MADE IN **USA**
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MINIMAX® O BLUETOOTH
track mounted addressable LED accent light

*MiniMax O Bluetooth with Cross Baffle **(OX)***

aperture view

*MiniMax O Bluetooth with Open Aperture **(OH)***

aperture view

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.

- **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

- **Bluetooth controls and integral rotary dimmer can be specified together in the same fixture.** Users can dim by the protocol of their choice, switching between the two options as desired.

- **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 a **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.

For the outlet box mounted version of this luminaire, see **MiniMax O-OBM Bluetooth.**

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

Basic Unit	MM-XIM

Track Configuration	
120-volt track (e.g. SightLine)	- 2C
277-volt track (e.g. HighLine)	- HC

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

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

Quick Change Cartridge	
Cross Baffle	+ OX
Open Aperture	+ OH

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 track circuits with no dimmer on the circuit

OPTION

Integral Dimmer: rotary dimmer located in side of driver case; dims to 1% on 120 or 277 volt track; see detail below	- ID

EXTRA CARTRIDGES & REFLECTORS
Specify as separate line items.

Quick Change Cartridge	
Cross Baffle	RK-MM+OX
Open Aperture	RK-MM+OH

Reflector	
21° spot reflector	RK-MM-XTM-REF-21D
43° spot reflector	RK-MM-XTM-REF-43D
60° spot reflector	RK-MM-XTM-REF-60D

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

TF 11-106   2:20

MINIMAX O BLUETOOTH

INTEGRAL DIMMER OPTION (ID)

Integral rotary dimmer located in one side of the driver case: Dimmer control shaft is spring loaded, permitting shaft to be exposed for adjustment then depressed flush to conserve dimmer setting. "Clock face' markings permit registration of dimmer setting.
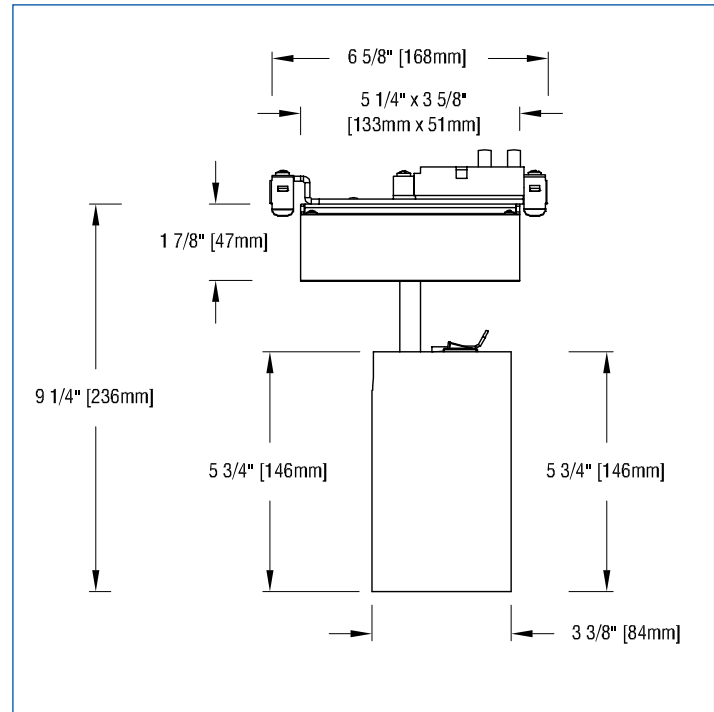
Press down to expose control shaft	Adjust dimmer as desired; record setting if useful	Press down to lock setting

OPTICAL ACCESSORIES

Specify as separate line items.
All are 2 ¾" (70mm) dia. Lenses and filters are glass; screens are aluminum.

diffuse glass DGS/2.75

prismatic lens (Solite) PLS/2.75

55° spread lens LENS/2.75

40° x 70° spread lens LENS/2.75-4070

beam smoother *included with fixture*................................. CLR/2.75

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

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.

Dimensions: 6 5/8" [168mm]; 5 1/4" x 3 5/8" [133mm x 51mm]; 1 7/8" [47mm]; 9 1/4" [236mm]; 5 3/4" [146mm]; 5 3/4" [146mm]; 3 3/8" [84mm]

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 5/8" long. For this reason 1) it cannot be track-mounted closer than 6 7/8" on center and 2) it cannot be used with 2 of our 7 **Unicep** single-fixture track units.
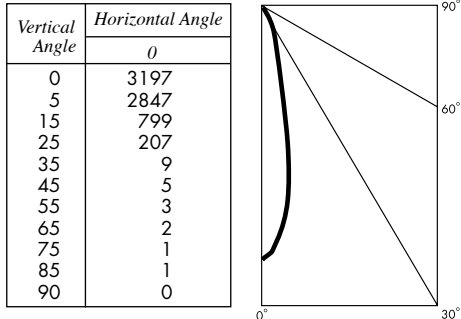
– see below for photometric reports –

MINIMAX O BLUETOOTH

EDISON PRICE LIGHTING

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

21°

Prorated from (UL) *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

Vertical Angle	Horizontal Angle 0
0	3197
5	2847
15	799
25	207
35	9
45	5
55	3
65	2
75	1
85	1
90	0

LUMINAIRE LIGHT OUTPUT AND EFFICACY

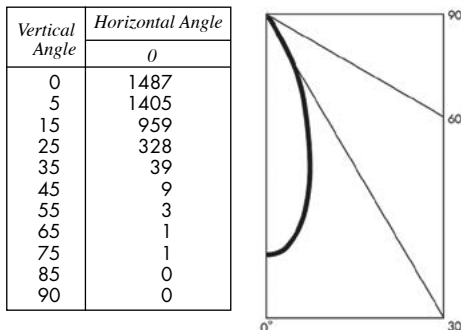| LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1300 Lumens Artist	560*	29*	19
1300 Lumens standard & Vibrant	560*	37*	15

*estimated values

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

43°

Prorated from (UL) *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

Vertical Angle	Horizontal Angle 0
0	1487
5	1405
15	959
25	328
35	39
45	9
55	3
65	1
75	1
85	0
90	0

LUMINAIRE LIGHT OUTPUT AND EFFICACY

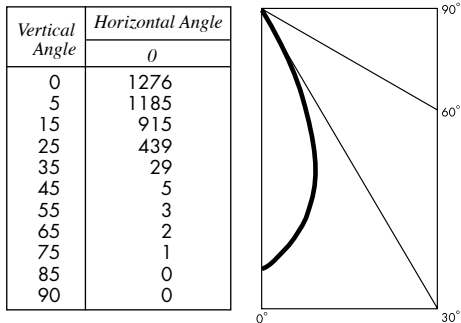| LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1300 Lumens Artist	582*	31*	19
1300 Lumens standard & Vibrant	582*	39*	15

*estimated values

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

60°

Prorated from (UL) *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

Vertical Angle	Horizontal Angle 0
0	1276
5	1185
15	915
25	439
35	29
45	5
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 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 MULTIPLIER

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

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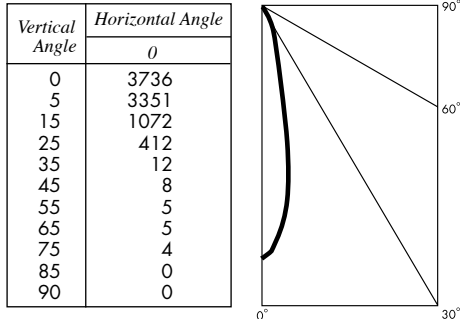
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PHOTOMETRIC REPORT with 21° reflector (tested per IESNA LM-79-2008)

21°

Prorated from (UL) *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

Vertical Angle	Horizontal Angle 0
0	3736
5	3351
15	1072
25	412
35	12
45	8
55	5
65	5
75	4
85	0
90	0

LUMINAIRE LIGHT OUTPUT AND EFFICACY

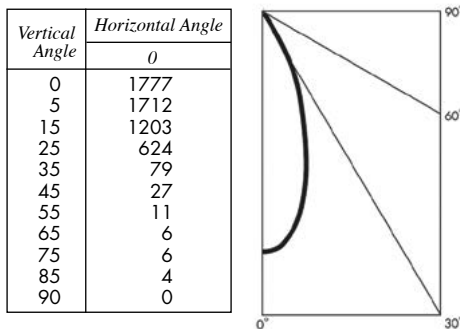| LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1300 Lumens Artist	814	43*	19
1300 Lumens standard & Vibrant	814	54*	15

*estimated values

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

43°

Prorated from (UL) *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

Vertical Angle	Horizontal Angle 0
0	1777
5	1712
15	1203
25	624
35	79
45	27
55	11
65	6
75	6
85	4
90	0

LUMINAIRE LIGHT OUTPUT AND EFFICACY

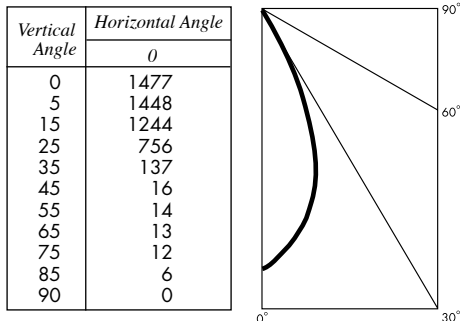| LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1300 Lumens Artist	864	45*	19
1300 Lumens standard & Vibrant	864	58*	15

*estimated values

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

60°

Prorated from (UL) *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

Vertical Angle	Horizontal Angle 0
0	1477
5	1448
15	1244
25	756
35	137
45	16
55	14
65	13
75	12
85	6
90	0

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 MULTIPLIER

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

TF 11-106   2:20