

# MINIMAX™ LED O-OBM

surface mounted LED cross-baffled accent light



MiniMax LED O-OBM is an accent light designed for mounting on a 4" octagonal outlet box (by others). Luminaire is powered by one of a number of Xicato LED modules – including Artist Series, Designer Series and Vibrant 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 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 matte black cross-baffle controls surface brightness and reduces spill light. Lens orientation is adjusted by twirling cross-baffle.
- A concealed swivel provides 385° horizontal rotation and vertical adjustment from 0° to 90°. The swivel is permanently tensioned, allowing 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. Standard finish is matte white; also available in black and silver matte paint finishes. A white switch is provided with white luminaires and a black switch with black or silver luminaires. For custom color luminaires (CC) specifier must indicate white or black switch.
- 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 Unit .....MM-XTM-OB-OX

#### Driver

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

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

#### Finish

white paint finish ..... - WH  
 black paint finish ..... - BL  
 Industrial Silver paint finish ..... - SI  
 custom color paint finish ..... *identify color in specification* ..... - CC

#### Light Source Output

700L / CRI 98 Artist.....	DMP(10%)	.....	- L07A
1000L / CRI 98.....	DMP( 5%)	.....	- L10A
1300L / CRI 98.....	DMP( 5%)	.....	- L13A
2100L / CRI 98.....	DMP( 5%)	.....	- L21A
1000L / CRI 90 Designer.....	DMP( 5%)	.....	- L10H
1500L / CRI 90.....	DMP( 5%)	.....	- L15H
2100L / CRI 90.....	DMP( 5%)	.....	- L21H
2400L / CRI 90.....	DMP( 5%)	.....	- L24H
1000L / CRI 80+ Vibrant.....	DMP(10%)	.....	- L10V
1500L / CRI 80+.....	DMP( 5%)	.....	- L15V
2100L / CRI 80+.....	DMP( 5%)	.....	- L21V
2700L / CRI 80+.....	DMP( 5%)	.....	- L27V
1000L / CRI 80+ standard.....	DMP(10%)	.....	- L10S
1500L / CRI 80+.....	DMP( 5%)	.....	- L15S
2100L / CRI 80+.....	DMP( 5%)	.....	- L21S
2700L / CRI 80+.....	DMP( 5%)	.....	- L27S

**Vibrant available in 3000K only Designer available in 2000K or 3000K**

#### Light Color

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

#### Beam Spread Reflector (*specify one to ship with fixture*)

21° spot.....	.....	- 21D
43° flood.....	.....	- 43D
60° wide flood.....	.....	- 60D

## EXTRA REFLECTORS *Specify as separate line items.*

21° spot reflector.....	.....	XTM-REF21-70
43° flood reflector.....	.....	XTM-REF43-70
60° wide flood reflector.....	.....	XTM-REF60-70

## OPTICAL ACCESSORIES ▼ *See next page*



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LED O-200 8:19

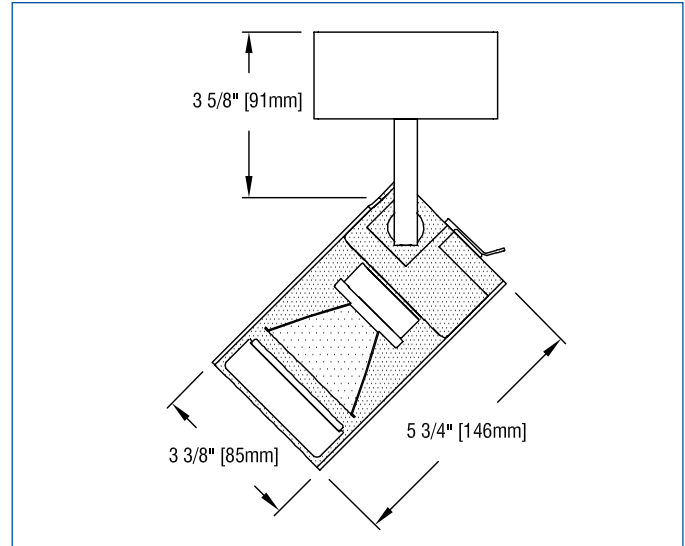
MiniMax is a pending trademark of Edison Price Lighting.

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



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

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

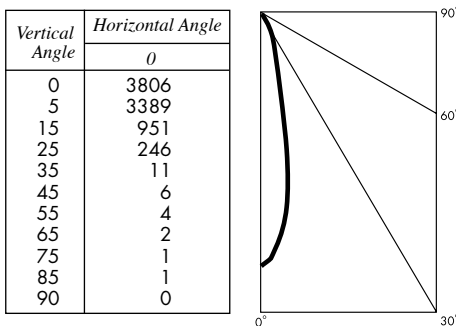
Verification Services Report No. 1139432. Original test report furnished upon request.

Luminaire ..... surface-mounted LED accent light with a 21° reflector and black cross-baffle (NO LENS)

Lamp ..... Xicato XTM LED Module, 1500 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 (lumens/watt)	System Wattage
700 Lumens Artist	315*	1789*	39*	8
1000 Lumens Artist	436*	2474*	36*	12
1300 Lumens Artist	556*	3159*	33*	17
2100 Lumens Artist	905*	5138*	36*	25
1000 Lumens Designer	436*	2474*	40*	11
1500 Lumens Designer	670*	3806*	39*	17
2100 Lumens Designer	898*	5100*	43*	21
2400 Lumens Designer	1025*	5823*	41*	25
1000 Lumens standard & Vibrant	422*	2398*	53*	8
1500 Lumens standard & Vibrant	670	3806	48	14
2100 Lumens standard & Vibrant	898*	5100*	43*	21
2700 Lumens standard & Vibrant	1139*	6470*	46*	25

\*estimated values

– photometrics continued below –



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

UL Verification Services Report No. 1139433. Original test report furnished upon request.

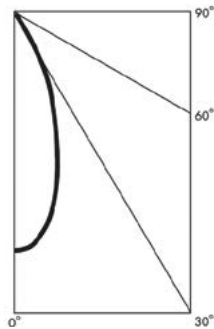
Luminaire ..... surface-mounted LED accent light with a 43° reflector and black cross-baffle (NO LENS)

Lamp ..... Xicato XTM LED Module, 1500 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	1770
5	1673
15	1142
25	390
35	46
45	10
55	3
65	2
75	1
85	0
90	0



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lumens/watt)	System Wattage
700 Lumens Artist	327*	832*	41*	8
1000 Lumens Artist	452*	1151*	38*	12
1300 Lumens Artist	578*	1469*	34*	17
2100 Lumens Artist	940*	2390*	38*	25
1000 Lumens Designer	452*	1151*	41*	11
1500 Lumens Designer	696*	1770*	41*	17
2100 Lumens Designer	933*	2372*	44*	21
2400 Lumens Designer	1065*	2708*	43*	25
1000 Lumens standard & Vibrant	438*	1115*	55*	8
1500 Lumens standard & Vibrant	696	1770	50	14
2100 Lumens standard & Vibrant	933*	2372*	44*	21
2700 Lumens standard & Vibrant	1183*	3009*	47*	25

\*estimated values

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

UL Verification Services Report No. 1139434. Original test report furnished upon request.

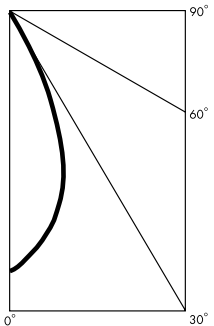
Luminaire ..... surface-mounted LED accent light with a 60° reflector and black cross-baffle (NO LENS)

Lamp ..... Xicato XTM LED Module, 1500 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	1519
5	1411
15	1089
25	523
35	34
45	6
55	4
65	2
75	1
85	0
90	0



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lumens/watt)	System Wattage
700 Lumens Artist	338*	714*	42*	8
1000 Lumens Artist	468*	987*	39*	12
1300 Lumens Artist	598*	1261*	35*	17
2100 Lumens Artist	972*	2051*	39*	25
1000 Lumens Designer	468*	987*	43*	11
1500 Lumens Designer	720*	1519*	42*	17
2100 Lumens Designer	965*	2035*	46*	21
2400 Lumens Designer	1102*	2324*	44*	25
1000 Lumens standard & Vibrant	454*	957*	57*	8
1500 Lumens standard & Vibrant	720	1519	51	14
2100 Lumens standard & Vibrant	965*	2035*	46*	21
2700 Lumens standard & Vibrant	1224*	2582*	49*	25

\*estimated values

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

Voltage	120	277
Input Watts (700A/1000A/1300A/2100A/1000H/1500H/2100H/2400H/1000S/1500S/2100S/2700S lumens)	8/12/17/25/11/17/21/25/8/14/21/25	8/12/17/25/11/17/21/25/8/14/21/25
Input Current(A) (700A/1000A/1300A/2100A/1000H/1500H/2100H/2400H/1000S/1500S/2100S/2700S lumens)	.07/10/14/21/09/14/18/21/07/12/18/21	.03/04/06/09/04/06/08/09/03/05/08/09
Output Current (mA)	350-700	350-700
Min. Power Factor 0.99	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	.47*
1000 Lumens Artist	.65*
1300 Lumens Artist	.83*
2100 Lumens Artist	1.35*
1000 Lumens Designer	.65*
1500 Lumens Designer	1*
2100 Lumens Designer	1.34*
2400 Lumens Designer	1.53*
1000 Lumens standard & Vibrant	.63*
1500 Lumens standard & Vibrant	1
2100 Lumens standard & Vibrant	1.34*
2700 Lumens standard & Vibrant	1.7*