

MIKRO

WAFER - BLANK

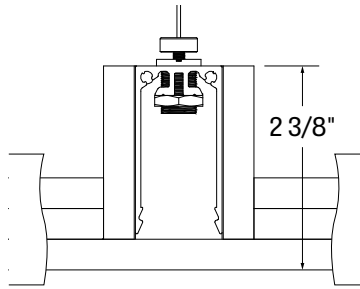
LUMENWERX

Project: _____

Type: _____



Section View



The Mikro Wafer Blank offers the same great construction as the lit Mikro Wafer. It acts as an additional sound absorption to add acoustical performance without over lighting the space and not compromising architectural aesthetics.

Order Guide

LUMINAIRE ID	LUMINAIRE LENGTH ¹	NON-POWERED MOUNTING	FELT COLOR	OPTIONS	
WAFERACOBP		53WAC36			
WAFERACOBP - Mikro Wafer Blank Pendant	2FT - 2 feet 3FT - 3 feet 4FT - 4 feet ¹ Lengths are nominal. See page 3 for actual dimensions.	53WAC36 - 36" aircraft cable, white canopies (5" + 3" non-power)	STANDARD COLORS FWN LVN FON LEN ION CYN TBN PMN MDN FGN	PREMIUM COLORS ^{2,3} PKN CDN IVN BHN OGN LCN SLN CFN LNN SYN CNN GRN LMN BLN GHN MON EGN NVN CLN ESN	TB# - T-bar caddy clip specify grid size TG# - Tegular caddy clip specify grid size. ST - Screw slots caddy clip CU - Custom
			² Please consult factory for more color options. ³ Lead time may vary.		

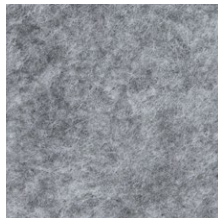
Project: _____

Type: _____

Standard Color Options



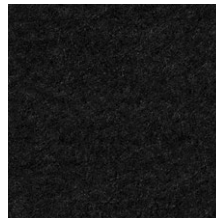
FWN - FROST WHITE



FON - FOG



ION - IRON



TBN - TRUE BLACK



MDN - MIDNIGHT BLUE



LVN - LAVENDER



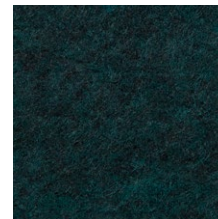
LEN - LATTE



CYN - CHERRY



PMN - PLUM



FGN - FOREST GREEN

Premium Color Options*



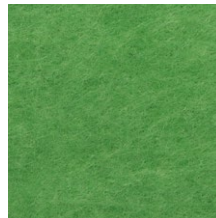
PKN - PAPRIKA



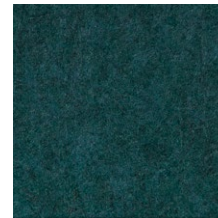
OGN - ORANGE



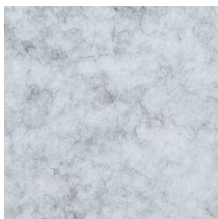
LNN - LEMON



LMN - LIME



EGN - EVERGREEN



CDN - CLOUDY



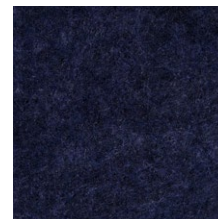
LCN - LICHEN



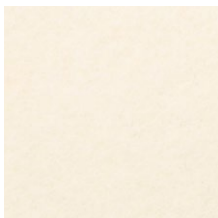
SYN - SKY



BLN - BLUEBERRY



NVN - NAVY



IVN - IVORY



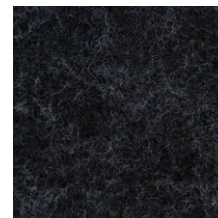
SLN - STEEL



CNN - CARBON



GHN - GRAPHITE



CLN - CHARCOAL



BHN - BLUSH



CFN - CAFÉ



GRN - GREIGE



MON - MOCHA



ESN - ESPRESSO

*Please consult factory for more color options.
*Lead time may vary.

MIKRO

WAFER - BLANK

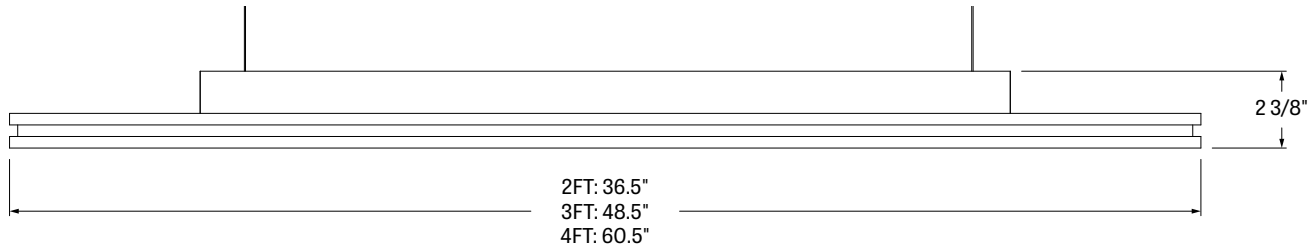
LUMENWERX

Project: _____

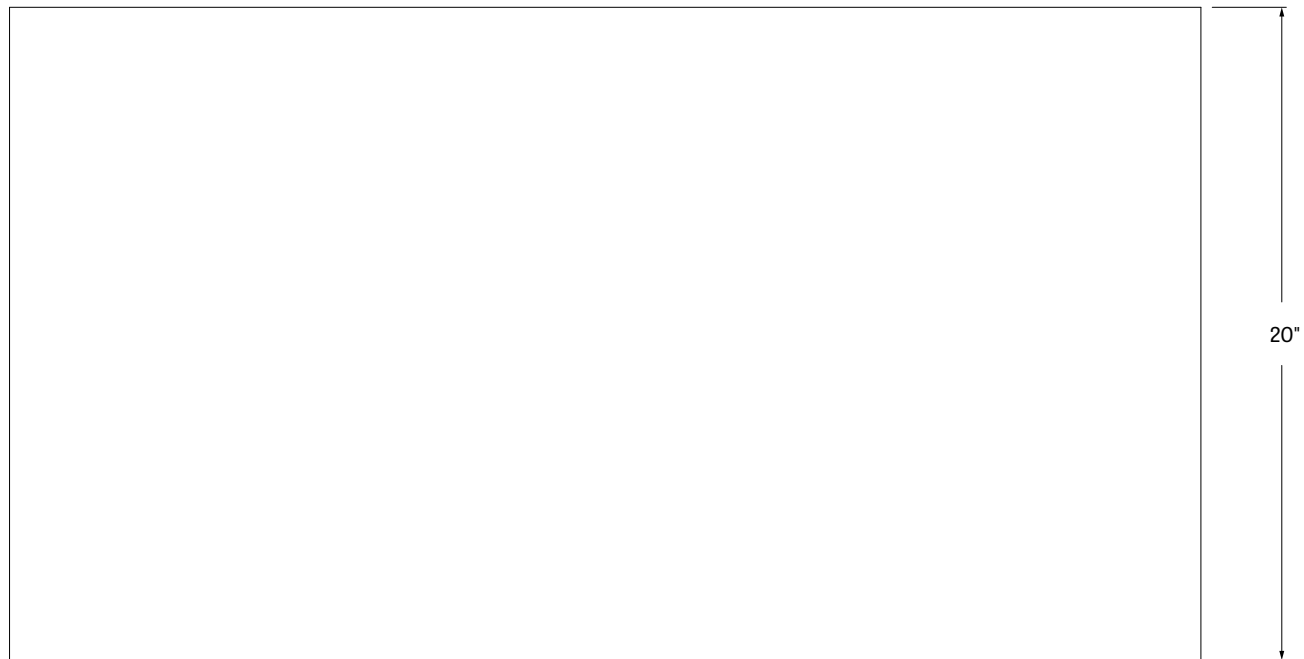
Type: _____

DIMENSIONS

Front view



Bottom view



ACOUSTIC CALCULATOR

Using the Lumenwerx Acoustix Value Calculator table, you can determine the number of acoustic luminaires required in a space by fixture type. We have three levels of recommended sound reduction: good, better, and best. Choosing one of these options will reduce the sound accordingly. The best option indicates the best acoustic improvement. Calculations are based on a standard ceiling height of 9 feet.



- ① Calculate the square feet of your room (L x W).
- ② Choose the level of acoustical improvement you are looking for, and find the corresponding value based on your room dimension and luminaire configuration.

% in reduction in reverberation time	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft			
	LENGTH	GOOD 😊	BETTER 😊😊	BEST 😊😊😊	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
😊 GOOD 25%							
😊😊 BETTER 40%							
😊😊😊 BEST 50%							
	2 Feet	39	20	12.5	64	30	20
	3 Feet	58.5	30	18.75	96	45	30
	4 Feet	78	40	25	128	60	40

- ③ Use the Lumenwerx Acoustix Value Formula to determine the number of luminaires needed in the room.

$$\text{Square feet} \div \text{Value} = \text{Number of luminaires}$$

Example:

Luminaires: Mikro Wafer, 4 ft long
Room square feet: L: 20 ft x W: 18 ft = 360 sq ft
Desired acoustical improvement: Better = 60
Number of luminaires needed in the room: 360 ÷ 60 = **6 luminaires**

NOTES:

- You can mix lit and blank fixtures.
- Lumenwerx acoustic calculators were developed to act as a guide. For precise acoustic performance in a space, please consult an acoustician.

MIKRO

WAFER - BLANK

LUMENWERX

Project: _____

Type: _____

Technical Specifications

LUMINAIRE LENGTH

Mikro Wafer is made up of standard 2, 3 and 4 foot sections.

MOUNTING OPTIONS

Fixtures can be pendant-mounted, using aircraft cables. Lumenwerx provides the following hardware: 5" white canopy for all power mounting point, 3" white canopy for non power mounting point, and a 36" cable.

Caddy clips, if required specify under OPTIONS

WEIGHT

Blank -

Mikro Wafer 2ft - 5.36lbs - 2.43kg

Mikro Wafer 3ft - 8.04lbs - 3.64kg

Mikro Wafer 4ft - 10.72lbs - 4.90kg

CONSTRUCTION

Housing - Extruded aluminum (0.060" nominal) up to 90% recycled content

Interior brackets - Die formed cold rolled sheet steel 20 gauge thick

End caps - Die cast aluminum (0.95" nominal)

Hanger - Chromed Griplock securely attached with spring steel hardware in end caps

Aircraft cable suspension - 7x7 braids aluminum aircraft cable 0.06" thick

FINISH

Powder-coat paint in standard white.

ACOUSTIC FINISH

Material is 100% polyester containing up to 50% of recycled plastic bottles (PET) with an ASTM E-84 Class A fire rating and is moisture resistant.

CARE

Remove dust and debris with a clean, dry, soft, lint-free cloth, or vacuum.

WARRANTY

Lumenwerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.



WELL for Sound - This luminaire is recommended for use as an acoustical absorption surface to limit reverberation times (RT) in a given space. This luminaire contributes to noise reduction and vibration dampening to promote focus and concentration. Reverberation needs to be calculated in each space based on the materials used.

