

Project

Type



Date

Product Code

Designer

# MINIMAX® O BLUETOOTH

track mounted addressable LED accent light



MiniMax O Bluetooth with Cross Baffle (OX)

MiniMax O Bluetooth with Open Aperture (OH)



aperture view



aperture view

- **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
- **Luminaire may be configured to mount to any of eighteen 20-amp, 120-volt track systems** – or – to any of six 277-volt track systems.
- **Fixture function can be changed with your choice of Quick Change Cartridge** – which can removed from the fixture easily – and your choice of ‘twist and lock’ reflector.
- **Quick Change Cartridge / Reflector choices**
  - **Quick Change Cartridge with a cross baffle (OX)** for enhanced glare control; for use with 21° 43° or 60° reflectors
  - **Quick Change Cartridge with an open aperture (OH)** for enhanced glare control; for use with 21° 43° or 60° reflectors
- Fixture is ordered with a single Quick Change Cartridge and a single reflector. Additional Quick Change Cartridges and reflectors may be ordered as accessories.
- **Optical Accessories:** Each Quick Change Cartridge accepts one or two of a number of spread lenses, color filters and screens. A complimentary Beam Smoother is included.
- **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 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.
- **For more information, [click here](#).**

MiniMax O Bluetooth is a track 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 below for wattages and efficacies.

## PRODUCT CODE

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

<b>Basic Unit</b> .....	MM-XIM
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<b>Track Configuration</b>	
120-volt track (e.g. SightLine) .....	- 2C
277-volt track (e.g. HighLine) .....	- HC

<b>Finish</b>	
white .....	- WH
black .....	- BL
Industrial Silver .....	- SI
custom color .....	- CC

<b>Beam Spread Reflector</b> (specify one to ship with fixture)	
21° spot .....	- 21D
43° flood .....	- 43D
60° wide flood .....	- 60D

<b>Quick Change Cartridge</b>	
Cross Baffle .....	+ OX
Open Aperture .....	+ OH

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

<b>Light Color</b>	
2700 K .....	- 27K
3000 K .....	- 30K
3500 K .....	- 35K
4000 K .....	- 40K

<b>Circuit Limitations</b>	
Luminaire operates only on track circuits with <u>no</u> dimmer on the circuit	

## EXTRA CARTRIDGES & REFLECTORS

Specify as separate line items.

<b>Aperture Assembly</b>	
Cross Baffle .....	RK-MM+OX
Open Aperture .....	RK-MM+OH

<b>Reflector</b>	
21° spot reflector .....	RK-MM-XTM-REF-21D
43° spot reflector .....	RK-MM-XTM-REF-43D
60° spot reflector .....	RK-MM-XTM-REF-60D

<b>USB Key</b>	
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



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For the outlet box mounted version of this luminaire, see [MiniMax O-OBM Bluetooth](#).

## OPTICAL ACCESSORIES

Specify as separate line items.

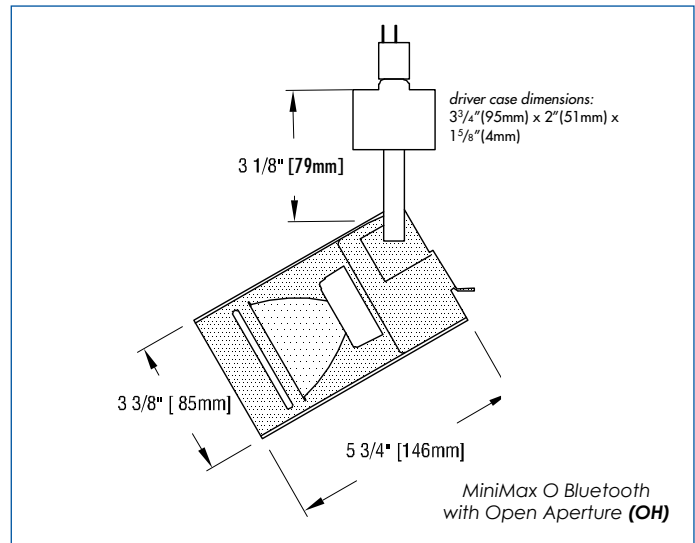
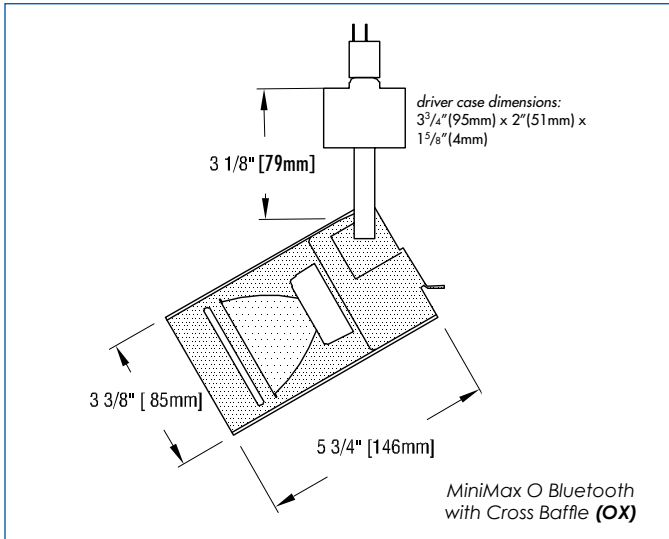
All are 2 3/4" (70mm) dia. Lenses and filters are glass; screens are aluminum.

<b>diffuse glass</b> .....	DGS/2.75
<b>prismatic lens (Solite)</b> .....	PLS/2.75
<b>55° spread lens</b> .....	LENS/2.75
<b>40° x 70° spread lens</b> .....	LENS/2.75-4070
<b>beam smoother included with fixture</b> .....	CLR/2.75
<b>color filters</b>	
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
<b>33% light reduction screen</b> .....	SCR33/2.75
<b>50% light reduction screen</b> .....	SCR50/2.75

## 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.



## APPLICATIONS

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

Luminaire is listed for mounting on Edison Price Lighting 120-volt or 277-volt track.

**Fixture Spacing Requirements** The track adapter of this fixture is 6" long. For this reason 1) it cannot be track-mounted closer than 6 1/4" on center and 2) it cannot be used with 2 of our 7 **Unicep** single-fixture track units.

– see below for photometric reports –



## PHOTOMETRIC REPORT with 21° reflector (tested per IESNA LM-79-2008)



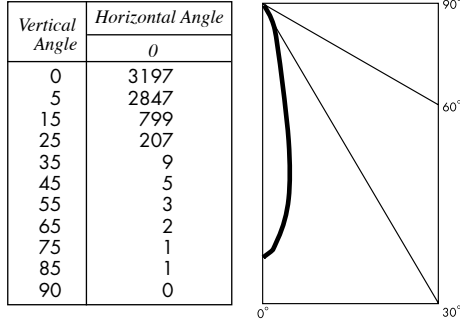
Prorated from Verification Services Report No. 1139432. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 21° reflector and black cross-baffle (NO LENS)

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

### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1300 Lumens Artist	560*	29*	19
1300 Lumens standard & Vibrant	560*	37*	15

\*estimated values

## PHOTOMETRIC REPORT with 43° reflector (tested per IESNA LM-79-2008)

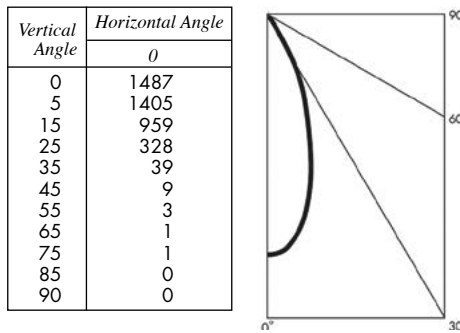


Prorated from Verification Services Report No. 1139433. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 43° reflector and black cross-baffle (NO LENS)

Lamp ..... Xicato XIM19 LED Module, 1300 lumens, 3000K 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 Artist	582*	31*	19
1300 Lumens standard & Vibrant	582*	39*	15

\*estimated values

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

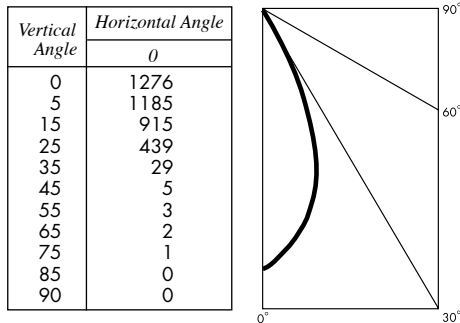


Prorated from Verification Services Report No. 1139434. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 60° reflector and black cross-baffle (NO LENS)

Lamp ..... Xicato XIM19 LED Module, 1300 lumens, 3000K 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 Artist	602*	32*	19
1300 Lumens standard & Vibrant	602*	40*	15

\*estimated values

## 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 MULTI-

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

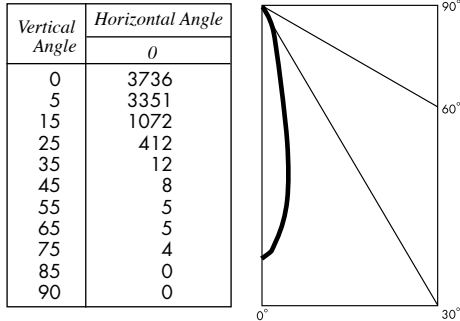
## PHOTOMETRIC REPORT with 21° reflector (tested per IESNA LM-79-2008)



Prorated from Verification Services Report No. 1139429. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 21° reflector and black lens holder (NO LENS)  
 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

### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1300 Lumens Artist	814	43*	19
1300 Lumens standard & Vibrant	814	54*	15

\*estimated values

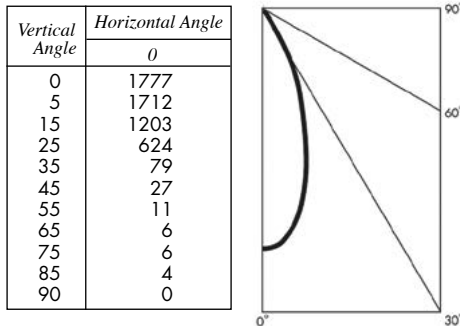
## PHOTOMETRIC REPORT with 43° reflector (tested per IESNA LM-79-2008)



Prorated from Verification Services Report No. 1139430. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 43° reflector and black lens holder (NO LENS)  
 Lamp ..... Xicato XIM19 LED Module, 1300 lumens, 3000K      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 Artist	864	45*	19
1300 Lumens standard & Vibrant	864	58*	15

\*estimated values

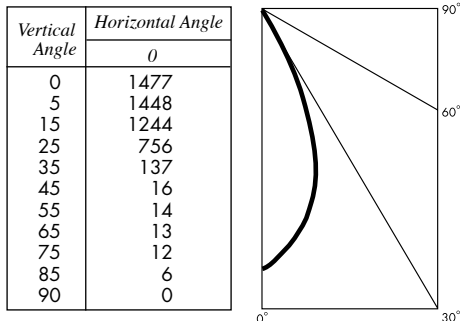
## PHOTOMETRIC REPORT with 60° reflector (tested per IESNA LM-79-2008)



Prorated from Verification Services Report No. 1139431. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 60° reflector and black lens holder (NO LENS)  
 Lamp ..... Xicato XIM19 LED Module, 1300 lumens, 3000K      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 Artist	952	50*	19
1300 Lumens standard & Vibrant	952	63*	15

\*estimated values

### 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 MULTI-

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