

DATE PROJECT FIRM FIXTURE TYPE

OVERVIEW

Quad is designed to ground a space with its unique form that balances planar structure with steady curves. It is made entirely of PET materials and carefully constructed with no metal or rigid frame. Quad is offered with a useful range of optical beam spreads, lumen packages, sizes, and configurations making it an ideal product to marry solutions of lighting design and acoustic performance. Its aesthetically elegant radius not only creates visual balance but, thanks to Sabin's signature sewn construction, eliminates the multiple parts, extra processes, and complex assembly that are usually required to achieve this rounded edge and unique shape.



SPECIFICATIONS

SERIES	LENGTH/ WIDTH (IN) ^{1,4}	HEIGHT ¹ (IN)	OUTER COLOR			INNER COLOR		
QUD-U	12	18	15QY QUARRY	15SP SAPPHIRE	15MS MOSS	15QY QUARRY	15SP SAPPHIRE	15MS MOSS
	24	24	15SD SAND	15SF SAFFRON	15FX FLAX	15SD SAND	15SF SAFFRON	15FX FLAX
	36	34	15PM PUMICE	15MY MERCURY	15BR BEETROOT	15PM PUMICE	15MY MERCURY	15BR BEETROOT
	48	54	15FL FLINT	15CB COBALT	15WS WISTERIA	15FL FLINT	15GF GULF	15WS WISTERIA
	CS ²	112	15HZ HAZEL	15SP SAPPHIRE		15HZ HAZEL	15SP SAPPHIRE	
		CH ³	15HZ OBSDIAN	15JD JADE		15OB OBSDIAN	15JD JADE	

1 IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE SHOWN ON PAGE 2.
2 CUSTOM SIZE AVAILABLE IN 1" (25MM) INCREMENTS.
3 CUSTOM HEIGHTS AVAILABLE IN 1" (25MM) INCREMENTS.
4 QUAD IS ALWAYS SQUARE. CHOSEN DIMENSION APPLIES TO BOTH LENGTH AND WIDTH.
CONTACT THE FACTORY FOR ADDITIONAL HEIGHT AND LENGTH OPTIONS.

TRIM COLOR (PREMIUM ADD-ON FINISH)				AIRCRAFT CABLE		CANOPY		CEILING HARDWARE	
NT NO TRIM	EM EMERALD	DU DUNE	PO POPPY	36BK 36" BLACK AC CABLE	BK BLACK	CTB9 T-BAR CADDY CLIP, 9/16"			
IN INDIGO	HI HIBISCUS	CY CLAY	IR IRIS	36SLV 36" SILVER AC CABLE	WH WHITE	CTB15 T-BAR CADDY CLIP, 15/16"			
SP SPRUCE	OL OLIVE	TM TIMBER	OX ONYX	60BK 60" BLACK AC CABLE		CTG9 TEGULAR CADDY CLIP, 9/16"			
SK SKY	FE FERN	CU CURRANT	WH WHITE	60SLV 60" SILVER AC CABLE		CTH15 TEGULAR CADDY CLIP, 15/16"			
AZ AZURE	FR FROST	ST STONE		120BK 120" BLACK AC CABLE		CHS HARD CEILING			
SG SAGE	BF BLUFF	SL SLATE		120SLV 120" SILVER AC CABLE					
LM LIME	SH SHELL	CT CITRUS							

COLOR

1.5MM FELT

CONTACT THE FACTORY FOR ADDITIONAL COLOR OPTIONS.



EXAMPLE PART NUMBER: QUD-U-3-18-935-SS-HP-10-FL-15QY-15QY-WH-60SLV-WH-CHS

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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.

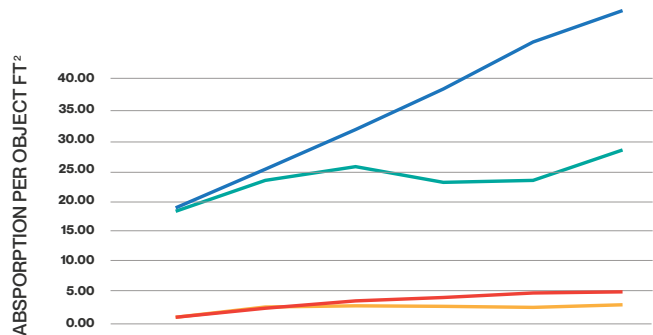
NRC NOISE REDUCTION COEFFICIENT (NRC) IS A SINGLE NUMBER VALUE RANGING FROM 0.0 TO 1.0 THAT DESCRIBES THE AVERAGE SOUND ABSORPTION PERFORMANCE OF A MATERIAL. AN NRC OF 0.0 INDICATES THE OBJECT DOES NOT ABSORB MID-FREQUENCY SOUND ENERGY, BUT REFLECTS IT. AN NRC OF 1.0 INDICATES THAT THE SOUND ABSORPTION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

PROJECTED NRC = .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.

SABIN QUAD FAMILY

ACOUSTIC PERFORMANCE



	125	250	500	1000	2000	4000
LIT 12 x 18	0.97	2.91	2.91	2.91	2.80	3.01
UNLIT 12 x 18	1.08	2.48	3.77	4.41	5.06	5.38
LIT 48 x 48	18.73	23.25	25.40	22.93	23.25	27.88
UNLIT 48 x 48	18.41	25.19	31.86	38.10	45.53	50.48

DIMENSIONS + WEIGHT

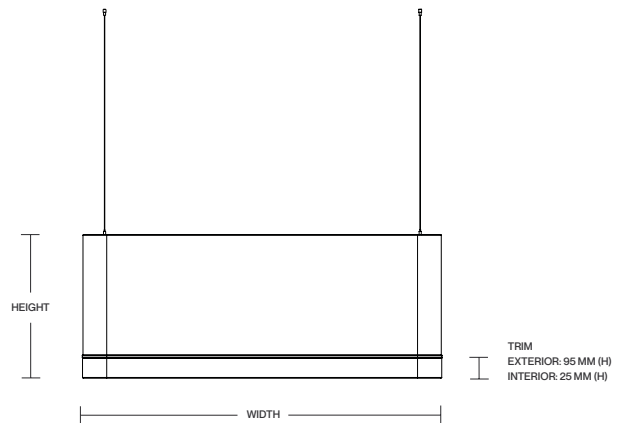
SERIES	HEIGHT ¹ (IN)	LENGTH/WIDTH ^{1,4} (IN)
QUD-U	18" (475MM)	12" (300MM)
QUAD	24" (600MM)	24" (600MM)
UNLIT	34" (850MM)	36" (900MM)
VERSION	54" (1350MM)	48" (1200MM)
	112" (2850MM)	CS CUSTOM SIZE ³
	CH CUSTOM HEIGHT ²	

1 IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE SHOWN IN MILLIMETERS.
2 CUSTOM HEIGHTS AVAILABLE BETWEEN 18" - 112" (475-2850MM) IN 1" (25MM) INCREMENTS.
3 CUSTOM SIZE AVAILABLE BETWEEN 12" - 48" (300-1200MM) IN 1" (25MM) INCREMENTS.
4 QUAD IS ALWAYS SQUARE. CHOSEN DIMENSION APPLIES TO BOTH LENGTH AND WIDTH.

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

WEIGHT

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



SEE DIMENSIONS + WEIGHT TABLE FOR LIMITATIONS

DATE	PROJECT	FIRM	FIXTURE TYPE
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ACOUSTIC MATERIAL

OUR 1.5MM 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: 16 STANDARD COLORS
- CONSTRUCTION: 100% POLYESTER FIBER (PET)

CONSTRUCTION

A HIGHLY ENGINEERED, ROBUST ACOUSTIC LUMINAIRE COMPRISED ALMOST ENTIRELY OF RECYCLED PET PARTS AND HELD TOGETHER WITH OUR SEWN CONSTRUCTION.

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. ETL LISTED FOR DRY LOCATIONS, IP20, ROHS COMPLIANT.

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.