ARTIMA®/3 W-OBM BLUETOOTH
surface mounted wireless LED wallwasher

Artima/3 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 (19mm) LED modules, all of which are distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See tables on the reverse for wattages and efficacies.

PRODUCT CODE

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

Basic Unit A3-XIM-OB-W

Finish
white: white paint, white lead cord, matte aluminum heat sink ....- WH
black: black paint, black lead cord, black heat sink .... - BL
Industrial Silver: silver paint, black lead cord, black heat sink .... - SI
custom color: include physical chip with order and select one from below
  • white lead cord, matte aluminum heat sink .... - CCW
  • black lead cord, black heat sink ....- CCB
  • *any other combinations require a special order*

Light Source Output (Lumens)
1300 lumens / CRI 98 Artist .... - L13A
1300 lumens / CRI 80+ standard .... - L13S
1300 lumens / CRI 80+ Vibrant .... *3000K only* .... - L13V
2000 lumens / CRI 98 Artist.. - L20A
2000 lumens / CRI 80+ standard ....- L20S
2000 lumens / CRI 80+ Vibrant .... *3000K only* .... - L20V
2700 lumens / CRI 80+ standard ....- L27S
2700 lumens / CRI 80+ Vibrant .... *3000K only* .... - L27V

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

Circuit Limitations
Luminaire operates only on circuits with
  • <u>no</u> dimmer on the circuit – or –
  • a 0-10V dimmer on the circuit.

OPTICAL ACCESSORIES

Specify as separate line items; only for use with one of the above.
All are 2 ¾" (70mm) diameter. Lenses and filters are glass; screens are aluminum.

40° x 70° spread lens *(included with fixture)* LENS/2.75-4070
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

- **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%
  - 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 an aluminum reflector and a 40° x 70° spread lens**. In addition, the assembly can accept one of a number of optional **Optical Accessories** including color filters and screens. Assembly is keyed relative to luminaire housing, to retain critical lens orientation.

- **Luminaire provides 385° rotation and 90° vertical adjustment**. Focus can be locked by tightening two collar clamps using a ³/₃₂" hex key.

- **Standard white finish includes white paint**, a white lead cord and a matte aluminum heat sink.

- **For more information,** click here.

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.

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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 ⓒSPᵤₛ listed for Damp Location mounting on a standard 4" octagonal outlet box (by others).

4 1/4 " x 4 1/4"
[109 x 109 mm]

1 7/8" [48mm]

7 7/8" [201mm]

8 7/8" [224mm]

11 1/4" [287mm]

7 3/4" [198mm]

65°

3 5/8" [91mm]
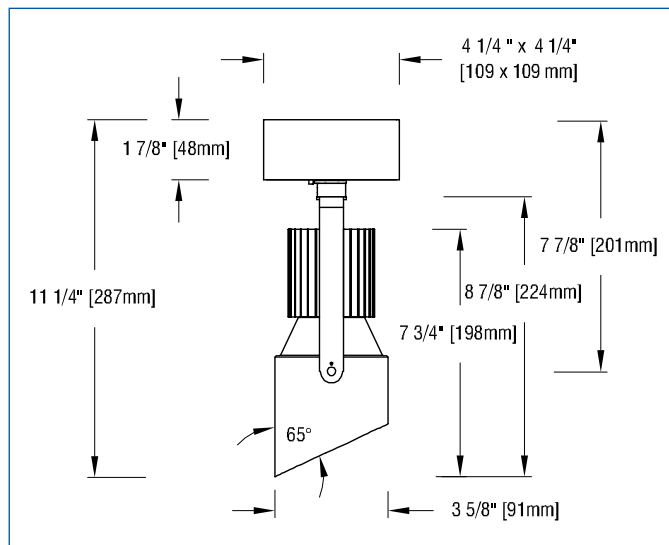
– see below for photometric reports –

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EDISON PRICE LIGHTING

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

Prorated from (UL) Verification Services Report No. 1164145. 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 XIM (19mm) LED Module, 2000 lumens, 3000K, 80 CRI
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)	3' From Wall; 3' O.C. (2100 lumens)		3'6"From Wall; 3'6"O.C. (2100 lumens)		4' From Wall; 4' O.C. (2700 lumens)	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	17	15	14	12	10	10
2	29	25	21	18	16	14
3	32	30	26	23	20	18
4	29	29	25	25	20	20
5	26	25	22	22	20	20
6	21	20	19	19	18	18
7	17	16	16	15	16	15
8	13	13	13	12	13	13
9	10	10	10	10	11	11
10	9	9	9	9	10	10
11	7	7	7	7	9	9
12	6	6	6	6	8	8
13					7	7
14					6	6
15					5	5

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 10° to 15° above vertical.

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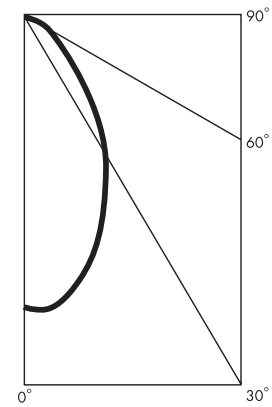
STANDARD DRIVER INFORMATION *(UL Class 2, dry and damp location)*

Voltage	120	277
Input Watts (1300A/2000A/1300S&V/2000S&V/2700S&V lumens)	19/32/15/24/32	19/32/15/24/32
Input Current(A) (1300A/2000A/1300S&V/2000S&V/2700S&V lumens)	.16/.27/.13/.20/.27	.07/.12/.05/.09/.12
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	.65*
2000 Lumens Artist	1
1300 Lumens standard & Vibrant	.65*
2000 Lumens standard & Vibrant	1
2700 Lumens standard & Vibrant	1.33*

estimated values

LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1300 Lumens Artist	647*	33*	19
2000 Lumens Artist	995*	31*	32
1300 Lumens standard & Vibrant	647*	43*	15
2000 Lumens standard & Vibrant	995*	42*	24
2700 Lumens standard & Vibrant	1319*	41*	32

estimated values