

Project

Type



Date

Product Code

Designer

# ARTIMA®/3 NSP-OBM

surface mounted LED spotlight



Artima/3 NSP OBM with Ring Baffle (OG)

Artima/3 NSP OBM with Open Aperture (OH)



aperture view



aperture view

Artima/3 NSP-OBM is a spot light designed for mounting on a 4" octagonal outlet box (by others). Fixture is powered by one of a number of 9mm Xicato LED modules. See tables below for wattages and efficacies.

- Fixture function can be changed with your choice of Quick Change Cartridge – which can be removed from the fixture easily – and your choice of 'twist and lock' reflector.
- Quick Change Cartridge / Reflector choices
  - Quick Change Cartridge with a ring baffle (OG) for narrow spot control; for use with a 10° or 24° reflector.
  - Quick Change Cartridge with an open aperture (OH) for maximum efficacy; for use with a 10° or 24° reflector.
- Fixture is provided with a single Quick Change Cartridge and a single reflector. Additional Quick Change Cartridges and reflectors may be ordered as accessories.
- Fixture may be ordered with one of a number of drivers.
- 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.
- Horizontal and vertical adjustment can be locked by tightening two collar clamps using a 3/32" hex key.
- For more information, [click here](#).

## PRODUCT CODE

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

Basic Unit .....	A3-XTS-OB
<b>Quick Change Cartridge</b>	
Ring Baffle.....	- OG
Open Aperture .....	- OH
<b>Reflector (specify one to ship with fixture)</b>	
10° narrow spot .....	- 10D
24° spot .....	- 24D
<b>Driver</b>	
dimble to 1% by a 0-10V dimmer on 120 or 277-volt service .....	- DMV
dimble to 5% or 10% (see Light Source 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
<b>Light Source Output (Lumens)</b>	
700L /CRI 98 Artist .....	DMP (10%) ..... - L07A
1000L /CRI 98 Artist .....	DMP ( 5% ) ..... - L10A
1000L /CRI 80+ .....	DMP (10%) ..... - L10S
1000L /CRI 80+ Vibrant.....	3000K only ..... DMP (10%) ..... - L10V
1300L /CRI 98 Artist .....	DMP ( 5% ) ..... - L13A
1300L /CRI 80+ .....	DMP ( 5% ) ..... - L13S
1300L /CRI 80+ Vibrant.....	3000K only ..... DMP ( 5% ) ..... - L13V
1600L /CRI 98 Artist .....	DMP ( 5% ) ..... - L16A
2000L /CRI 80+ .....	DMP ( 5% ) ..... - L20S
2000L /CRI 80+ Vibrant.....	3000K only ..... DMP ( 5% ) ..... - L20V
<b>Light Color</b>	
2700 K .....	- 27K
3000 K .....	- 30K
3500 K .....	- 35K
4000 K .....	- 40K
<b>Finish</b>	
white: white paint, white lead cord, matte aluminum heat sink .....	- WH
black: black paint, black lead cord, black heat sink .....	- BL
Industrial Silver: silver paint, black lead cord, black heat sink .....	- SI
custom color: include physical chip with order and select one from below	
• white lead cord, matte aluminum heat sink .....	- CCW
• black lead cord, black heat sink .....	- CCB
• any other combinations require a special order	
<b>EXTRA REFLECTORS &amp; CARTRIDGES</b>	
Specify as separate line items.	
<b>Reflector</b>	
10° spot reflector .....	XTS-REF10-72
24° spot reflector .....	XTS-REF24-70
<b>Quick Change Cartridge</b>	
Ring Baffle.....	A3-XTM-OG
Open Aperture .....	A3-XTM-OH

## OPTICAL ACCESSORIES ▼ See next page



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LED 0-245

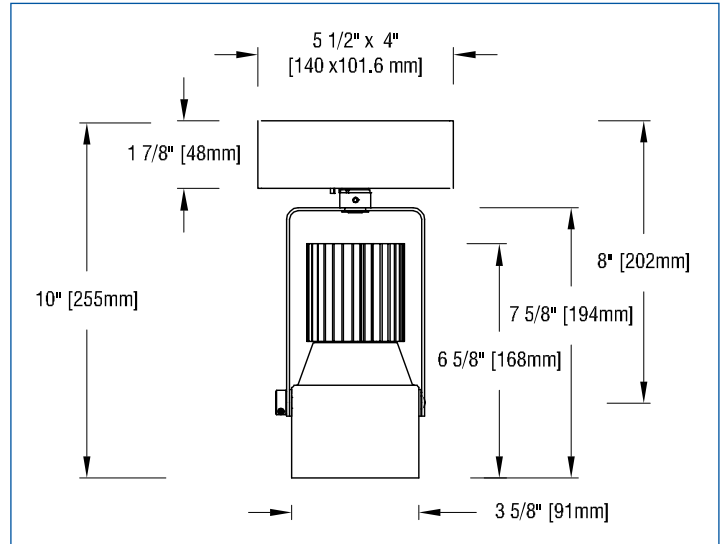
8-19

## 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</b> (Solite) .....	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</b> included with fixture .....	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



## BARN DOORS

Specify as separate line items.

Specify with one optical accessory (not included), see above.

<b>white</b> .....	BD-A3-WH
<b>black</b> .....	BD-A3-BL
<b>silver</b> .....	BD-A3-SI
<b>custom color</b> .....	BD-A3-CC



## APPLICATIONS

Luminaire is listed for 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)

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

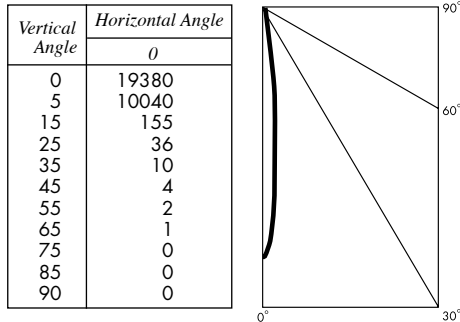
Luminaire ..... surface-mounted LED accent light with a 10° reflector and black ring-baffle (NO LENS)

Lamp ..... Xicato 9mm XTM LED Module, 2000 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	277*	6986*	20*	14
1000 Lumens Artist	365*	9192*	19*	19
1300 Lumens Artist	505*	12,723*	17*	30
1600 Lumens Artist	600*	15,116*	16*	38
1000 Lumens standard & Vibrant	382*	9631*	27*	14
1300 Lumens standard & Vibrant	510*	12,849*	27*	19
2000 Lumens standard & Vibrant	769	19,380	21	38

\*estimated values

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

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

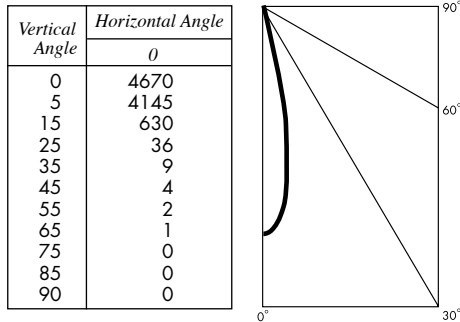
Luminaire ..... surface-mounted LED accent light with a 24° reflector and black ring-baffle (NO LENS)

Lamp ..... Xicato 9mm XTM LED Module, 2000 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	207*	1684*	15*	14
1000 Lumens Artist	272*	2215*	14*	19
1300 Lumens Artist	376*	3066*	12*	30
1600 Lumens Artist	447*	3643*	12*	38
1000 Lumens standard & Vibrant	285*	2321*	20*	14
1300 Lumens standard & Vibrant	380*	3096*	20*	19
2000 Lumens standard & Vibrant	573	4670	15	38

\*estimated values

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

Voltage	120	277
Input Watts (L07A/L10A/L13A/L16A/L10S&V/L13S&V/L20S&V)	14/19/30/38/14/19/38	14/19/30/38/14/19/38
Input Current(A) (L07A/L10A/L13A/L16A/L10S&V/L13S&V/L20S&V)	.12/.16/.25/.32/.12/.16/.32	.05/.07/.11/.14/.05/.07/.14
Output Current (mA)	500-1050	500-1050
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	.36*
1000 Lumens Artist	.47*
1300 Lumens Artist	.65*
1600 Lumens Artist	.78*
1000 Lumens standard & Vibrant	.50*
1300 Lumens standard & Vibrant	.66*
2000 Lumens standard & Vibrant	1

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

Verification Services Report No. 1222995. Original test report furnished upon request.

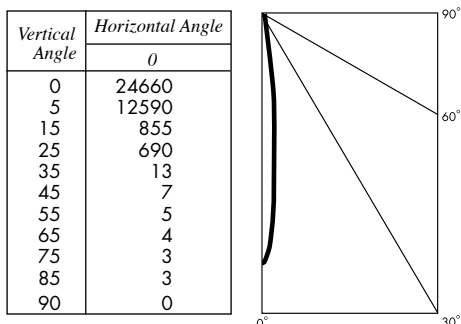
Luminaire ..... surface-mounted LED accent light with 10° reflector and black lens holder (NO LENS)

Lamp ..... Xicato LED Module, 2000 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	512*	8890*	36*	14
1000 Lumens Artist	674*	11696*	36*	19
1300 Lumens Artist	933*	16189*	31*	30
1600 Lumens Artist	1108*	19235*	29*	38
1000 Lumens standard & Vibrant	706*	12136*	50*	14
1300 Lumens standard & Vibrant	942*	16350*	50*	19
2000 Lumens standard & Vibrant	1421	24660	38	38

\*estimated values

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

Verification Services Report No. 122996. Original test report furnished upon request.

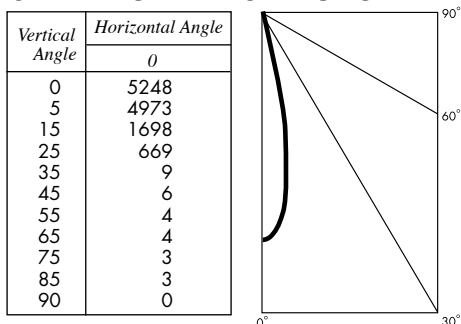
Luminaire ..... surface-mounted LED accent light with 24° reflector and black lens holder (NO LENS)

Lamp ..... Xicato LED Module, 2000 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	457*	1855*	32*	14
1000 Lumens Artist	602*	2465*	32*	19
1300 Lumens Artist	833*	3445*	27*	30
1600 Lumens Artist	990*	4093*	26*	38
1000 Lumens standard & Vibrant	631*	2608*	45*	14
1300 Lumens standard & Vibrant	841*	3479*	44*	19
2000 Lumens standard & Vibrant	1269	5248	34	38

\*estimated values