

Omni LT

SMART SYSTEM



ZANIBONI®
INDOOR WELLBEING



The slot layout code and one code per light source type is required to specify this product

1 Enclosure Color

Matte White	WS
Matte Black	BK
Racing Red	RR
Custom Color	CC

2 Different type of slots

Each slot is a square 4"x 4"

- X= Empty Slot
- L= Light (Use L1:L2 if for different types)
- S= Standard Zaniboni Speaker
- P= Premium Coaxial Zaniboni Speaker
- O= Occupancy Sensor
- D= Daylight Sensor
- C= CO2 Sensor

3 Different type of connectors

[Always put one at the beginning and one at the end of the code. If the OMNI is shorter than 20 slots the connector closes the code indicating the required number of slots] Please attach a grid layout for any non-linear systems.

- 0= No Connectors
- 1= Straight Connectors
- 2= L Connector to the left
- 3= L Connector to the right
- 4= T Connector
- 5= Cross Connector

- M= PM 2.5 Sensor
- V= VOCs Sensor
- T= Temperature and Humidity
- Z= Camera
- N= Sound Masking Generator
- H=HVAC
- K=Sprinkler Head accommodation
- B= Linear lighting Diffuser
(36" diffuser takes 6 slots ex. BBBBBB)

Left connector | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 | Right connector

MALT-__ - _____

eg: MALT-WS-0L1L1XPOXXXXPXL1L10

Omni LT, Matte White 14 slots enclosure; NO connector to the left; light; light; empty slot; premium speaker; occupancy sensor; 4 empty slots for integrated drivers; daylight sensor; premium speaker; empty slot; light; light; NO connector to the right.

PERFORMANCE

- Premium coaxial speaker with sound masking capabilities
- Premium Dimable Lighting - 13W - 1,575 lm
- Plug and play installation (system already integrated)
- Sensing capabilities for motions, daylight and air quality
- Bluetooth controls within Zaniboni App

MOUNTING

- Recessed trimless
- Remote driver
- Canopy on request for concrete application

MATERIAL

- Light: Die-cast aluminum CNC machine finished Minimal thickness.

SMART SYSTEM

The Omni Linear is an innovative, dynamic smart-system. The Omni fine-tunes the environment by addressing multiple areas that provide for occupants' wellbeing. Utilizing intuitive devices that work in tandem, such as sensors, cameras, speakers, lights and more, the human-centric design not only eliminates distractions, but more importantly, stimulates occupants' perceptions, and sparks both creativity and ingenuity.

The Omni LT consists of rectangular recessed body featuring gimbals slots to have maximum adjustability enhancing the device functionality.

INSTALLATION INSTRUCTIONS

Mounting & electrical connection



[Product Downloads](#)

RELATED ACCESSORIES

- Sound Masking
- Speakers
- CO2 Sensor
- Temperature and Humidity sensor
- Occupancy and Daylight sensor

1 Source

M2	M2
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2 Quantity

Number from 1 to 20	---
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3 Wattage

9 Watts	9
13 Watts	13

4 Color temperature

2700 kelvin	27
3000 Kelvin	30
3500 kelvin	35
4000 Kelvin	40
Tunable White (2700k to 6500k)	TD
Tunable White (1800k to 4000k)	TH
RGBW	RW
Warm Dim	WD
Circadian Light	CL

5 CRI

80	A
95	B

6 Beam angle

10 degrees	1
24 degrees	2
36 degrees	3
60 degrees	6

7 Lens

Hex louver + Frosted	F
Hex louver + Solite	X
Hex louver +Prismatic	P
Solite	S
Clear	C

8 Trim Color

Matte White	WS
Matte Black	BK
Custom Color	CC

9 Control system

(If needs to be B if there is anything besides lighting)

Bluetooth	B
0-10v (Dimming to 1%)	Z

M2-__ - _____

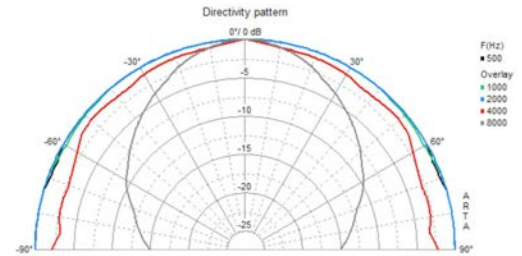
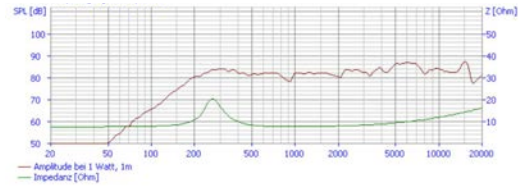
eg: M2-2-13-WD-B-1-X-BK-B

2 lighting fixtures; 13 watts, warm dim, 95CRI, 10 degrees beam angle, hex louver and solite lens, Black matte trim , bluetooth mesh control.

If different sources are needed in the same OMNI QP, generate different codes and refer to them in the next code as L1:L2:L3:L4:etc

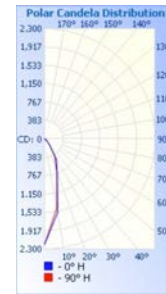
Speaker Technical data

RMS Power	5 W
RMS Power	8 W
Impedance	8 Ohm
Frequency Spectrum	150-20,000Hz
SPL	84 dB
Resonance frequency	290 Hz
Voice coil diameter	0.55"
Driver Material	Paper
Driver Diameter	2"
Controls	Bluetooth- Wifi
Amplifier Power	100W



Light Technical data

Direct power output	13W per slot
Delivered lumens	1181 lm per slot
Life	50,000 hours at 70%
Warranty	5 years on light source only
Label	ETL listed for US Canada.CE labeled



Light Technical data

Indirect power output	18 Watts
Delivered lumens	956 lm
CRI	90

CO2 Sensor

Humidity sensitivity	0-100% +/- 3%
Pressure range	300-1100 hpa +/-0.6hpa
Type	NDIR
CO2 range	400-10,000 ppm

PM 2.5

Resolution	0.3 g/m3
Max Error	+/-15%

Camera

Angle of view	62 degrees
Video resolution	1080p
Max frame rate	30fps

HVAC

CFM (CUBIC FEET PER MINUTE)	55	65	80	95	105	120	130	145
STATIC PRESSURE	.044	.067	.096	.129	.168	.212	.261	.315
TOTAL PRESSURE	.049	.074	.106	.144	.186	.235	.288	.349
NOISE CRITERION	-	19	24	27	30	33	35	37
THROW (150-100-50 FEET PER MINUTE)	5-7-11	6-9-12	7-9-13	8-10-14	9-11-15	9-11-16	10-12-17	10-13-18

SPRINKLER

Accommodation for sprinkler head provided based on customer's sprinkler head choice.

Product Dimensions

Fixture Length	Customizable
Aircraft cable length	8' adjustable (10' on request)
Body width	3.94"
Slot length	3.94"
Body Height	5.63"

Compliance for points on Certifications

