

Project

Type



Date

Product Code

Designer

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 LX-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*

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.

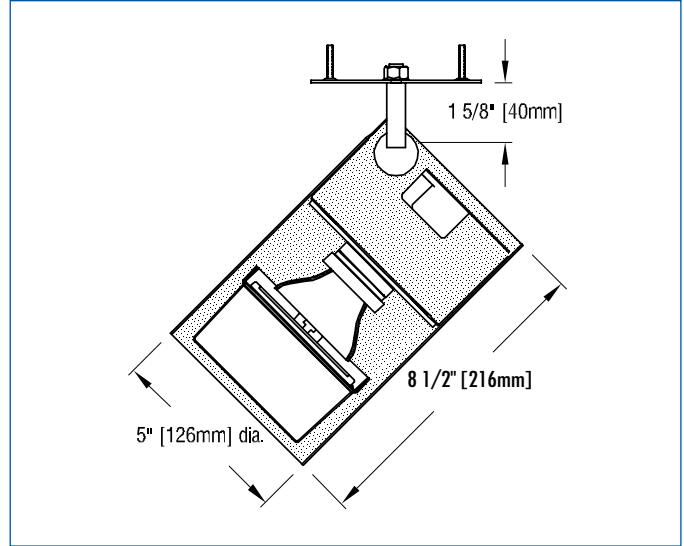


OPTICAL ACCESSORIES

Specify as separate line items.

All are 3 3/4" (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



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 electrical service and is listed for mounting on a standard 4" octagonal outlet box (by others).

– see below for photometric reports –



PHOTOMETRIC REPORT with 20° reflector (tested per IESNA LM-79-2008)

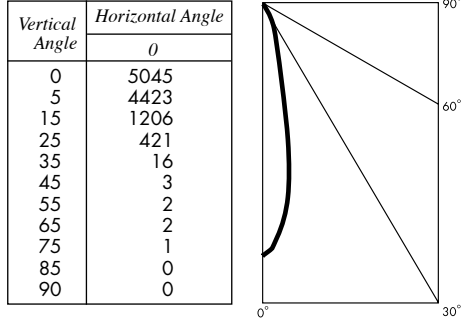
Prorated from Verification Services Report No. 1164146. Original test report furnished upon request.

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



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

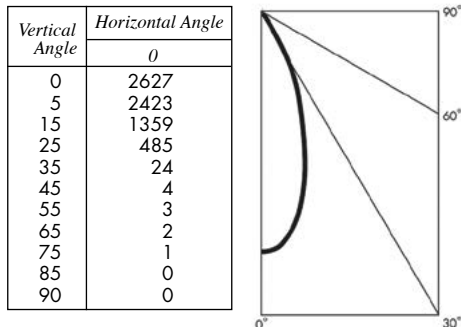
PHOTOMETRIC REPORT with 40° reflector (tested per IESNA LM-79-2008)

Prorated from 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



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

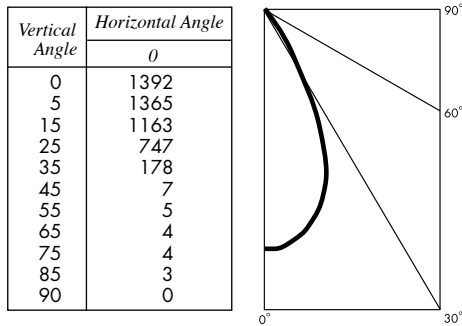
PHOTOMETRIC REPORT with 60° reflector (tested per IESNA LM-79-2008)

Prorated from 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



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*