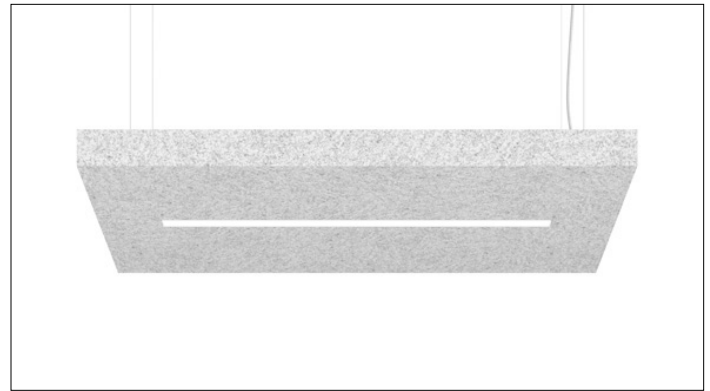




## 3G-PQA-1LI

RECTANGLE ACOUSTIC PENDANT  
1.5" LINIA



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  
Extruded acrylic lens with optimal performance and glare control  
Companion to 3G, 1.5" Linia series  
Optional felt dust cover provides added acoustic value

<b>PROJECT:</b>		<b>TYPE:</b>	
<b>CATALOG#:</b>		<b>DATE:</b>	<b>QTY:</b>

CAT. NO	FIXTURE SIZE	ACOUSTIC BODY	HOUSING FINISH	LUMEN OUTPUT
<b>3G-PQA-1LI</b>	<b>2448</b> - 24"x48" <b>2460</b> - 24"x60" <b>2472</b> - 24"x72" <b>2496</b> - 24"x96"	<b>BXX</b> - (SEE PAGE 2 FOR ALL COLORS)	<b>WH</b> - WHITE	<b>D250</b> - 250 LM/FT <b>D500</b> - 500 LM/FT <b>D750</b> - 750 LM/FT <b>D1000</b> - 1000 LM/FT <b>DC__</b> - CUSTOM OUTPUT (SPECIFY LM/FT) *  <small>*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed D1000</small>

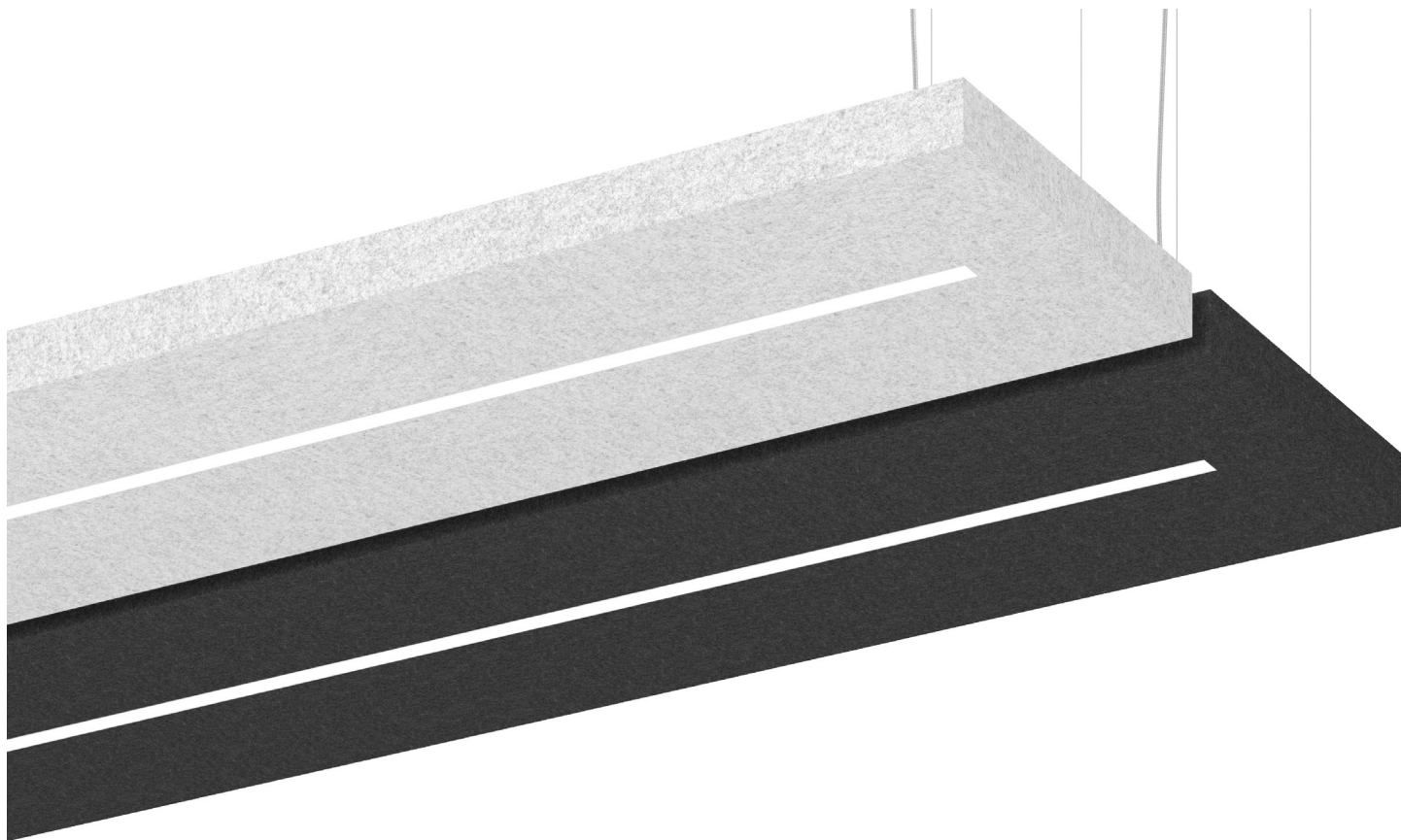
CRI	COLOR TEMP	VOLTAGE	DRIVER	LENS OPTION
<b>S80</b> - 80+ CRI <b>H90</b> - 90+ CRI	<b>27K</b> - 2700K <sup>1</sup> <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K	<b>UNV</b> - 120/277V <b>347</b> - 347V <sup>2</sup>	<b>DIM</b> - 0-10V (100-1%) <b>D01</b> - 0-10V (100-0.1%) <b>DALI</b> - DALI (100-1%) <sup>3</sup> <b>DHL2</b> - LUTRON HI-LUME (1% ECOSYSTEM) <b>DMX</b> - DMX (100-0%)	<b>FL</b> - FLUSH LENS <b>DASY</b> - ASYMMETRIC LENS

CABLE LENGTH	OPTIONS
<b>60"</b> - 60" <b>120"</b> - 120"	<b>JNR</b> - JOINER KIT <b>ADC</b> - ACOUSTIC DUST COVER

<sup>1</sup> 2700K only available in 90CRI

<sup>2</sup> 347 available in "DIM" 0-10V only (100-1%)

<sup>3</sup> DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options



**ACOUSTIC BODY COLORS**

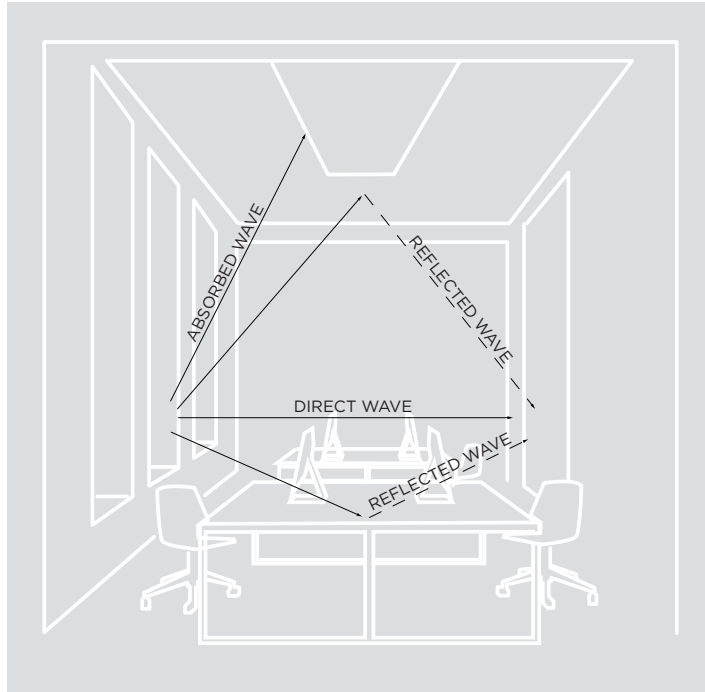
									
<b>BSG</b> Steel gray	<b>BRG</b> Rhino gray	<b>BCH</b> Charcoal	<b>BBK</b> Black	<b>BSW</b> Snow white	<b>BBE</b> Beige	<b>BLM</b> Light marble	<b>BAG</b> Ash gray	<b>BDM</b> Dark marble	<b>BFG</b> Forest green
									
<b>BAP</b> Apple green	<b>BNG</b> Neon green	<b>BEG</b> Emerald green	<b>BYE</b> Yellow	<b>BOR</b> Orange	<b>BRE</b> Red	<b>BGP</b> Grape prune	<b>BAB</b> Admiral blue	<b>BSB</b> Sky blue	<b>BTU</b> Turquoise

**NOTE:**

Acoustic felt colors may vary slightly due to dye-lot variation. Colors shown digitally may also vary by screen. Physical samples should be used for color reference

## 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

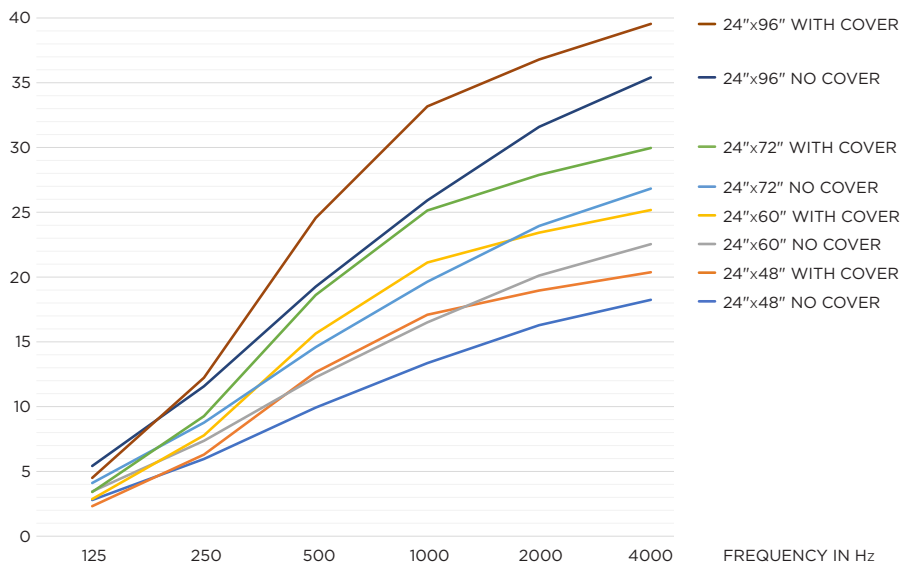
A unit of sound absorption based on one square foot of material. Products with higher Sabin values provide more sound absorption.

## 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

Extruded, satin acrylic lens designed for optimal performance and glare control  
High performance asymmetric optics available

## HOUSING

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

## 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  
White cable and white mounting canopies provided as standard  
Suitable for various architectural ceilings (see mounting details)  
Fixture weight including cover: +/- 4.5 lbs/ft

## LED SYSTEM

Proprietary LED system with color consistency <3 SDCM  
Available in 27K, 30K, 35K, and 40K  
Standard 80+CRI. Optional 90+CRI  
R9 value of 56 for 90+CRI  
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

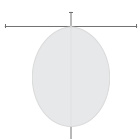
## LISTING

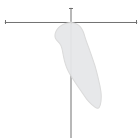
ETL listed and conforms to UL1598 standard  
Certified to CSA22.2 NO.250.0.  
Suitable for dry locations

## WARRANTY

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

## LENS OPTION

FLUSH	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.3	107
	500	4.7	107
	750	7.0	108
	1000	9.6	104

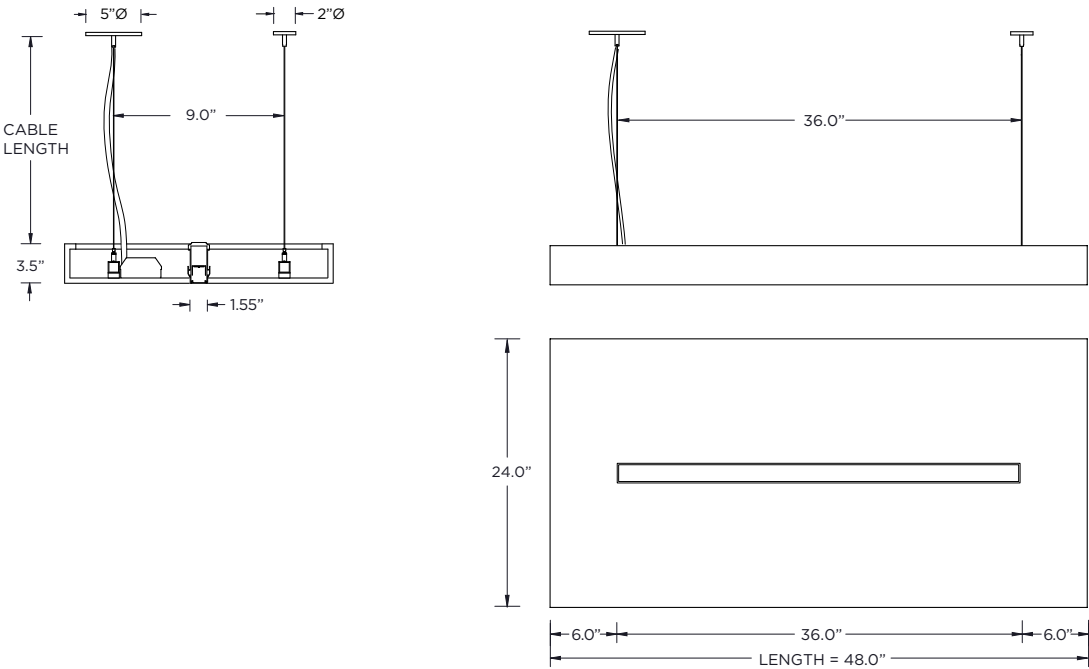
ASYMMETRIC	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
	250	2.2	112
	500	4.5	112
	750	6.5	115
	1000	9.0	111

DELIVERED LUMENS PER FOOT BASED ON 80+ CRI, 3500K  
Lumen output and actual wattage may vary +/- 5%

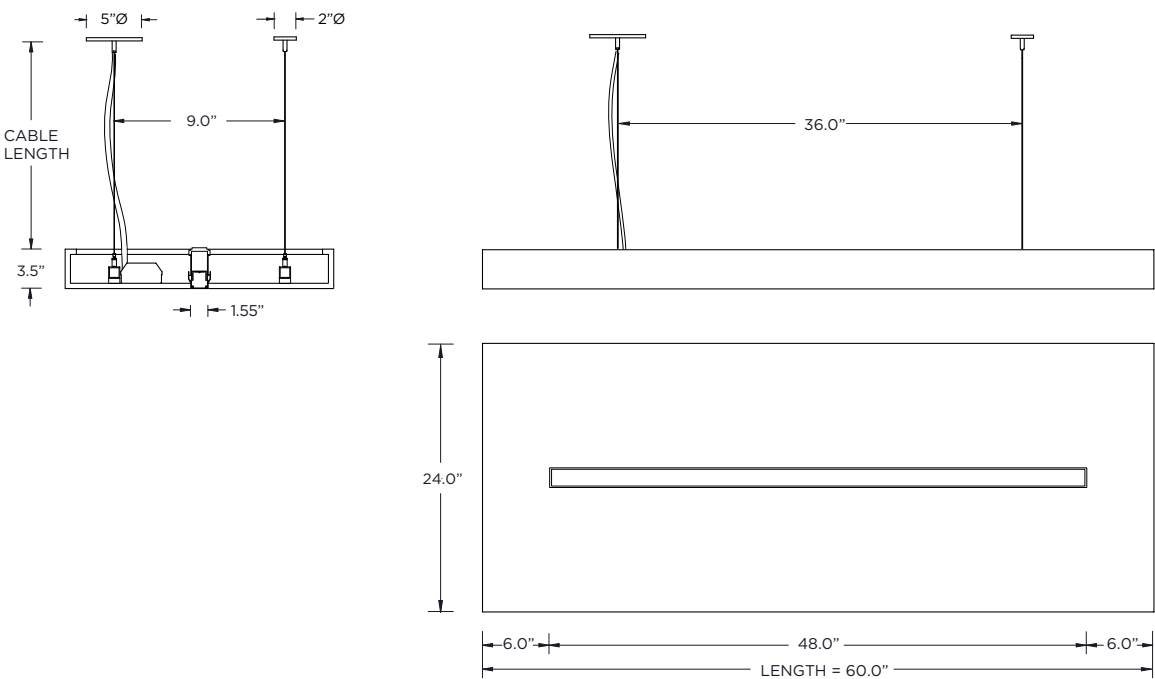
## LUMEN OUTPUT MULTIPLIERS

COLOR TEMP	80+ CRI	90+ CRI
2700K	N/A	0.78
3000K	0.97	0.83
3500K	1.00	1.00
4000K	1.02	1.02

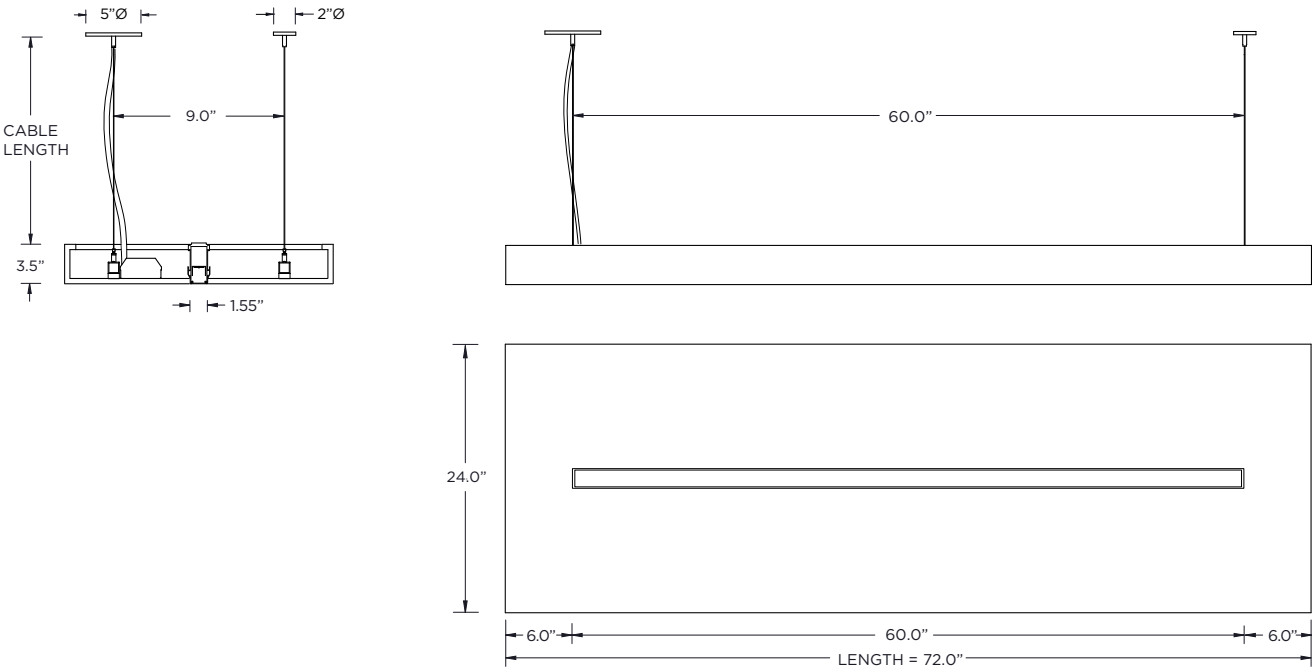
24"x48" PENDANT



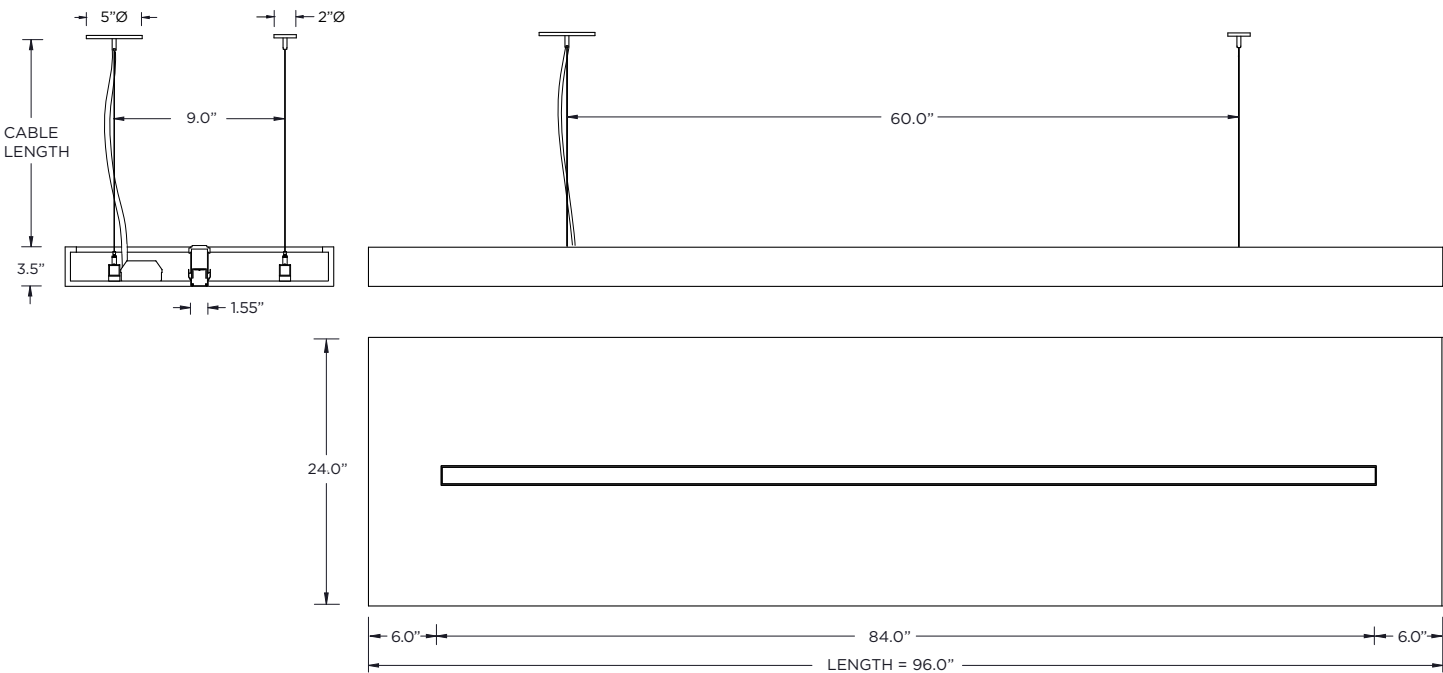
24"x60" PENDANT

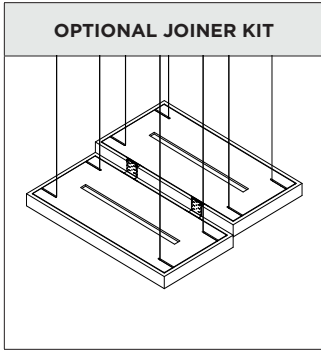


24"x72" PENDANT

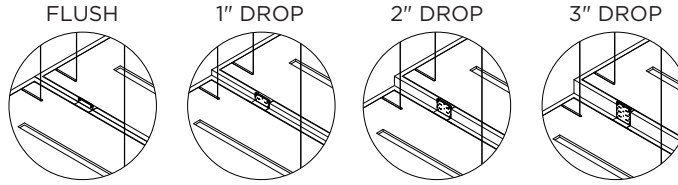


24"x96" PENDANT

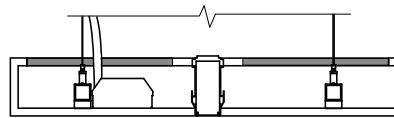
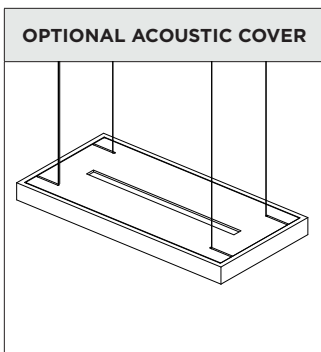




**ADJUSTABLE TO 4 HEIGHT OPTIONS**



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**

