

MINIMAX™ W-OBM BLUETOOTH

surface mounted addressable LED wallwasher



- **Luminaire is equipped with a Xicato XIM Gen4 LED module, an IOT device with embedded micro-processor and Bluetooth Low Energy chip**, controllable via a smart device with iOS or Windows based apps. Features include
 - standard Bluetooth Wireless connectivity
 - addressable individually
 - on/off control
 - dimming to 0.1%. Combination with integral rotary dimmer available as modification.
 - data collection and storage for power consumption and LED performance
 - direct listening to switches and sensors
 - embedded Eddystone, iBeacon and/or AltBeacon beacons
- **The optical assembly consists of a hammered aluminum reflector and a 40° x 70° spread lens.** In addition, the assembly can accept one of a number of [Optical Accessories](#) including color filters and screens. Assembly is keyed relative to luminaire housing, to retain critical lens orientation.
- **A concealed swivel provides 385° horizontal rotation and vertical adjustment from 0° to 90°.** The swivel is permanently tensioned, allowing luminaire to remain fixed at any angle. Luminaire can be locked in place, by depressing a hinged ('lever lock') bar so that it lies flush with the top of the housing. Lifting the lever lock frees the swivel.
- **MiniMax luminaires have seamless aluminum housings and cast aluminum tops for lightweight durability and heat dissipation.** Standard finish is matte white; also available in black and silver.
- **For more information, [click here](#).**

MODIFICATIONS AVAILABLE

Contact factory with quantity for pricing; orders may require shop drawing approval.
For modified stem lengths up to 72", add the following to the end of the product code:
+ number of inches.

MiniMax W-OBM Bluetooth is a wallwasher designed for mounting on a 4" octagonal outlet box (by others). Luminaire is powered by one of a number of Xicato XIM Gen4 19mm LED modules – including 98 CRI Artist Series modules – all of which are distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See tables below for wattages and efficacies.

PRODUCT CODE

For complete product code, list basic unit and select one item from each following box.

Basic Unit	MM-XIM-OB-W
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Finish	
white paint finish	- WH
black paint finish	- BL
Industrial Silver paint finish	- SI
custom color paint finish..... <i>identify color in specification</i>	- CC

Light Source Output	
1300 lumens / CRI 98 Artist.....	- 13A
1300 lumens / CRI 80+ standard	- 13S
1300 lumens / CRI 80+ Vibrant	3000K only-13V

Light Color	
2700 K.....	- 27K
3000 K.....	- 30K
3500 K	- 35K
4000 K.....	- 40K

Circuit Limitations

- Luminaire operates only on circuits with
- no dimmer on the circuit – or –
 - a 0-10V dimmer on the circuit.

OPTICAL ACCESSORIES

Specify as separate line items.

All are 2 3/4" (70mm) dia. Filters are glass; screens are aluminum.

color filters	
Daylight Blue	DAY/2.75
Surprise Pink	PNK/2.75
amber	AMB/2.75
blue	BLU/2.75
green	GRN/2.75
red	RED/2.75
33% light reduction screen	SCR33/2.75
50% light reduction screen	SCR50/2.75


USB Key

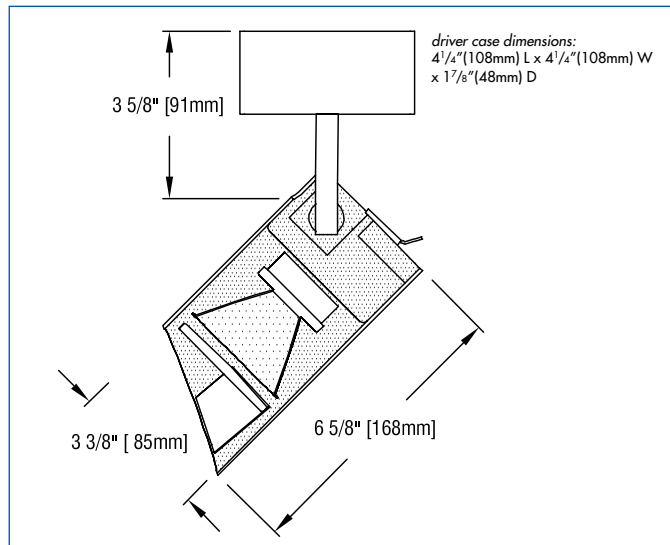
To address this fixture from a Windows-based PC, laptop or tablet, a USB key (dongle) is required. Contact factory for USB key.



APPLICATIONS

Luminaire is suitable for highlighting vertical surfaces in museums, galleries, showrooms, residences, offices and stores.

Luminaire is suitable for 120-volt or 277-volt electrical service and  listed for Damp Location mounting on a standard 4" octagonal outlet box (by others).



– see below for photometric reports –



PHOTOMETRIC REPORT (tested per IESNA LM-79-2008)

Prorated from Verification Services Report No. 1139435. Original test report furnished upon request.

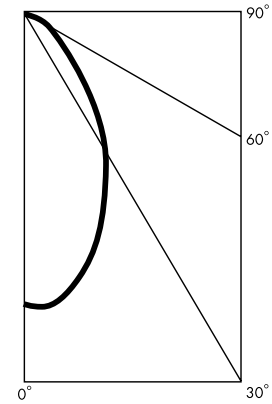
Luminaire surface-mounted LED wallwasher with a 60° internal reflector, a 40° x 70° spread lens and a specular hammer tone kicker reflector.
 Lamp Xicato XIM19 LED Module, 1300 lumens, 3000K
 Lamp Life rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

WALLWASH INFORMATION

Distance From Ceiling (Feet)	2' 6" From Wall; 2' 6" O.C.		3' From Wall; 3' O.C.		3' 6" From Wall; 3' 6" O.C.	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	20	19	13	12	9	8
2	33	30	21	18	14	13
3	38	36	26	23	18	14
4	32	32	25	24	19	18
5	25	25	21	21	17	17
6	19	19	17	17	15	15
7	15	15	14	14	12	12
8	12	11	11	11	10	10
9	9	9	8	9	8	9
10			7	7	7	7

This table lists initial illuminance values at the center of a row of at least 5 fixtures with no contribution from ceiling or floor reflectance. Fixtures were modeled with maximum candlepower at 12° above vertical.

CANDLEPOWER DISTRIBUTION



STANDARD DRIVER INFORMATION (UL Class 2, dry and damp location)

Voltage	120	277
Input Watts (1300A/13S&V)	19/15	19/15
Input Current(A) (1300A/13S&V)	.16/.13	.07/.05
Output Voltage (V)	48	48
Min. Power Factor	0.90	0.90
Operating Temperature Range (F)	-13 to 122	-13 to 122

LIGHT OUTPUT MULTIPLIER

LED Module Type	Light Output Multiplier
1300 Lumens Artist	1
1300 Lumens standard & Vibrant	1

LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1300 Lumens Artist	852	45*	19
1300 Lumens standard & Vibrant	852	51*	15

*estimated values