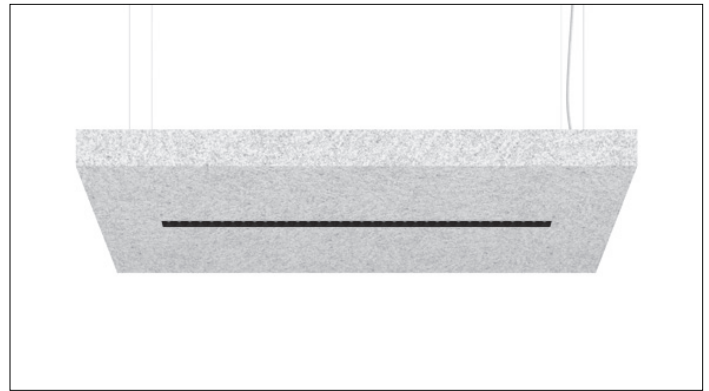


# 3G LIGHTING

## 3G-PQA-1ZL

RECTANGLE ACOUSTIC PENDANT  
ZOIE LINEAR

Acoustic body fabricated in 1/2" thick acoustic felt  
Available in 4', 5', 6' and 8' lengths with 20 color options  
1.5" aperture with one piece, trimless, extruded aluminum housing  
High performance, mini downlights delivering up to 1200 lumens per foot  
Features matte black or matte white multi-faceted louvers  
Regressed LED source with enhanced glare control, UGR <16  
Companion to 3G's linear Zoie product family  
Optional felt dust cover provides added acoustic value



PROJECT:		TYPE:	
CATALOG#:		DATE:	QTY:

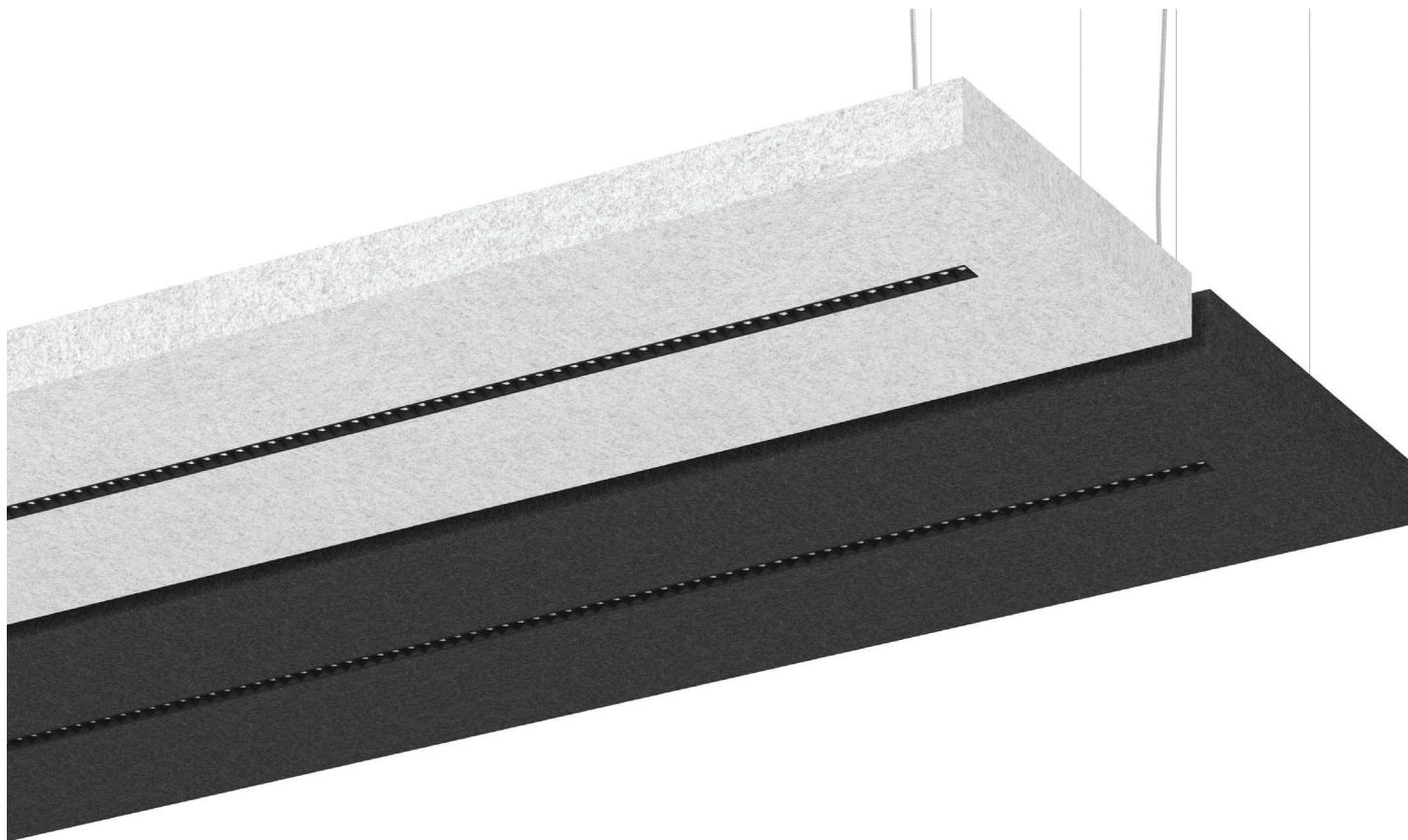
CAT. NO	FIXTURE SIZE	ACOUSTIC BODY	LOUVER FINISH	LUMEN OUTPUT	CRI
3G-PQA-1ZL	2448 - 24"x48" 2460 - 24"x60" 2472 - 24"x72" 2496 - 24"x96"	BXX - (SEE PAGE 2 FOR ALL COLORS)	BLV - BLACK WLV - WHITE	D300 - 300 LM/FT D500 - 500 LM/FT D750 - 750 LM/FT D1000 - 1000 LM/FT D1200 - 1200 LM/FT	H90 - 90+ CRI

COLOR TEMP	BEAM ANGLE	VOLTAGE	DRIVER	CABLE LENGTH
27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	15D - 15° 35D - 35° 55D - 55°	UNV - 120/277V 120 - 120V	DIM - 0-10V (100-1%) LE - PHASE DIM (TRIAC/ELV, 100-1%) <sup>1</sup> D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) <sup>2</sup> DHL2 - LUTRON HI-LUME (1% ECOSYSTEM)	60" - 60" 120" - 120"

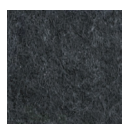
OPTIONS
JNR - JOINER KIT ADC - ACOUSTIC DUST COVER

<sup>1</sup> Phase dimming options available in 120V only

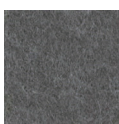
<sup>2</sup> DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options



**ACOUSTIC BODY COLORS**



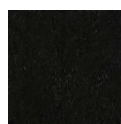
**BSG**  
Steel gray



**BRG**  
Rhino gray



**BCH**  
Charcoal



**BBK**  
Black



**BSW**  
Snow white



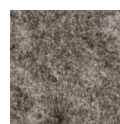
**BBE**  
Beige



**BLM**  
Light marble



**BAG**  
Ash gray



**BDM**  
Dark marble



**BFG**  
Forest green



**BAP**  
Apple green



**BNG**  
Neon green



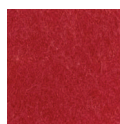
**BEG**  
Emerald green



**BYE**  
Yellow



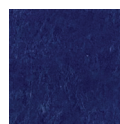
**BOR**  
Orange



**BRE**  
Red



**BGP**  
Grape prune



**BAB**  
Admiral blue



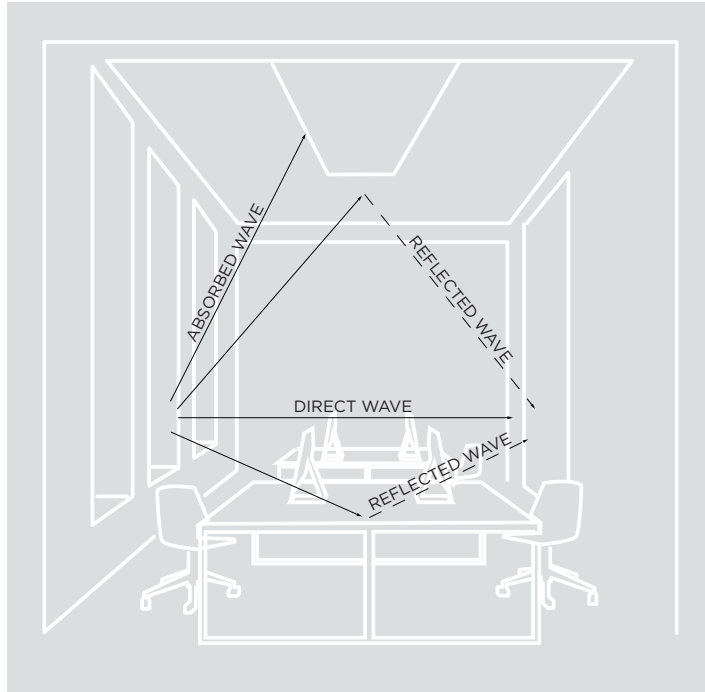
**BSB**  
Sky blue



**BTU**  
Turquoise

## SOUND WAVE IN A GIVEN SPACE

When a sound wave is emitted from its source, it propels in all directions. The sound carries in a space unless it comes across an obstruction or an absorbing element such as carpeting, or upholstery. Harder materials will enable sound waves to reverberate in the space for a longer period of time. A sound can be direct like a face to face conversation and it can be reflected back from a hard surface.



## REVERBERATION

The persistence of sound after it has been stopped due to multiple reflections from surfaces within a closed space



## T60 : REVERBERATION TIME

The time it takes for a sound to decay by 60 dB once the source of sound has stopped. Reverberation time is the basic acoustical property of a room which depends only on its dimensions and the absorptive properties of its surfaces and contents. An acceptable value for class rooms and libraries ranges between 0.5-0.9 seconds. A suitable value for open offices and conference rooms ranges between 0.7 and 1.25 seconds



## NRC - NOISE ABSORPTION COEFFICIENT

The Noise Reduction Coefficient is a scalar representation of the amount of sound energy absorbed upon striking a particular surface. an NRC of 0 indicates perfect reflection. an NRC of 1 indicates perfect absorption. Higher number equals better performance.



## SABIN

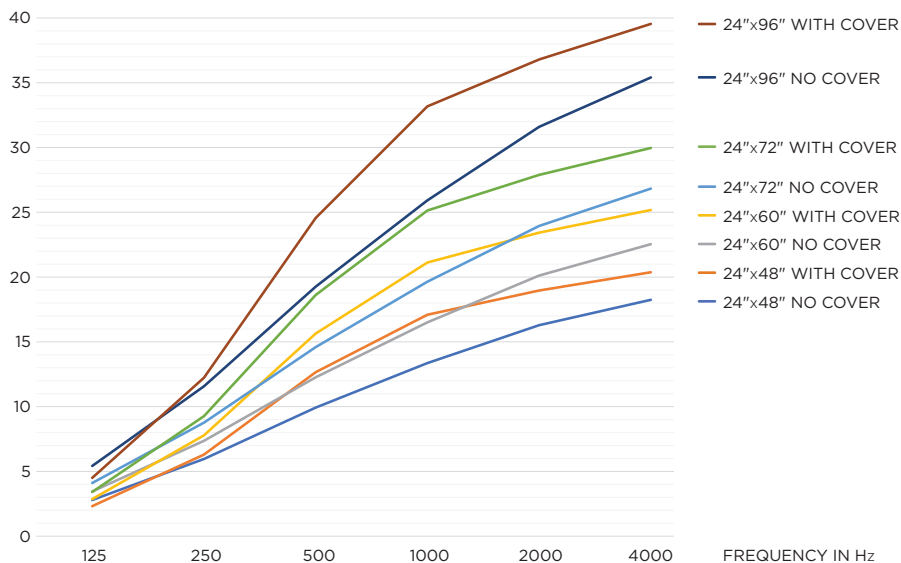
A unit of sound absorption based on one square foot of material. Products with higher Sabin values provide more sound absorption.

## SABIN COUNT

The sum total of the absorption coefficients in a room. Stronger NRC values will deliver higher Sabin counts.

## ACOUSTIC PERFORMANCE

SABINS PER UNIT



## OPTICS

1" apertures with regressed LED source for maximum visual comfort  
Proprietary polycarbonate multi-faceted reflectors with UGR <16  
Beam angles available in 15°, 35° and 55°  
Matte black or matte white multi-faceted louvers

## HOUSING

Extruded aluminum housing with 1.5" aperture  
24-gauge LED reflector with high reflectance white powder coated finish  
Standard polyester powder coated finishes include matte white and black

## ACOUSTIC HOUSING

Acoustic housing fabricated in 1/2" thick acoustic felt  
Optional felt dust cover provides added acoustic value  
Acoustic NRC value up to 0.9  
Produced with recycled polyester fiber and +/- 60% from recycled water bottles  
Material is 100% recyclable  
0% VOC's  
Fire rating ASTM E-84 Class A / CAN ULC S102

## MOUNTING

Adjustable aircraft cable suspension with locking fasteners  
Standard, 18-gauge, 5 conductor single circuit power feed (clear braided finish)  
All mounting canopies provided in white finish as standard  
Suitable for various architectural ceilings (see mounting details)  
Fixture weight including cover: +/- 5 lbs/ft

## LED SYSTEM

Standard 90+ CRI  
Color consistency <2 SDCM  
Available in 27K, 30K, 35K, and 40K  
L90 > 60,000 hours

## ELECTRICAL

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
Standard 120/277V universal voltage with several driver options  
Integral drivers are easily accessible through luminaire aperture

## LISTING

ETL listed and conforms to UL1598 standard  
Certified to CSA22.2 NO.250.0.  
Suitable for dry locations

## WARRANTY

5 year limited warranty  
LED system rated for operation in ambient environments up to 25°C

## PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
300	332	2.7	124
500	500	4.2	118
750	750	6.5	115
1000	1000	8.9	112
1200	1200	11.0	109

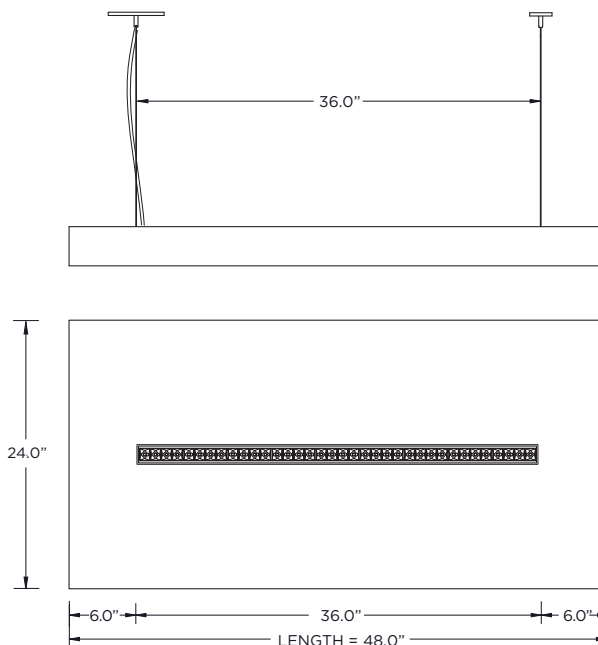
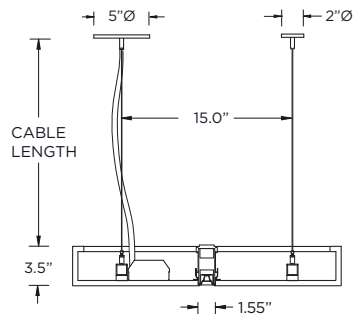
BASED ON 90+ CRI, 3500K, 35D OPTIC  
Lumen output and actual wattage may vary +/- 5%

## MULTIPLIERS

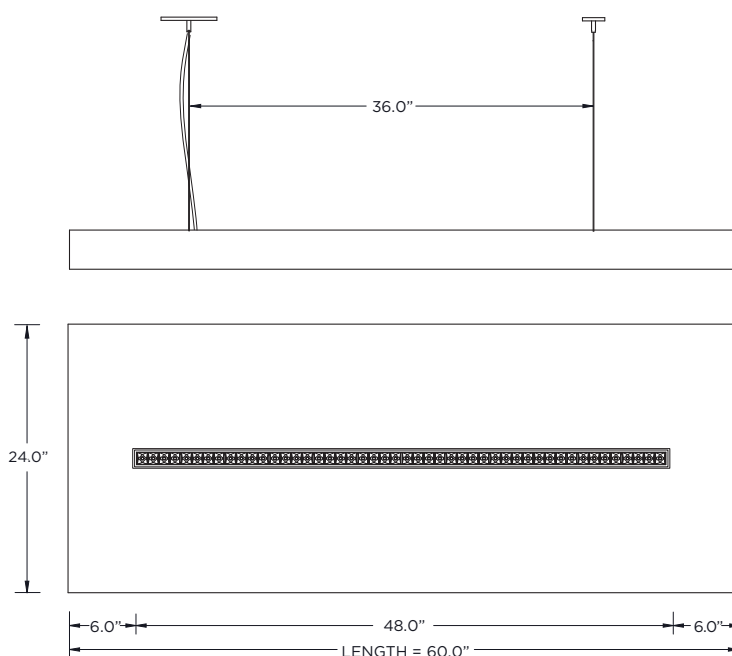
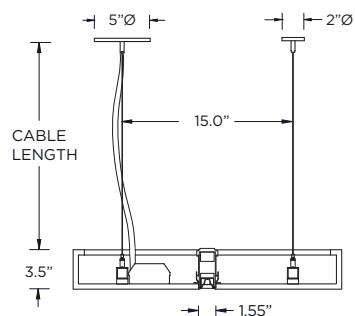
BEAM ANGLE	
15D	0.94
35D	1.00
55D	0.78

COLOR TEMP	
2700K	0.94
3000K	0.97
3500K	1.00
4000K	1.07

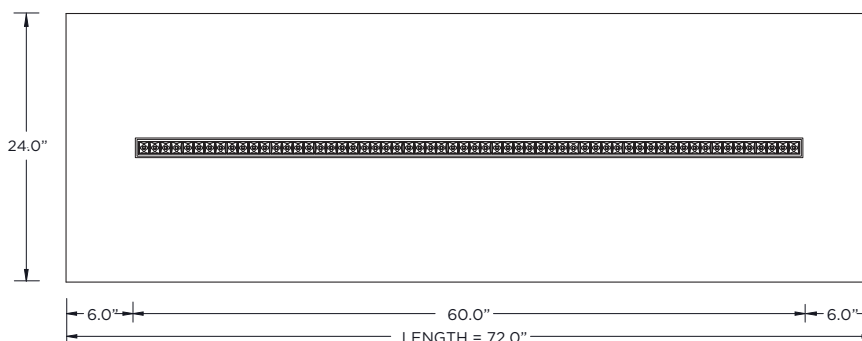
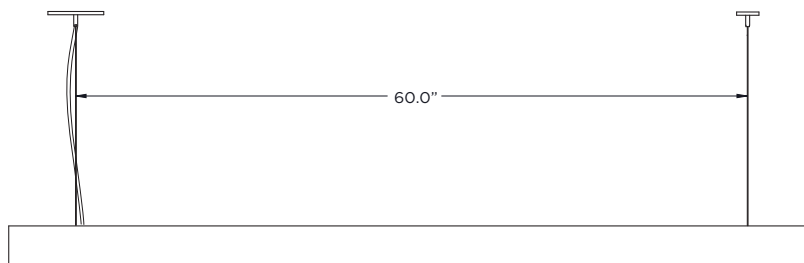
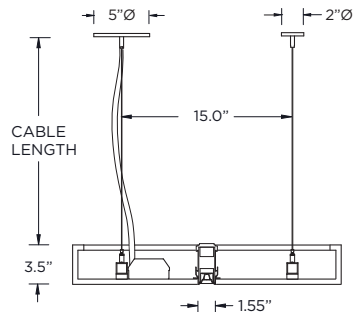
**24"x48" PENDANT**



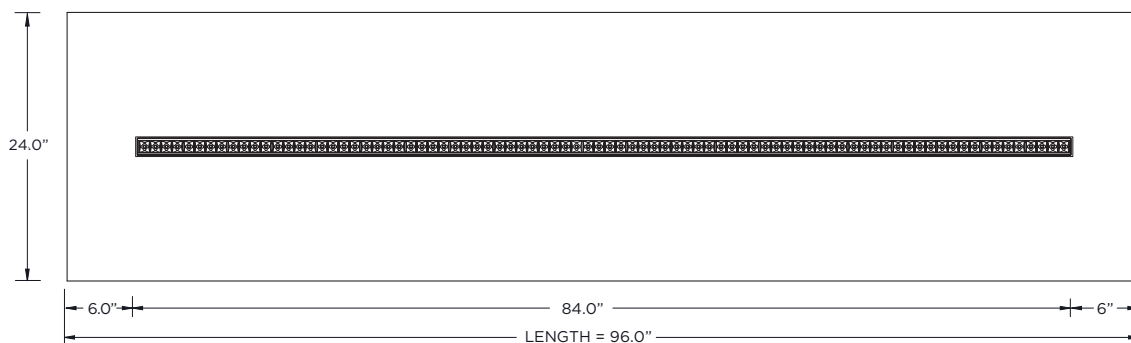
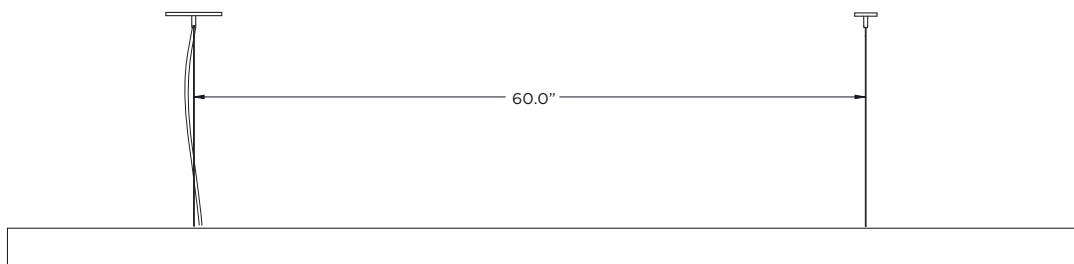
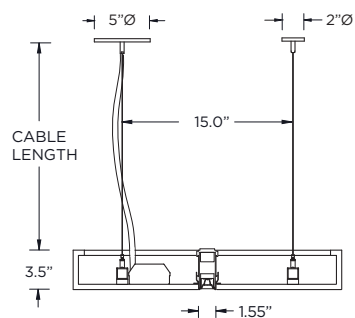
**24"x60" PENDANT**

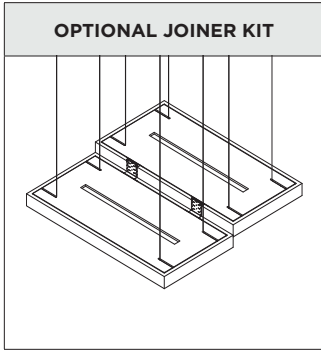


**24"x72" PENDANT**

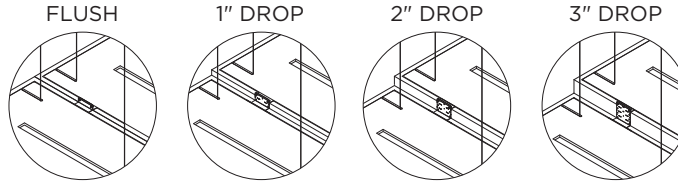


**24"x96" PENDANT**

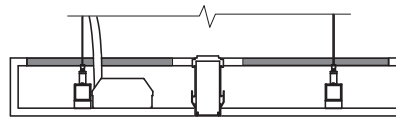
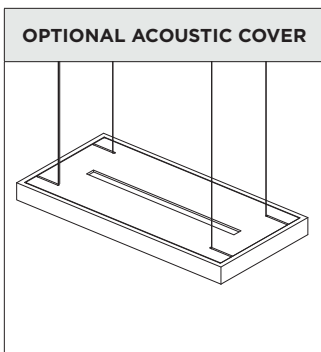




**ADJUSTABLE TO 4 HEIGHT OPTIONS**



Optional Joiner kit can be installed to align multiple pendants  
Brackets attach to the top of each fixture with 4 different mounting positions  
Kits ordered separately and installed by others



Optional acoustic dust cover  
Made from 1/2" thick acoustic felt  
Provides enhanced acoustic value

**MOUNTING DETAILS**

