

# ELKE 4226

PROJECT PROJCT
SPEC TYPE
NOTES



## FELT FINISH FINI FEUTRE



ADDITIONAL PREMIUM COLORS AVAILABLE – SEE ACOUSTIC MATERIAL COLOR OPTIONS PAGE

## COLOR MIX MIX COULEUR

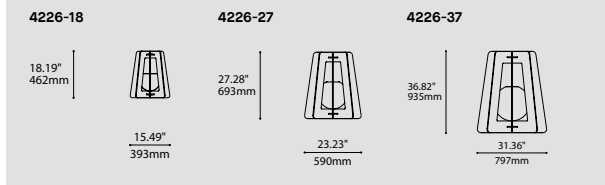
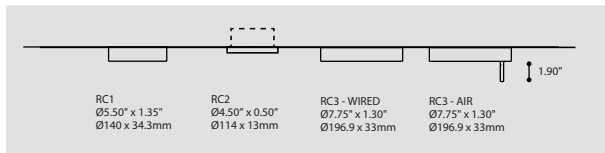


## FAMILY FAMILLE



4226U-27

4230



## ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE

CODE

<b>MODEL MODÈLE</b>					
4226-18	SMALL ELKE				
4226-27	MEDIUM ELKE				
4226-37	LARGE ELKE				
<b>LIGHT SOURCE SOURCE LUMINEUSE</b>		<b>LED</b>			
(WATTAGE, LAMP TYPE, OTHER INFO)					
LED	REGULAR OUTPUT				
<b>COLOR TEMPERATURE TEMPÉRATURE DE COULEUR (4)</b>					
27	2700K				
30	3000K				
35	3500K				
40*	4000K				
* LONGER LEAD TIME MAY APPLY. PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					
<b>COLOR RENDERING INDEX (CRI) INDICE DE RENDU DE COULEUR (IRC)</b>		<b>90</b>			
90	90+ CRI				
<b>VOLTAGE VOLTAGE</b>					
120V	120 VOLT				
277V	277 VOLT				
<b>CONTROL OPTION OPTION DE CONTRÔLE</b>					
DV	0-10V DIMMING (120V-277V)				
DP	PHASE DIMMING (120V ONLY)				
NLTAIR2*	NLIGHT AIR CONTROL GEN 2				
NLIGHT*	NLIGHT WIRED CONTROL				
* REQUIRES RC3 CANOPY					
* FOR EMERGENCY BATTERY WITH NLIGHT OPTIONS, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE. REFER TO NLIGHT GUIDE AND INSTALLATION SHEET FOR ALL REQUIREMENTS.					
<b>EMERGENCY BATTERY BATTERIE D'URGENCE</b>					
EM DRIVER BOX INCLUDED, INSTALLED REMOTELY. SEE EM GUIDE FOR DETAILS.					
EMB (1)	EMERGENCY BATTERY FOR REMOTE BOX				
(1) 3981E ACCESSORY IS REQUIRED FOR THIS OPTION					
<b>CABLE CÂBLE</b>		<b>C</b>			
C	CLEAR CABLE, FIELD ADJUSTABLE				
<b>CABLE LENGTH LONGUEUR DE CÂBLE</b>					
60	60" CABLE (STD LENGTH)				
**	CUSTOM CABLE LENGTH (PLEASE SPECIFY)				
FOR OVERALL LENGTH, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					
<b>MOUNTING MONTAGE</b>					
RC1	ROUND CANOPY / PAVILLON ROND				
RC2*	SCREWLESS 1.35" CANOPY (2473F)				
RC3*	SCREWLESS 0.5" CANOPY (2471C)				
	NLIGHT SCREWLESS CANOPY 0.75" x 1.30" (2474H)				
* 3983 ACCESSORY PROVIDED					
<b>CANOPY FINISH FINI PAVILLON</b>					
BLKE	BLKE FINE TEXTURE				
WHE	WHITE FINE TEXTURE				
RAL*	PLEASE SPECIFY RAL CODE				
* LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					
<b>POWER CORD FINISH FINI CÂBLE D'ALIMENTATION</b>		<b>CLR</b>			
CLR	CLEAR VINYL CABLE				
<b>MAIN PANELS FELT FINISH PANNEAUX PRINCIPAUX FINI FEUTRE</b>					
ABF	AZURE BLUE FELT	BYF	BANANA YELLOW FELT	REF	RED FELT
AWF	ARCTIC WHITE FELT	CHF	CHARCOAL FELT	SGF	SILVER GRAY FELT
BBF	BASIC BLACK FELT	NBF	NAVY BLUE FELT	TGF	TITANIUM GRAY FELT
BOF	BLOOD ORANGE FELT	OBF	OCEAN BLUE FELT	ZFF	ZINFANDEL FELT
BTF	BATTLESHIP GRAY FELT	PGF	PEAR GREEN FELT		
PREMIUM* PLEASE SPECIFY PREMIUM COLOR CODE – SEE ACOUSTIC MATERIAL COLOR OPTIONS PAGE					
* LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					
<b>BLADES FELT FINISH AILES FINI FEUTRE</b>					
ABF	AZURE BLUE FELT	BYF	BANANA YELLOW FELT	REF	RED FELT
AWF	ARCTIC WHITE FELT	CHF	CHARCOAL FELT	SGF	SILVER GRAY FELT
BBF	BASIC BLACK FELT	NBF	NAVY BLUE FELT	TGF	TITANIUM GRAY FELT
BOF	BLOOD ORANGE FELT	OBF	OCEAN BLUE FELT	ZFF	ZINFANDEL FELT
BTF	BATTLESHIP GRAY FELT	PGF	PEAR GREEN FELT		
PREMIUM* PLEASE SPECIFY PREMIUM COLOR CODE – SEE ACOUSTIC MATERIAL COLOR OPTIONS PAGE					
* LONGER LEAD TIME MAY APPLY, PLEASE CONTACT YOUR EUREKA REPRESENTATIVE					
<b>ACCESSORY ACCESSOIRE</b>					
ALL ACCESSORIES ARE AVAILABLE FOR ADVANCE SHIPPING					
3983	DEEP JUNCTION BOX (PROVIDED)				
<b>EMERGENCY BATTERY ACCESSORY ACCESSOIRE BATTERIE D'URGENCE</b>					
3981EA	ELECTRICAL BOX FOR EMB EMERGENCY BATTERY				
<b>PRODUCT CHARACTERISTICS CARACTÉRISTIQUES DU PRODUIT</b>					



SPECIFICATION

# Acoustic Material Color Options for Elke

## Standard colors



**ABF**  
Azure Blue



**AWF**  
Arctic White



**BBF**  
Basic Black



**BOF**  
Blood Orange



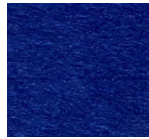
**BTF**  
Battleship Gray



**BYF**  
Banana Yellow



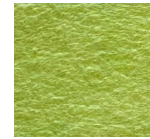
**CHF**  
Charcoal



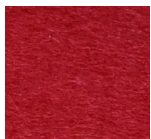
**NBF**  
Navy Blue



**OBF**  
Ocean Blue



**PGF**  
Pear Green



**REF**  
Red



**SGF**  
Silver Gray



**TGF**  
Titanium Gray



**ZFF**  
Zinfandel

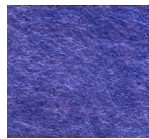
## Premium colors



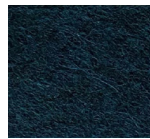
**BGF**  
Bubble Gum



**BKF**  
Bark Brown



**DBF**  
Denim Blue



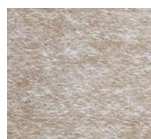
**DTF**  
Deep Teal Green



**DYF**  
Daisy Yellow



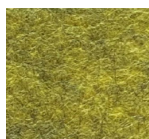
**GGF**  
Grass Green



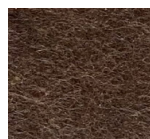
**LBF**  
Light Beige



**LGF**  
Lime Green



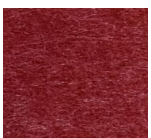
**MGF**  
Moss Green



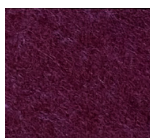
**OAF**  
Oak Brown



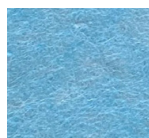
**PBF**  
Peanut Brown



**PNF**  
Pinot Noir



**PPF**  
Plum Purple



**SBF**  
Sky Blue



**TOF**  
Tangerine Orange



**TPF**  
Tulip Purple

— Premium colors carry extended lead times. Additional fees may apply for expedited lead times. Please consult factory.  
— Due to the dye process, colors may vary slightly from batch to batch.

# ELKE 4226

## SEAMLESS INSTALLATION

Elke is suspended on a aircraft cable and powered with a clear power cable and is available with a standard 1,35in or a slim 0,5in magnetic canopy. Elke unlit is hung on an aircraft cable without canopy. 4226-18 is hung with power cable exclusively

## MAIN PANELS

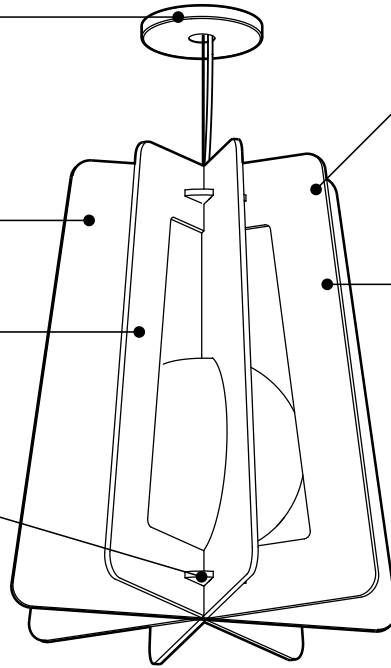
The main panels fulfill a strong geometric aspect

## BLADES

The cut-open blades finish the bold look and keeps everything breathy. Blades can be a different felt color from the main panels. Unlit version has full blades.

## BRACKETS

The brackets holds the blades in place and will always be the same color as the main panels



## BIG FAMILY

Elke is available in 3 sizes, allowing a lot of configurations. Also available as an unlighted pendant (Elke Unlit 4226U)

## SOUND ABSORBING SHADE

The shade is composed of interlocked sound absorbing panels that increases acoustic comfort.

## ECOLOGICAL

Custom CNC cut polyester felt panels made from recycled bottles (PET). Panels are also recyclable.



## MIXED FELT COLOR POSSIBILITY

It is possible to create a combination of 2 felt colors from our selection of Standard and Premium felt colors

## COLORS

Available in 14 standard colors and 16 Premium colors. For all color options, refer to the Acoustic Material Color Options page.

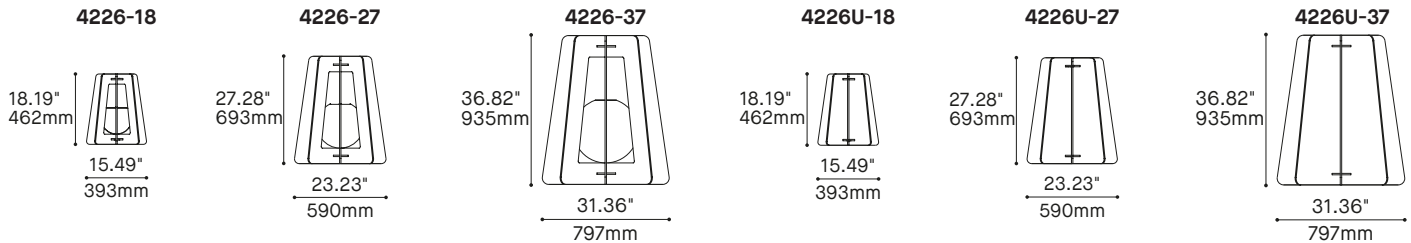
## CLEANING

A proper and regular cleaning will help extend the lifespan of acoustic products. Remove dust with a vacuum cleaner and light stains with a damp cloth. For greasy and deep stains, a professional dry clean is recommended. Do not use any abrasive, soap, or chemical cleaner.



## NOISE REDUCTION FIXTURES

Lighted versions (Elke 4226) or the versions without light source (Elke Unlit 4226U) can be used alone or combined to create impressive layouts, while multiplying the sound absorption.

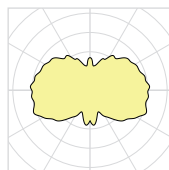


PRODUCT SPECIFICATION	4226-18	4226-27	4226-37	4226U-18	4226U-27	4226U-37
<b>PERFORMANCE</b>						
SYSTEM WATTAGE	9.8 W	9.8 W	14.1 W	N/A	N/A	N/A
DELIVERED LUMENS (4000K)	677 LM	732 LM	1043 LM			
EFFICACY	70.5 LM/W	74.7 LM/W	73.1 LM/W			
<b>OTHER INFORMATION</b>						
WEIGHT	2.82 LBS / 1.28KG	6.28 LBS / 2.85 KG	11.46 LBS / 5.20 KG	1.76 LBS / 0.8KG	4.52 LBS / 2.05 KG	7.19 BS / 3.26 KG
L70 (LUMEN MAINTENANCE)	> 55 000 HRS	> 55 000 HRS	> 55 000 HRS	N/A	N/A	N/A
FELT	HIGH DENSITY 9MM POLYESTER FELT					
ACOUSTIC	ACOUSTIC MATERIAL RATED AT 0.75 N					
FIRE RATING	ASTM E84-13 (FELT MATERIAL ONLY)					
MAX. LUMINANCE 45°-90° OF NADIR	429 CD/M2	203 CD/M2	152 CD/M2	N/A	N/A	N/A

## EFFICACY MULTIPLIERS

CRI	CCT	FACTOR
90+	4000K	1.00
90+	3500K	0.97
90+	3000K	0.94
90+	2700K	0.91

## LIGHT DISTRIBUTION



4226-XX



Visit our website for warranty terms and conditions.



## TECHNICAL DATA

# ELKE 4226

## INSTALLATION SANS QUINCAILLERIE VISIBLE

Elke est suspendu sur câble d'acier ainsi qu'un câble électrique clair sur un pavillon magnétique standard de 1,35po ou mince de 0,5po. Elke Unlit est suspendu par câble d'acier sans pavillon. 4226-18 est suspendu par câble électrique seulement.

## PANNEAUX PRINCIPAUX

Les panneaux principaux renforcent la géométrie.

## AILETTES

Les ailes ajouré viennent alléger et permettre au look de respirer. Les ailettes peuvent être d'une couleur différente des panneaux principaux. La version sans source lumineuse à des ailettes pleines.

## BRACKETS

Les brackets tiennent les ailettes en place et sont de la couleur des panneaux principaux

## NETTOYAGE

Un nettoyage approprié et régulier contribuera à prolonger la durée de vie des produits acoustiques. Enlever la poussière avec un aspirateur et les taches légères avec un linge humide. Pour les tâches importantes ou grasses, un nettoyage à sec est recommandé. Ne pas utiliser de produits abrasifs, de savon ou de produits nettoyants chimiques.



## ATTÉNUATION DU BRUIT

Les versions éclairées (Elke 4226) ou sans source lumineuse (Elke Unlit 4226U) peuvent s'utiliser seules ou être disposés de façon à créer d'impressionnant agencement, multipliant ainsi l'absorption du bruit ambiant.

## FAMILLE DE PRODUIT

Elke est disponible en 3 formats, permettant un lot de configurations. Également disponible en suspension non éclairé (Elke Unlit 4226U)

## ABAT-JOUR INSONORISANT

L'abat-jour du luminaire est composé de panneaux insonorisant entrecroisés qui augmentent le confort acoustique.

## ÉCOLOGIQUE

Panneaux de polyester faits de bouteilles de plastique recyclées (PET) et coupés sur mesure. Les panneaux sont recyclables.



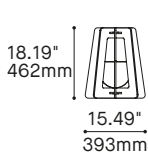
## MIX DE COULEURS POSSIBLES

Il est possible de créer des combinaisons de 2 couleurs à travers notre sélection de feutres couleurs Standard ainsi que nos couleurs Premium

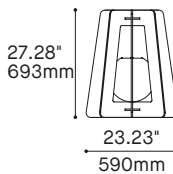
## COULEURS

Disponible en 14 couleurs standards et 16 couleurs Premium. Pour toute les options, consultez la Fiche de Spécification

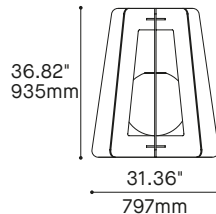
4226-18



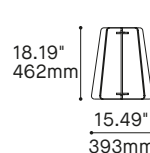
4226-27



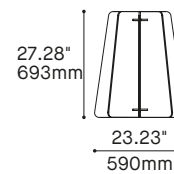
4226-37



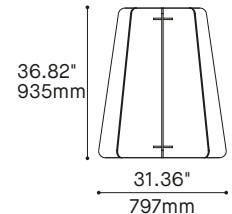
4226U-18



4226U-27



4226U-37



## SPÉCIFICATION PRODUIT

### PERFORMANCE

	4226-18	4226-27	4226-37	4226U-18	4226U-27	4226U-37
PUISSANCE TOTALE	9.8 W	9.8 W	14.1 W	N/A	N/A	N/A
LUMENS RÉELS(4000K)	677 LM	732 LM	1043 LM			
EFFICACITÉ	70.5 LM/W	74.7 LM/W	73.1 LM/W			

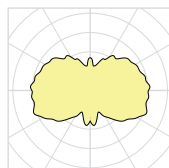
### AUTRES INFORMATIONS

	4226-18	4226-27	4226-37	4226U-18	4226U-27	4226U-37
POIDS	2.82 LBS / 1.28 KG	6.28 LBS / 2.85 KG	11.46 LBS / 5.20 KG	1.76 LBS / 0.8KG	4.52 LBS / 2.05 KG	7.19 BS / 3.26 KG
L70 (MAINTENANCE DE LA LUMIÈRE)	> 55 000 H	> 55 000 H	> 55 000 H	N/A	N/A	N/A
FEUTRE ACOUSTIQUE	FEUTRE DE POLYESTER HAUTE DENSITÉ 9MM	MATÉRIEL ACOUSTIQUE GRADÉ À 0.75 N	ASTM E84-13 (MATÉRIEL FEUTRE SEULEMENT)			
RÉSISTANCE AU FEU						
MAX. LUMINANCE 45°-90° OF NADIR	429 CD/M2	203 CD/M2	152 CD/M2	N/A	N/A	N/A

## FACTEUR D'EFFICACITÉ

CRI	CCT	FACTOR
90+	4000K	1.00
90+	3500K	0.97
90+	3000K	0.94
90+	2700K	0.91

## DISTRIBUTION LUMINEUSE



4226-XX



Visitez notre site Web pour les termes et conditions.





# Acoustic test results

The acoustic testing of our fixtures enables us to get data such as the average Sabins per object and the sound absorbing coefficient (Sabins/ft<sup>2</sup>). One Sabins is the equivalent of 1ft<sup>2</sup> of perfect sound absorption.

For the Marro, Elke and Joli, we tested two size of the fixture; the Marro 27" and the 13".

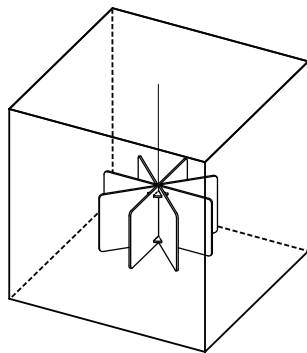
These were tested 36" from the test surface (ceiling).

2x Marro 27" in a single row, objects spaced 70" on center.

6x Marro 13" in two rows of three objects each, rows spaced 50" on center, objects in each row spaced 45" on center.

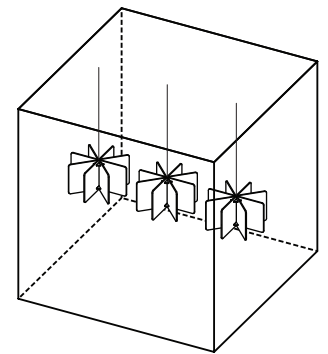
## Marro unlit 27" test

250Hz - 13.29 Sabins  
 500Hz - 16.75 Sabins  
 1000Hz - 21.63 Sabins  
 2000Hz - 27.34 Sabins  
 Average per fixture:  
**19.75 Sabins**

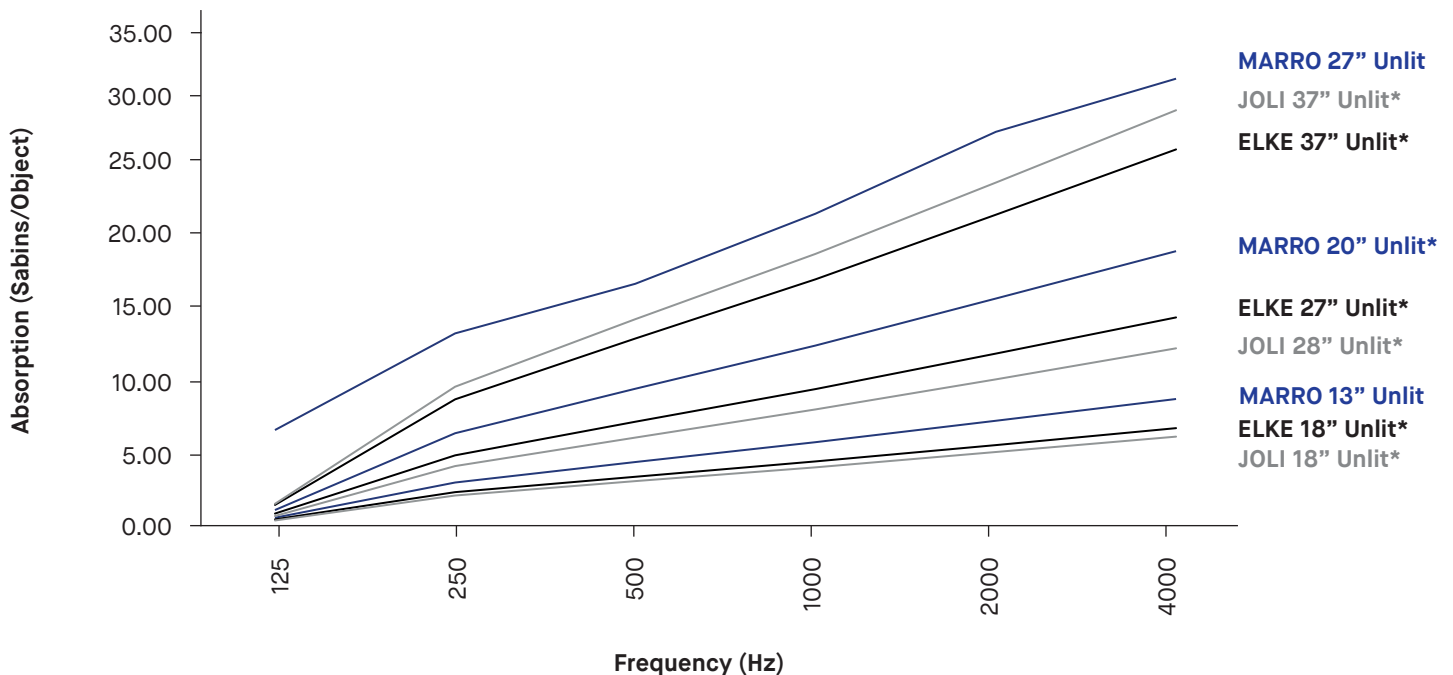


## Marro unlit 13" test

250Hz - 2.91 Sabins  
 500Hz - 4.33 Sabins  
 1000Hz - 5.71 Sabins  
 2000Hz - 7.21 Sabins  
 Average per fixture:  
**5.04 Sabins**



## Sound Absorption

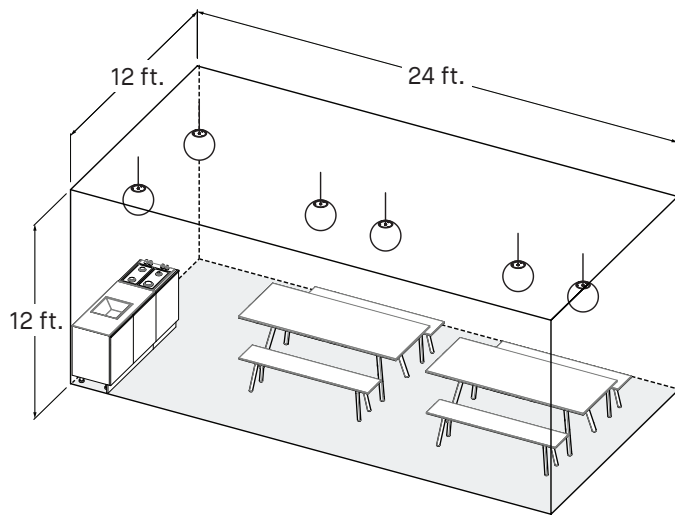


\*Extrapolated data

\*\*Data for Lit configuration, calculate a loss of 17% from the unlit version.

# Reverberation time

Based on the test data, we are able to calculate the reverberation time of fixture layouts in a closed room and determine the extra amount (ft<sup>2</sup>) of sound absorbing material that would be required for a comfortable level. Reverberation time is the calculation of the time it takes for sound to fade by 60 dB in a closed space in seconds. As a reference, the WELL standard recommends a reverberation time of 0.5 seconds for an open space application and 0.6 seconds for a conference room. Here are two acoustic scenarios using the Marro acoustic pendant in a lunch & breakroom

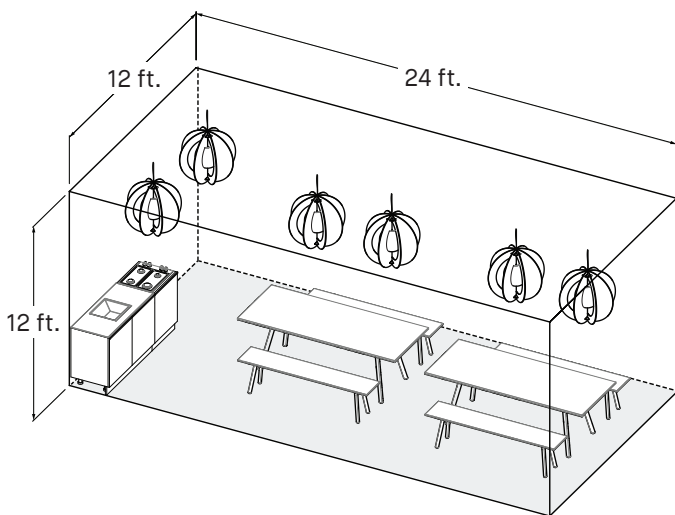


## Scenario 1

6x MIKA 18''  
hanging 12'' from the ceiling.

**Average workplane illuminance  
for a lunch & breakroom**  
**14 fc**

**Reverberation time**  
**1.191 seconds**





## Scenario 2

6x JOLI 37''  
hanging 12'' from the ceiling.

**Average workplane illuminance  
for a lunch & breakroom**  
**14 fc**

**Reverberation time**  
**0.804 seconds**  
**+48% better acoustics**

 Carpet on  
concrete floor

 1/2'' sheetrock  
walls and ceiling

SEE THE ACOUSTIC DATA DOCUMENTS  
ON OUR WEBSITE FOR MORE  
INFORMATION.