



MINIMAX™ LED O LH-OBM

surface mounted LED open aperture accent light



MiniMax LED O LH-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 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-OH

Driver

dimmable 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 O LH-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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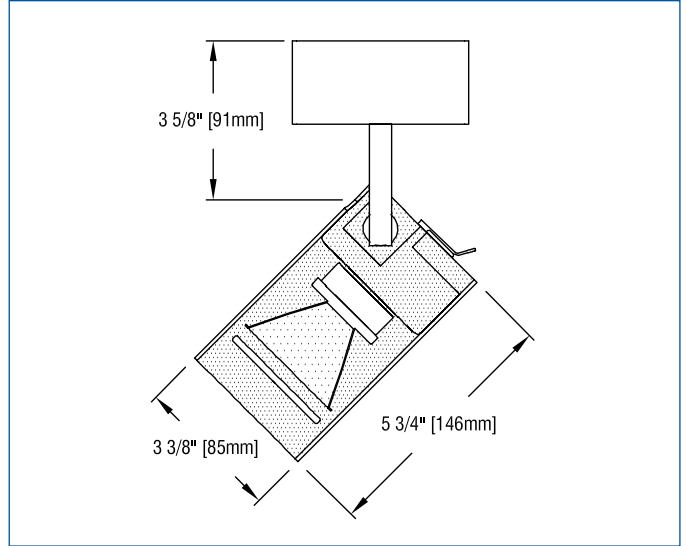
MiniMax is a pending trademark of Edison Price Lighting.

OPTICAL ACCESSORIES

Specify as separate line items.

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

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 included with fixture	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 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)

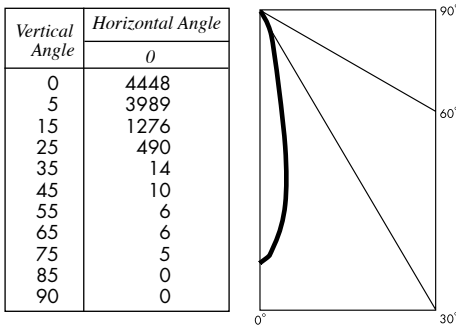
Verification Services Report No. 1139429. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 21° reflector and black lens holder (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	455*	2091*	57*	8
1000 Lumens Artist	630*	2891*	52*	12
1300 Lumens Artist	804*	3692*	47*	17
2100 Lumens Artist	1308*	6005*	52*	25
1000 Lumens Designer	630*	2891*	57*	11
1500 Lumens Designer	969*	4448*	57*	17
2100 Lumens Designer	1298*	5960*	62*	21
2400 Lumens Designer	1483*	6805*	59*	25
1000 Lumens standard & Vibrant	610*	2802*	76*	8
1500 Lumens standard & Vibrant	969	4448	69	14
2100 Lumens standard & Vibrant	1298*	5960*	62*	21
2700 Lumens standard & Vibrant	1647*	7562*	66*	25

*estimated values

– photometrics continued below –



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

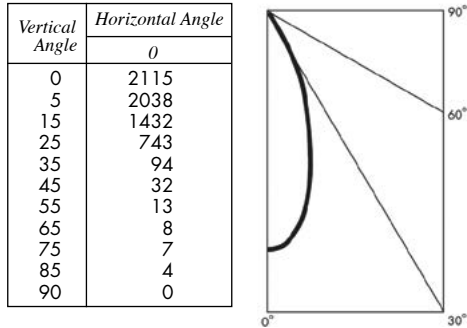
UL Verification Services Report No. 1139430. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 43° reflector and black lens holder (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	484*	994*	60*	8
1000 Lumens Artist	669*	1375*	56*	12
1300 Lumens Artist	854*	1755*	50*	17
2100 Lumens Artist	1389*	2855*	56*	25
1000 Lumens Designer	669*	1375*	61*	11
1500 Lumens Designer	1029*	2115*	61*	17
2100 Lumens Designer	1379*	2834*	66*	21
2400 Lumens Designer	1574*	3236*	63*	25
1000 Lumens standard & Vibrant	648*	1332*	81*	8
1500 Lumens standard & Vibrant	1029	2115	74	14
2100 Lumens standard & Vibrant	1379*	2834*	66*	21
2700 Lumens standard & Vibrant	1749*	3596*	70*	25

*estimated values

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

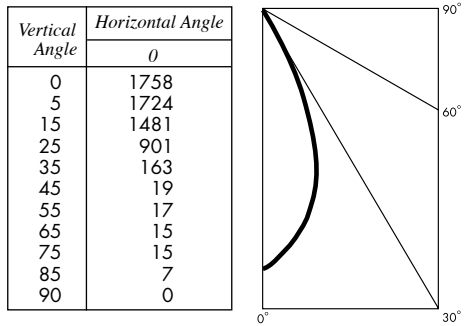
UL Verification Services Report No. 1139431. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 60° reflector and black lens holder (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	533*	826*	67*	8
1000 Lumens Artist	737*	1143*	61*	12
1300 Lumens Artist	941*	1459*	55*	17
2100 Lumens Artist	1531*	2373*	61*	25
1000 Lumens Designer	737*	1143*	67*	11
1500 Lumens Designer	1134*	1758*	67*	17
2100 Lumens Designer	1520*	2356*	72*	21
2400 Lumens Designer	1735*	2690*	69*	25
1000 Lumens Standard & Vibrant	714*	1108*	89*	8
1500 Lumens Standard & Vibrant	1134	1758	81	14
2100 Lumens Standard & Vibrant	1520*	2356*	72*	21
2700 Lumens Standard & Vibrant	1928*	2989*	77*	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
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*