MADE IN **USA**
*Click Here*

# MIDIMAX™ O LH-OBM BLUETOOTH

surface mounted addressable LED open-aperture accent light



- **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

- **Fixture is designed for mounting on a 4" octagonal outlet box** (by others).

- **Beam spread is changed by removing the spring-mounted lens holder assembly,** replacing one 'twist and lock' **reflector** with another, and re-inserting the lens holder assembly. Luminaire is ordered with a single reflector; one or both of the other reflectors may be ordered as accessories.

- **A concealed swivel provides 385° horizontal rotation and vertical adjustment from 0° to 90°.** The swivel is permanently tensioned, allowing the luminaire to remain fixed at any aiming angle.

- **Luminaire accepts one or two of a number of Optical Accessories,** including spread lenses, color filters and light reduction screens. A complimentary Beam Smoother is included.

- **MidiMax luminaires have seamless aluminum housings** and cast aluminum tops for lightweight durability and heat dissipation.

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

**MidiMax O LH-OBM Bluetooth** is a surface mounted accent light powered by one of a number of Xicato XIM Gen4 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** ..................................................LX2-XIM-OB-OH | |

**Finish**
| | |
|---|---|
| white .............................................................................- WH | |
| black ............................................................................ - BL | |
| Industrial Silver ............................................................- SI | |
| custom color ................................................................- CC | |

**Beam Spread Reflector** (*specify one to ship with fixture*)
| | |
|---|---|
| 20° spot...........................................................- 20D | |
| 40° flood .........................................................- 40D | |
| 60° wide flood.................................................- 60D | |

**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.

▶ For luminaires modified for 50A or 60A track systems, contact factory.

## EXTRA REFLECTORS *Specify as separate line items.*

| | |
|---|---|
| 20° spot reflector ......................................XTM-REF20-72 | |
| 40° flood reflector.....................................XTM-REF40-72 | |
| 60° wide flood reflector ............................XTM-REF60-70 | |

**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.
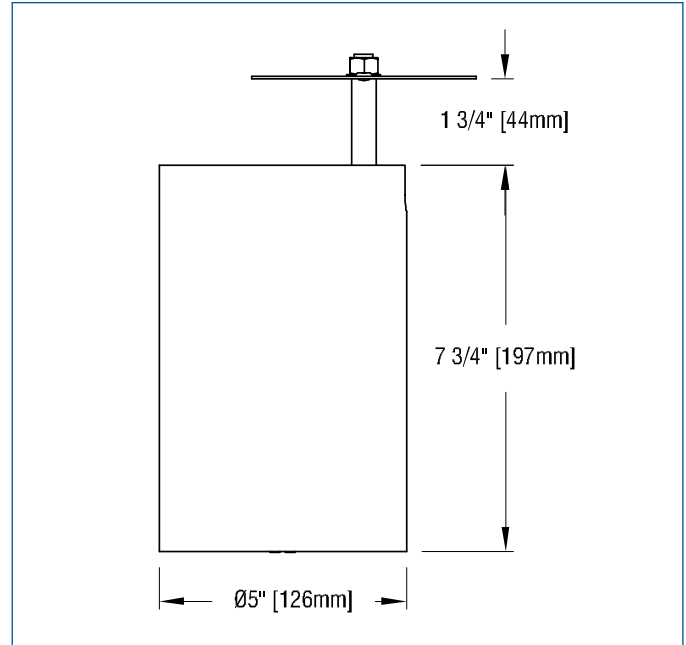
## OPTICAL ACCESSORIES ▼ *See next page*

**EDISON PRICE LIGHTING**

## OPTICAL ACCESSORIES

*Specify as separate line items.*
*All are 3 ¾" (95mm) dia. Lenses and filters are glass; screens are aluminum.*

**55° spread lens** .......................................................... LENS/3.75

**40° x 70° spread lens** ......................................... LENS/3.75-4070

**prismatic lens** *(Solite)* ..................................................... PLS/3.75

**beam smoother** *included with fixture* ................................... CLR/3.75

color filters

Daylight Blue ............................................................. DAY/3.75
Surprise Pink ............................................................. PNK/3.75
amber ........................................................................ AMB/3.75
blue ........................................................................... BLU/3.75
green ......................................................................... GRN/3.75
red ........................................................................... RED/3.75

**33% light reduction screen** ........................................ SCR33/3.75

**50% light reduction screen** ........................................ SCR50/3.75

1 3/4" [44mm]

7 3/4" [197mm]

Ø5" [126mm]

## APPLICATIONS

**Luminaire is suitable for highlighting vertical or horizontal surfaces**, as well as objects in museums, galleries, showrooms, residences, offices and stores.

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

– see below for photometric reports –

# MIDIMAX O LH-OBM BLUETOOTH

## PHOTOMETRIC REPORT with 20° **reflector** (tested per IESNA LM-79-2008)
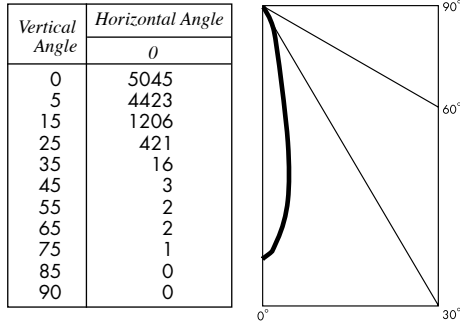
*Prorated from* (UL) *Verification Services Report No. 1164146. Original test report furnished upon request.*

Luminaire ......................... surface-mounted LED accent light with a 20° reflector and black lens holder (NO LENS)
Lamp ............................... Xicato 19mm XIM LED Module, 1300 lumens, 3000K, 80 CRI
Lamp Life ......................... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

### CANDLEPOWER DISTRIBUTION

| Vertical Angle | Horizontal Angle 0 |
|---|---|
| 0 | 5045 |
| 5 | 4423 |
| 15 | 1206 |
| 25 | 421 |
| 35 | 16 |
| 45 | 3 |
| 55 | 2 |
| 65 | 2 |
| 75 | 1 |
| 85 | 0 |
| 90 | 0 |

### LUMINAIRE LIGHT OUTPUT AND EFFICACY

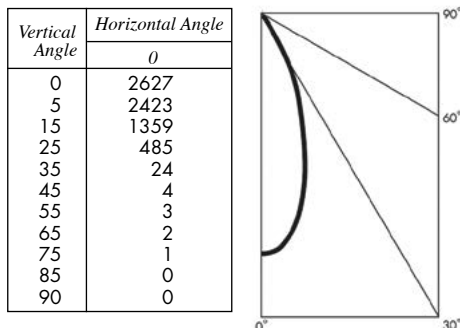| LED Module Type | Luminaire Light Output | Luminaire Efficacy (lms/watt) | System Wattage |
|---|---|---|---|
| 1300 Lumens standard & Vibrant | 914* | 61* | 15 |
| 1300 Lumens Artist | 914* | 47* | 19 |

*\*estimated values*

## PHOTOMETRIC REPORT with 40° **reflector** (tested per IESNA LM-79-2008)

*Prorated from* (UL) *Verification Services Report No. 1164147. Original test report furnished upon request.*

Luminaire ......................... surface-mounted LED accent light with a 40° reflector and black lens holder (NO LENS)
Lamp ............................... Xicato 19mm XIM LED Module, 1300 lumens, 3000K, 80 CRI        Lamp Life ...........see above

### CANDLEPOWER DISTRIBUTION

| Vertical Angle | Horizontal Angle 0 |
|---|---|
| 0 | 2627 |
| 5 | 2423 |
| 15 | 1359 |
| 25 | 485 |
| 35 | 24 |
| 45 | 4 |
| 55 | 3 |
| 65 | 2 |
| 75 | 1 |
| 85 | 0 |
| 90 | 0 |

### LUMINAIRE LIGHT OUTPUT AND EFFICACY

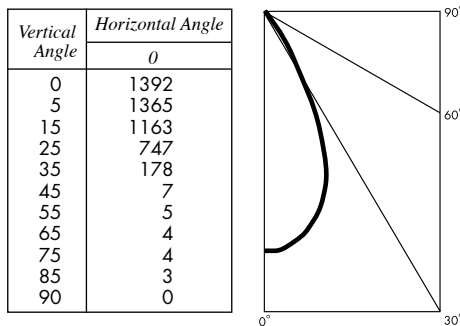| LED Module Type | Luminaire Light Output | Luminaire Efficacy (lms/watt) | System Wattage |
|---|---|---|---|
| 1300 Lumens standard & Vibrant | 843* | 56* | 15 |
| 1300 Lumens Artist | 843* | 43* | 19 |

*\*estimated values*

## PHOTOMETRIC REPORT with 60° **reflector** (tested per IESNA LM-79-2008)

*Prorated from* (UL) *Verification Services Report No. 1164148. Original test report furnished upon request.*

Luminaire ......................... surface-mounted LED accent light with a 60° reflector and black lens holder (NO LENS)
Lamp ............................... Xicato 19mm XIM LED Module, 1300 lumens, 3000K, 80 CRI        Lamp Life .......... see above

### CANDLEPOWER DISTRIBUTION

| Vertical Angle | Horizontal Angle 0 |
|---|---|
| 0 | 1392 |
| 5 | 1365 |
| 15 | 1163 |
| 25 | 747 |
| 35 | 178 |
| 45 | 7 |
| 55 | 5 |
| 65 | 4 |
| 75 | 4 |
| 85 | 3 |
| 90 | 0 |

### LUMINAIRE LIGHT OUTPUT AND EFFICACY

| LED Module Type | Luminaire Light Output | Luminaire Efficacy (lms/watt) | System Wattage |
|---|---|---|---|
| 1300 Lumens standard & Vibrant | 919* | 62* | 15 |
| 1300 Lumens Artist | 919* | 47* | 19 |

*\*estimated values*

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

| Voltage | 120 | 277 |
|---|---|---|
| Input Watts (1300A/1300S&V lumens) | 19/15 | 19/15 |
| Input Current(A) (1300A/1300S&V lumens) | .16/.13 | .07/.05 |
| 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 standard & Vibrant | 1* |
| 1300 Lumens Artist | 1* |