MADE IN **USA**
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MIDIMAX™ NSP-OBM BLUETOOTH
surface mounted addressable LED ring-baffled spotlight

Shown with Beam Smoother in use

MidiMax NSP-OBM Bluetooth is a surface mounted 10º or 24º spotlight powered by one of a number of Xicato XIM Gen4 9mm 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%. 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).

- **Optical assembly consists of an internal reflector and a matte black concentric ring baffle which increases beam control**, eliminates spill light and minimizes glare. Ring baffle is equipped with clips to accept one or two of a number of **Optical Accessories**, including spread lenses, color filters and light reduction screens. A complimentary Beam Smoother is included.

- **Beam spread may be changed by removing the ring baffle**, replacing one 'twist an lock' **reflector** with the other, and re-inserting the ring baffle. Luminaire is ordered with a single reflector; the other reflector may be ordered as an accessory.

- **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.

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

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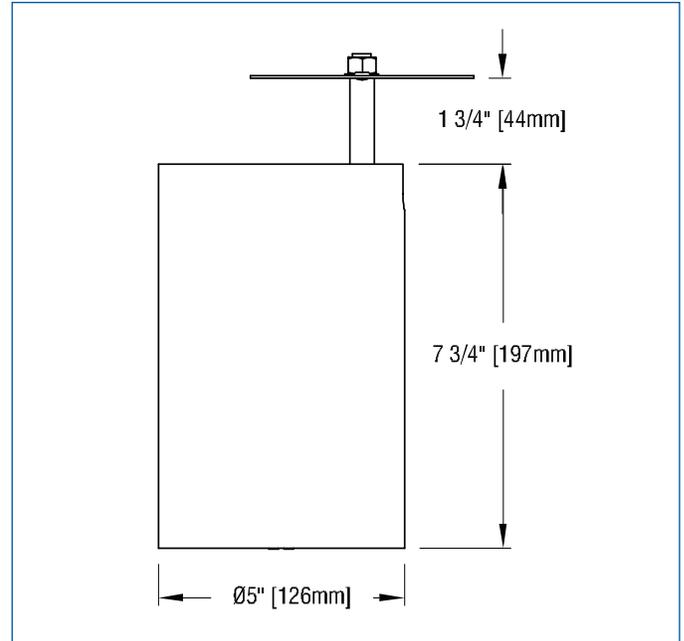
PRODUCT CODE
For complete product code, list basic unit and select one item from each following box.

Basic Unit LX2-XIS-OB-OG	

Beam Spread Reflector *(specify one to ship with fixture)*
10° narrow spot..- 10D
24° spot...- 24D

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

Light Source Output
700 lumens / CRI 98 Artist .... - L07A
700 lumens / CRI 80+ standard .... - L07S
700 lumens / CRI 80+ Vibrant .... *3000K only* .... - L07V
1000 lumens / CRI 98 Artist .... - L10A
1300 lumens / CRI 80+ standard ....- L13S
1300 lumens / CRI 80+ Vibrant .... *3000K only* .... - L13V

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.

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

EXTRA REFLECTORS *Specify as separate line items.*

10° narrow spot reflector XTS-REF10-70
24° spot reflector XTS-REF24-70

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 ▼ *See next page*

EDISON PRICE LIGHTING

OPTICAL ACCESSORIES

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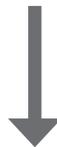*All are 2 ¾" (70mm) dia. Lenses and filters are glass; screens are aluminum.*

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

1 3/4" [44mm]

7 3/4" [197mm]

Ø5" [126mm]

APPLICATIONS

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 –

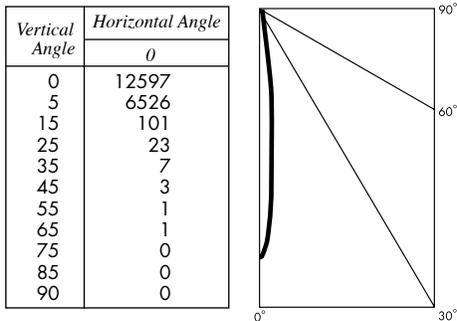# MIDIMAX NSP-OBM BLUETOOTH

EDISON PRICE LIGHTING

PHOTOMETRIC REPORT with 10° reflector (tested per IESNA LM-79-2008)

Prorated from UL Verification Services Report No. 1222997. Original test report furnished upon request.

Luminaire .... surface-mounted LED accent light with a 10° reflector and black ring-baffle (NO LENS)
Lamp .... Xicato 9mm 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	12597
5	6526
15	101
25	23
35	7
45	3
55	1
65	1
75	0
85	0
90	0

LUMINAIRE LIGHT OUTPUT AND EFFICACY

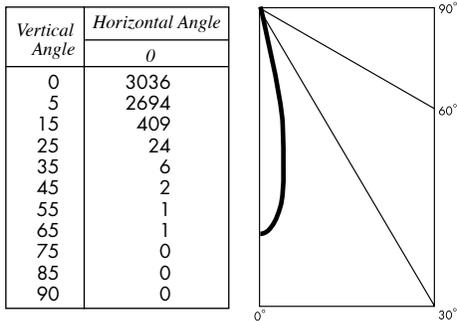| LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	275*	6928*	20*	14
700 Lumens standard & Vibrant	275*	6928*	25*	11
1000 Lumens Artist	385*	9700*	17*	23
1300 Lumens standard & Vibrant	500	12,597	26	19

*estimated values

PHOTOMETRIC REPORT with 24° reflector (tested per IESNA LM-79-2008)

Prorated from UL Verification Services Report No. 122998. Original test report furnished upon request.

Luminaire .... surface-mounted LED accent light with a 24° reflector and black ring-baffle (NO LENS)
Lamp .... Xicato 9mm 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	3036
5	2694
15	409
25	24
35	6
45	2
55	1
65	1
75	0
85	0
90	0

LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	205*	1670*	15*	14
700 Lumens standard & Vibrant	205*	1670*	19*	11
1000 Lumens Artist	287*	2338*	12*	23
1300 Lumens standard & Vibrant	373	3036	19	19

*estimated values

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

Voltage	120	277
Input Watts (L07A/L10A/L07S&V/L13S&V lumens)	14/23/11/19	14/23/11/19
Input Current(A) (L07A/L10A/L07S&V/L13S&V lumens)	.12/.19/.09/.16	.05/.08/.04/.07
Min. Power Factor	.99	.99
Operating Temperature Range (F)	–13 to 122	–13 to 122

LIGHT OUTPUT MULTIPLIER

LED Module Type	Light Output Multiplier
700 Lumens Artist	.55*
700 Lumens standard & Vibrant	.55*
1000 Lumens Artist	.77*
1300 Lumens standard & Vibrant	1

*estimated values