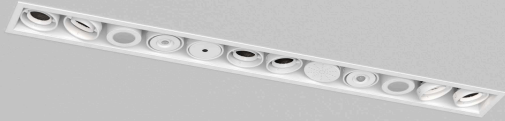


# Omni LR

## 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

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)

### 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

## 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.

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

MALR- \_ - \_\_\_\_\_

eg: MALR-WS-0L1L1XPOXXXXDPXL1L10

Omni LR, 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.

## SMART SYSTEM

Omni LR is a recessed sensing system autonomously perceiving natural daylight, noise level and air quality while adapting to desired levels of light, sound, temperature and oxygen levels based on human preference and presence in a space. All services are integrated into a single solution requiring simply a line-voltage connection for installation.

It is the first evidence-based product that, though the use of various sensors, lighting, speakers and hardware for HVAC and sprinklers, improves productivity and well-being of occupants by a minimum of 18%.

## 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

### 2 Quantity

Number from 1 to 20 \_\_\_\_\_

### 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

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

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

M2- \_ - \_\_\_\_\_

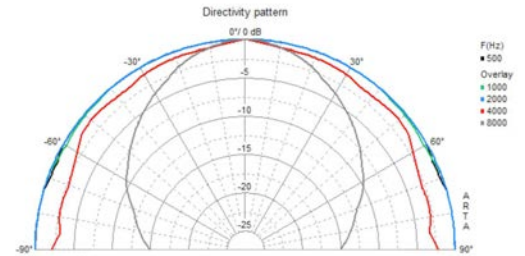
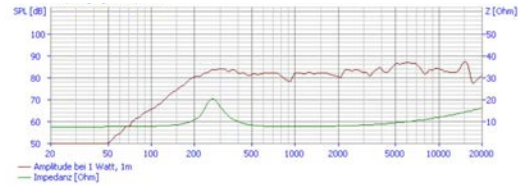
eg: M2-2-13-WD-B-1-X-BK-B

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 , generate different codes and refer to them in the next code as L1:L2:L3:L4;etc

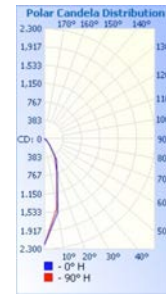
### Speaker Technical data

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

