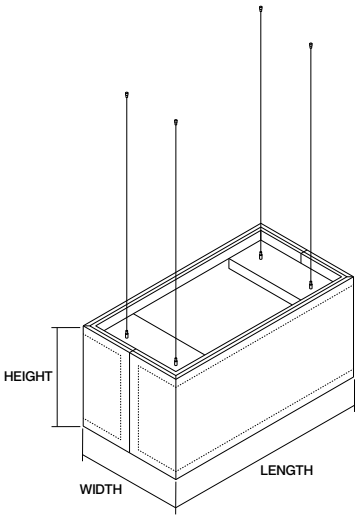
SIDE



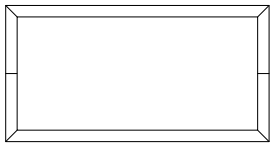
BOTTOM ISO

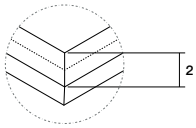


TOP ISO



BOTTOM





DETAIL A
LIGHT PANEL REGRESSED INTO FIXTURE

1 IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE METRIC.
2 PLEASE CONSULT THE FACTORY FOR WEIGHTS SPECIFIC TO CONFIGURATION.

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SUSPENSION TYPES

BLK-U

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	HARD CEILING	STRUT	STANDARD GRID	TEGULAR GRID
AIRCRAFT CABLE COUPLER 60" AIRCRAFT CABLE PRE-INSTALLED GRIPPER	ANCHOR [1]	P1000 STRUT CHANNEL 1 5/8" [1] STRUT NUT WITH STUD	CEILING GRID [1] 9/16" OR 15/16" T-BAR OR TWIST CLIP [2]	CEILING GRID [1] TEGULAR CLIP
STRAP WEBBING SUSPENSION ADAPTER 60" STRAP PRE-INSTALLED CAM BUCKLE	ANCHOR [1]	P1000 STRUT CHANNEL 1 5/8" [1] STRUT NUT WITH STUD	CEILING GRID [1] 9/16" OR 15/16" T-BAR OR TWIST CLIP [2]	CEILING GRID [1] TEGULAR CLIP
THREADED ROD 3/8" THREADED ROD [1] THREADED ROD ADAPTER PRE-INSTALLED THREADED INSERT	ANCHOR [1]	P1000 STRUT CHANNEL 1 5/8" [1] STRUT NUT WITH SPRING		
DIRECT TO PRE-INSTALLED THREADED INSERT		1/4"-20 BOLT 4" P1000 STRUT CHANNEL 1 5/8" [1] WASHER		

1 NOT PROVIDED
2 CONSULT FACTORY

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ACOUSTIC PERFORMANCE

BLK-U

TECHNICAL DATA

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BLOCK

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.

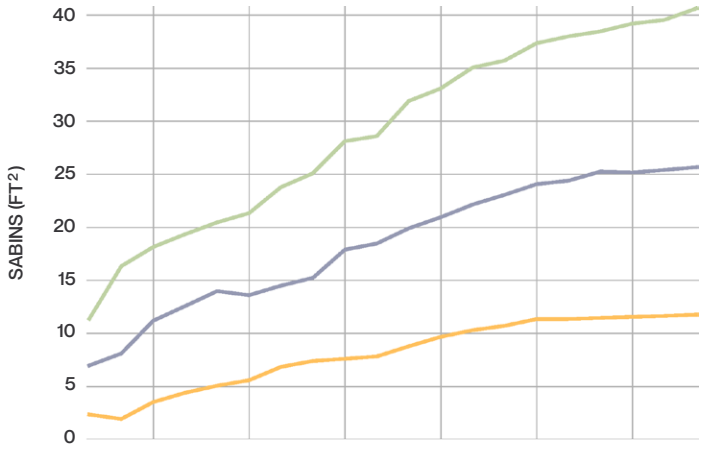
Projected NRC = .95

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.

BLOCK

ACOUSTIC PERFORMANCE



	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
L13 W13 H35	3.5	5.6	7.6	9.7	11.3	11.5
L24 W24 H35	11.2	13.6	17.9	20.9	24.1	25.1
L48 W24 H35	18.1	21.3	28.1	33.1	37.3	39.2

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NOTES

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ACOUSTIC MATERIAL

Our PET (polyester) felt panels contain minimum 60% post-consumer recycled polyester staple fiber. It is moisture resistant, fire rated, recyclable, and an outstanding absorber of acoustic energy.

- Fire retardant: ASTM E84 Class A, EN13501 Class B
- Construction: 100% polyester fiber (PET)
- Material certifications: OEKO-TEX® Standard 100, SCS Recycled Content, and Declare

CARE

Acoustic PET felt: Remove dust with compressed air, a vacuum or lint roller. Aluminum & polymer components: Remove dust and debris with a clean, dry, lint-free cloth.

CERTIFICATES/LISTING

This product is ETL listed and tested to meet UL standards for lit configurations. It complies with NEC and ANSI/NFPA 70 requirements, is RoHS compliant, and rated IP20 for use in dry, indoor locations only. 90 CRI configurations also meet Title 24 JA8-2016 requirements. Additionally, this product is GREENGUARD Gold certified and holds Declare, OEKO-TEX® Standard 100, and SCS Recycled Content certifications.

CONSTRUCTION

Acoustic luminaire comprised of ≥ 60% recycled PET material utilizing sewn construction to maximize strength, durability, and sound absorbency.

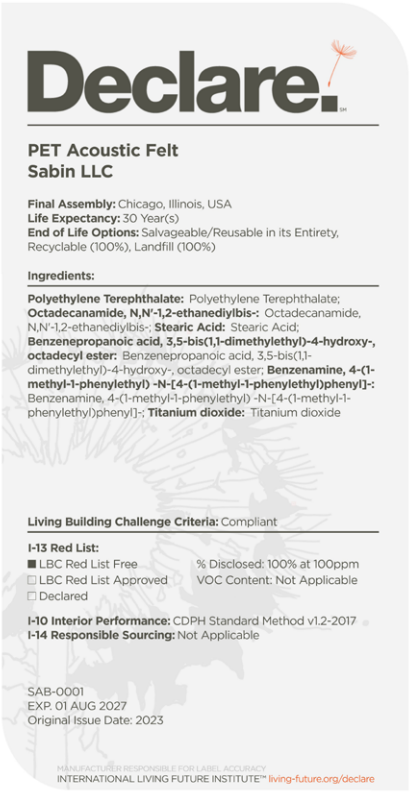
MOUNTING

Suspended by various methods including 1/16” aircraft cable, straps, grid clips or 3/8” threaded rod (adapters provided, threaded rod by others). Aircraft cable is available in precut lengths of 60” (1524 MM) or custom length from 24” (600 MM) to 240” (6096 MM). For lit units, fabric-covered power cord is provided along with a 5” (127 MM) feed canopy.

WARRANTY

Fixture rated for operation in conditioned environments up to 77°F (25°C). Fixture is warrantied to be free from defects and/or failure under normal Use and proper storage for five (5) years from date of shipment.





CONSULT FACTORY FOR SPECIFIC PRODUCT CONFIGURATIONS.

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