

MINIMAX™ LED W-OBM

surface mounted LED wallwasher



MiniMax LED W-OBM is a wallwasher 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.
- The optical assembly consists of a hammered aluminum reflector and a 40° x 70° spread lens. In addition, the assembly can accept one of a number of [Optical Accessories](#) including color filters and screens. Assembly is keyed relative to luminaire housing, to retain critical lens orientation.
- 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. 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-W

Driver

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

For a model that dims wirelessly, see [MiniMax W-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

OPTICAL ACCESSORIES

Specify as separate line items.


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

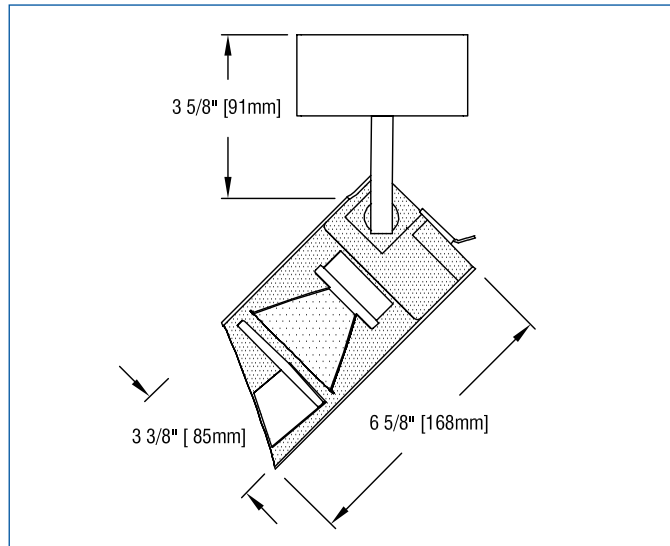
color filters

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 highlighting vertical surfaces in museums, galleries, showrooms, residences, offices and stores.

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



– see below for photometric reports –



PHOTOMETRIC REPORT (tested per IESNA LM-79-2008)

Verification Services Report No. 1139435. Original test report furnished upon request.

Luminaire surface-mounted LED wallwasher with a 60° internal reflector, a 40° x 70° spread lens and a specular hammer tone kicker reflector.

Lamp Xicato XTM LED Module, 1500 lumens, 3000K

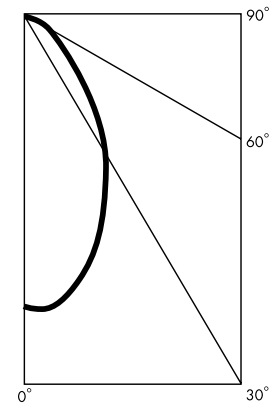
Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

WALLWASH INFORMATION

Distance From Ceiling (Feet)	2' 6" From Wall; 2' 6" O.C.		3' From Wall; 3' O.C.		3' 6" From Wall; 3' 6" O.C.	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	29	26	17	16	12	11
2	42	37	24	22	16	15
3	42	41	28	26	20	18
4	35	34	26	26	20	20
5	27	26	22	22	19	18
6	20	20	18	18	16	16
7	16	15	15	14	13	13
8	12	12	12	12	11	11
9	10	9	10	9	9	9
10			8	8	8	8

This table lists initial illuminance values at the center of a row of at least 5 fixtures with no contribution from ceiling or floor reflectance. Fixtures were modeled with maximum candlepower at 12° above vertical.

CANDLEPOWER DISTRIBUTION



LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lumens/watt)	System Wattage
700 Lumens Artist	478*	498*	60*	8
1000 Lumens Artist	662*	689*	55*	12
1300 Lumens Artist	845*	880*	50*	17
2100 Lumens Artist	1374*	1431*	55*	25
1000 Lumens Designer	662*	689*	60*	11
1500 Lumens Designer	1018*	1060*	60*	17
2100 Lumens Designer	1364*	1420*	65*	21
2400 Lumens Designer	1558*	1622*	62*	25
1000 Lumens standard & Vibrant	641*	668*	80*	8
1500 Lumens standard & Vibrant	1018	1060	73	14
2100 Lumens standard & Vibrant	1364*	1420*	65*	21
2700 Lumens standard & Vibrant	1731*	1802*	69*	25

*estimated values

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*

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