



MINIMAX™ LED NSP-OBM

surface mounted LED ring-baffled spotlight



Lens Collar not in use

Lens Collar in use

MiniMax LED NSP-OBM 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 LED modules – including 98 CRI Artist Series modules – all of which are distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See tables below for wattages and efficacies.

- Luminaire may be ordered with one of a number of drivers, all of which operate on either 120-volt or 277-volt service. Driver is housed in a seamless case measuring 4" x 5 1/2" x 1 15/16" deep.
- Quick Change Cartridge includes a matte black concentric ring baffle which increases beam control, eliminates spill light and minimizes glare.
- 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 Lens Collar is included with each fixture. Collar may be loaded with one or two Optical Accessories – including spread lenses, color filters or screens – and then snapped into mouth of fixture. 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](#).

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.

PRODUCT CODE

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

Basic UnitMM-XTS-OG-OB

Driver Choose one.

dimble to 1% by a 0-10V dimmer on 120 or 277-volt service - DMV
 dimble to 5% or 10% (see Light Output box below) by either an incandescent or ELV dimmer; 120-volt service only - DMP
 eldoLED 0-10V (Logarithmic) driver dimmable to 0.1% with a 0-10V dimmer on 120 or 277-volt service - DVOELG
 eldoLED 0-10V (Linear) driver dimmable to 0.1% with a 0-10V dimmer on 120 or 277-volt service - DVOELN
 eldoLED driver dimmable to 0.1%, compatible with DALI control system - DA0-EL
 Moons' driver dimmable to 0.1%, compatible with DMX controllers - DX0

For a model that dims wirelessly, see [MiniMax NSP-OBM Bluetooth](#)

Finish

white: - WH
 black: - BL
 Industrial Silver: - SI
 custom color: identify color in specification..... - CC

Light Source Output

700 lumens / CRI 98 Artist.....DMP (10%) - 07A
 1000 lumens / CRI 98 Artist.....DMP (5%)..... - 10A
 1000 lumens / CRI 80+ standard.....DMP (10%) - 10S
 1000 lumens / CRI 80+ Vibrant 3000K only.....DMP (10%) - 10V
 1300 lumens / CRI 80+ standard.....DMP (5%)..... - 13S
 1300 lumens / CRI 80+ Vibrant 3000K only.....DMP (5%)..... - 13V

Light Color

2700 K - 27K
 3000 K - 30K
 3500 K - 35K
 4000 K - 40K

Beam Spread Reflector (specify one to ship with fixture)

10° narrow spot..... - 10D
 24° spot..... - 24D

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

EXTRA REFLECTORS Specify as separate line items.

10° narrow spot reflectorXTS-REF10-70
 24° spot reflectorXTS-REF24-70

OPTICAL ACCESSORIES ▼ See next page

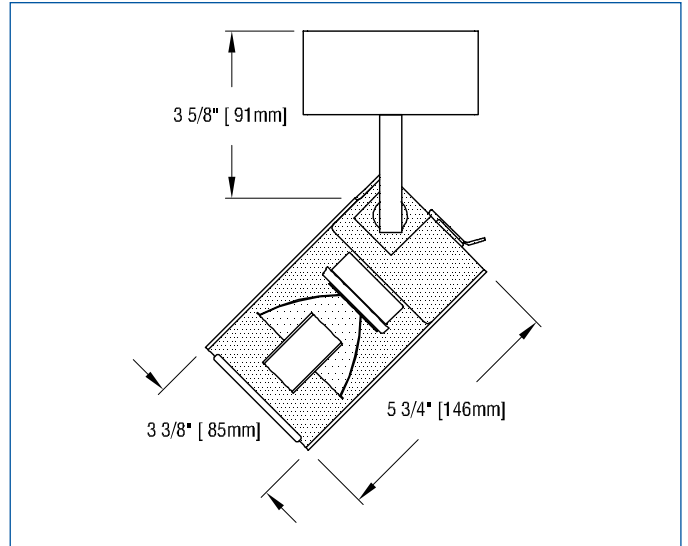


OPTICAL ACCESSORIES

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	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 listed for Damp Location mounting on a standard 4" octagonal outlet box (by others).

– see below for photometric reports –

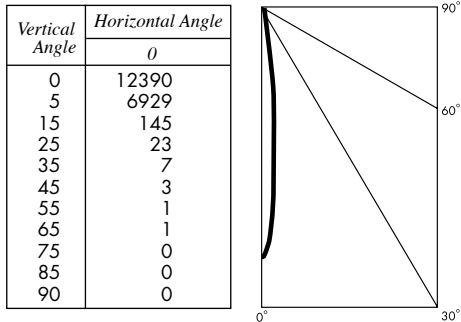


PHOTOMETRIC REPORT with 10° reflector (tested per IESNA LM-79-2008)

UL Verification Services Report No. 1197591. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 10° reflector and black ring-baffle (NO LENS)
 Lamp Xicato XTM 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



LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	307*	6815*	22*	14
1000 Lumens Artist	402*	8921*	21*	19
1000 Lumens standard & Vibrant	423*	9416*	30*	14
1300 Lumens standard & Vibrant	559	12,390	29*	19

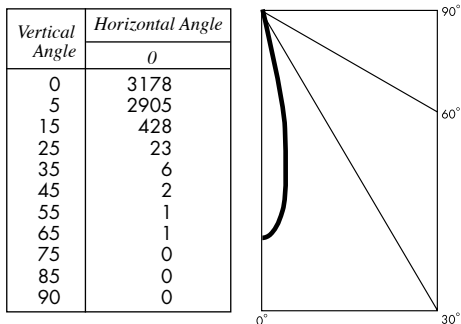
*estimated values

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

UL Verification Services Report No. 1197593. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 24° reflector and black ring-baffle (NO LENS)
 Lamp Xicato XTM 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



LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
700 Lumens Artist	224*	1747*	16*	14
1000 Lumens Artist	294*	2148*	15*	19
1000 Lumens standard & Vibrant	310*	2415*	22*	14
1300 Lumens standard & Vibrant	408	3178	21*	19

*estimated values

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

Voltage	120	277
Input Watts (L07A/L10A/L10S&V/13S&V)	14/19/14/19	14/19/14/19
Input Current(A) (L07A/L10A/L10S&V/13S&V)	.12/.16/.12/.16	.05/.07/.05/.07
Output Current (mA)	500-700	500-700
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*
1000 Lumens Artist	.72*
1000 Lumens standard & Vibrant	.76*
1300 Lumens standard & Vibrant	1.0

*estimated values