

MINIMAX™ NSP LH-OBM BLUETOOTH

surface mounted addressable LED open-aperture spotlight



- **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
- **Quick Change Cartridge accepts one or two [Optical Accessories](#)**, including spread lenses, color filters and screens. A complimentary Beam Smoother is included.
- **Beam spread is changed by removing the Quick Change Cartridge**, replacing one 'twist and lock' [reflector](#) with another, and replacing the cartridge. 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 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 NSP LH-OBM **Bluetooth** is a 10° or 24° spotlight designed for mounting on a 4" octagonal outlet box (by others). Luminaire is powered by one of a number of Xicato XIM Gen4 9mm LED modules – including 98 CRI Artist Series 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.....	MM-XIS-OB-OH
Finish	
white:	- WH
black:	- BL
Industrial Silver:	- SI
custom color: <i>identify color in specification</i>	- CC
Beam Spread Reflector (<i>specify one to ship with fixture</i>)	
10° narrow spot.....	- 10D
24° spot.....	- 24D
Light Source Output	
700 lumens / CRI 98 Artist	- L07A
700 lumens / CRI 80+ standard	- L07S
700 lumens / CRI 80+ Vibrant.....	- L07V
1000 lumens / CRI 98 Artist	- L10A
1300 lumens / CRI 80+ standard	- L13S
1300 lumens / CRI 80+ Vibrant.....	- L13V
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.

EXTRA REFLECTORS *Specify as separate line items.*

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

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*

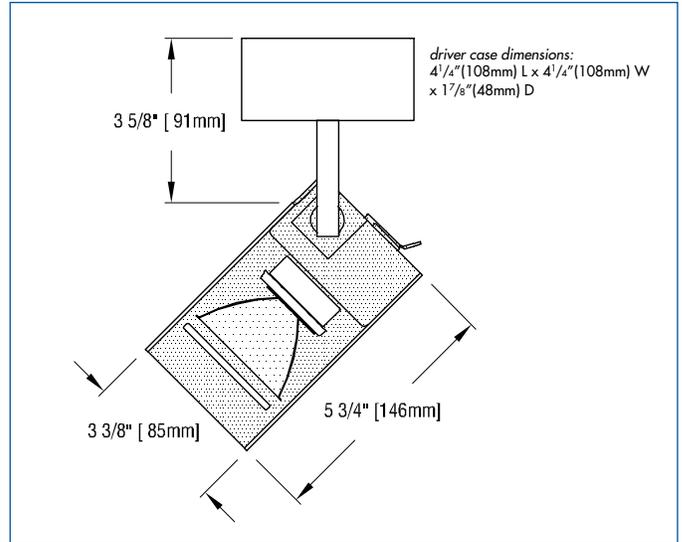


OPTICAL ACCESSORIES

Specify as separate line items.

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

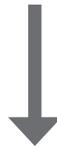
diffuse glass	DGS/2.75
prismatic lens (Solite)	PLS/2.75
55° spread lens	LENS/2.75
40° x 70° spread lens	LENS/2.75-4070
beam smoother <i>included with fixture</i>	CLR/2.75
color filters	
Daylight Blue	DAY/2.75
Surprise Pink	PNK/2.75
amber	AMB/2.75
blue	BLU/2.75
green	GRN/2.75
red	RED/2.75
33% light reduction screen	SCR33/2.75
50% light reduction screen	SCR50/2.75



APPLICATIONS

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

– see below for photometric reports –

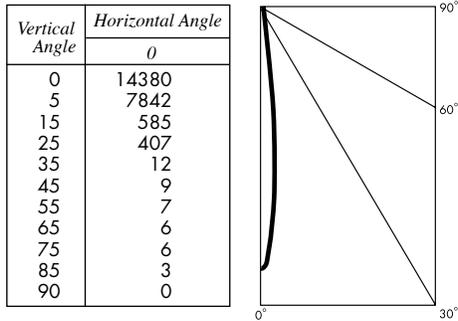


PHOTOMETRIC REPORT with 10° reflector (tested per IESNA LM-79-2008)

Prorated from Verification Services Report No. 1197590. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 10° reflector and black lens holder (NO LENS)
 Lamp Xicato XIM 9mm 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 (Candela)



LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	496*	7909*	36*	14
700 Lumens standard & Vibrant	496*	7909*	42*	11
1000 Lumens Artist	693*	11,058*	31*	23
1300 Lumens standard & Vibrant	901	14,380	47	19

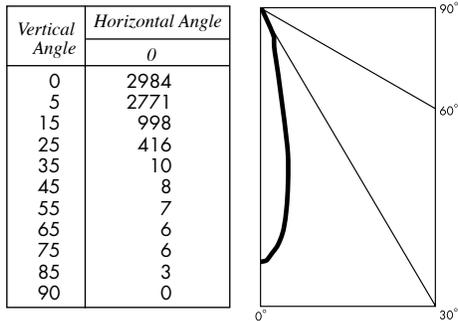
*estimated values

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

Prorated from Verification Services Report No. 1197592. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 24° reflector and black lens holder (NO LENS)
 Lamp Xicato XIM 9mm 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 (Candela)



LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	393*	1641*	28*	14
700 Lumens standard & Vibrant	393*	1641*	35*	11
1000 Lumens Artist	549*	2,295*	24*	23
1300 Lumens standard & Vibrant	714	2,984	37	19

*estimated values

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

Voltage	120	277
Input Watts (L07A/L10A/L7S&V/13S&V)	14/23/11/19	14/23/11/19
Input Current(A) (L07A/L10A/L7S&V/13S&V)	.12/.19/.09/.16	.05/.08/.04/.07
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
700 Lumens Artist	.55*
700 Lumens standard & Vibrant	.55*
1000 Lumens Artist	.77*
1300 Lumens standard & Vibrant	1

*estimated values