



# IDM MIDIMAX™ LED O-OBM

surface mounted LED cross-baffled accent light with integral dimmer



- **Luminaire is designed for mounting on a 4" octagonal outlet box** (by others).
- **Whether operated on 120-volt or 277-volt service, luminaire may be dimmed to 10% by an integral rotary dimmer located in the center of the housing top.** Dimmer control shaft is spring loaded, permitting shaft to be expressed for adjustment and then depressed flush with the housing top to conserve dimmer setting. 'Clock face' markings permit registration of dimmer setting. (See illustrations below.)
- **A matte black cross-baffle assembly controls surface brightness and reduces spill light.** Lens orientation may be adjusted from below by rotating cross-baffles. The cross-baffle assembly is spring mounted but keyed relative to the fixture housing, to retain lens orientation once set.
- **Beam spread is changed by removing the cross-baffle assembly,** replacing one 'twist and lock' [reflector](#) with another, and re-inserting the cross-baffle assembly. 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 the luminaire to remain fixed at any aiming angle.
- **IDM MidiMax LED O-OBM accepts one or two of a number of [Optical Accessories](#),** including spread lenses, a beam smoother, color filters and light reduction screens. A complimentary Beam Smoother is included.
- **MidiMax 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 Industrial Silver matte paint finishes.
- **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.

IDM MidiMax LED O-OBM is a surface mounted accent light powered by one of two Xicato LED modules, all of which are distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See tables on the reverse for wattages and efficacies.

## PRODUCT CODE

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

Basic Unit ..... IDM-LX-XTM-OB-OX

Beam Spread Reflector (specify one to ship with fixture)

20° spot ..... - 20D  
40° flood ..... - 40D  
60° wide flood ..... - 60D

Finish

white paint finish ..... - WH  
black paint finish ..... - BL  
Industrial Silver paint finish ..... - SI  
custom color paint finish..... include physical chip with order ..... - CC

Light Source Output

2100 lumens / CRI 98 Artist..... - L21A  
2100 lumens / CRI 80+ ..... - L21S  
2100 lumens / CRI 80+ Vibrant ..... 3000K only ..... - L21V  
2700 lumens / CRI 80+ ..... - L27S  
2700 lumens / CRI 80+ Vibrant ..... 3000K only ..... - L27V

Light Color

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

### Dimming Notes:

- Fixture may be dimmed only by its integral dimmer.
- Fixture cannot be dimmed by a dimmer of any kind on the fixture circuit.
- Fixture may be damaged by use of an incandescent or ELV dimmer on the fixture circuit.
- Fixture will not be dimmed or damaged by use of a 0-10V dimmer on the fixture circuit.
- Combination with wireless Bluetooth controls available as modification.

## OPTIONS *Specify by adding to the product code.*

a rocker type **on/off switch** on fixture top, for use on 120-volt service only..... - SW  
white switch for white fixture, black for Silver or black fixture,  
specify which for custom color fixture

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

20° spot reflector ..... XTM-REF20-72  
40° flood reflector..... XTM-REF40-72  
60° wide flood reflector ..... XTM-REF60-70

## OPTICAL ACCESSORIES ▼ *See next page*



## DIMMER OPERATION

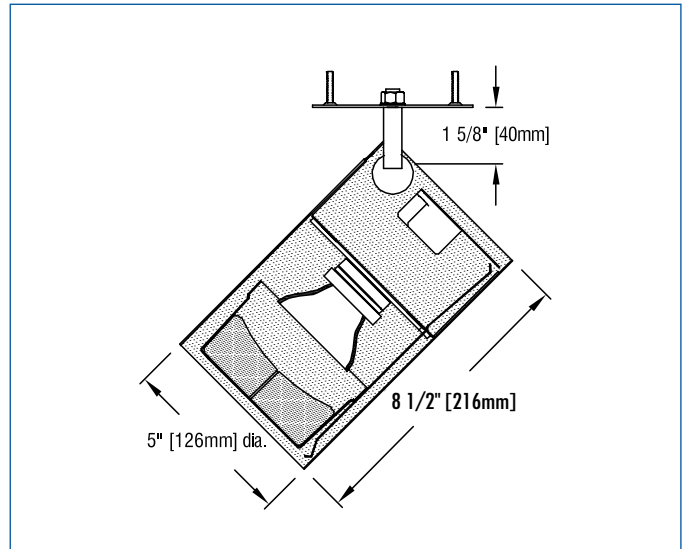


## OPTICAL ACCESSORIES

Specify as separate line items.

All are 3 3/4" (95mm) dia. Lenses and filters are glass; screens are aluminum.

<b>55° spread lens</b> .....	LENS/3.75
<b>40° x 70° spread lens</b> .....	LENS/3.75-4070
<b>prismatic lens (Solite)</b> .....	PLS/3.75
<b>beam smoother included with fixture</b> .....	CLR/3.75
<b>color filters</b>	
Daylight Blue .....	DAY/3.75
Surprise Pink .....	PNK/3.75
amber .....	AMB/3.75
blue .....	BLU/3.75
green .....	GRN/3.75
red .....	RED/3.75
<b>33% light reduction screen</b> .....	SCR33/3.75
<b>50% light reduction screen</b> .....	SCR50/3.75



## APPLICATIONS

Luminaire is suitable for highlighting vertical or horizontal surfaces, as well as objects in museums, galleries, showrooms, residences, offices and stores.

Luminaire is suitable for 120-volt or 277-volt electrical service and is listed for Damp Location mounting on a standard 4" octagonal outlet box (by others).

– see below for photometric reports –

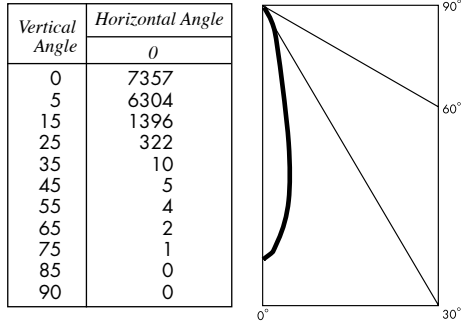


## PHOTOMETRIC REPORT with 20° reflector (tested per IESNA LM-79-2008)

UL Verification Services Report No. 1164149. Original test report furnished upon request.

Luminaire ..... surface-mounted LED accent light with a 20° reflector and black cross-baffle (NO LENS)  
 Lamp ..... Xicato XTM LED Module, 2100 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 Efficacy (lms/watt)	System Wattage
2100 Lumens Artist	1072*	41*	26
2100 Lumens standard & Vibrant	1072	47	23
2700 Lumens standard & Vibrant	1351*	51*	26

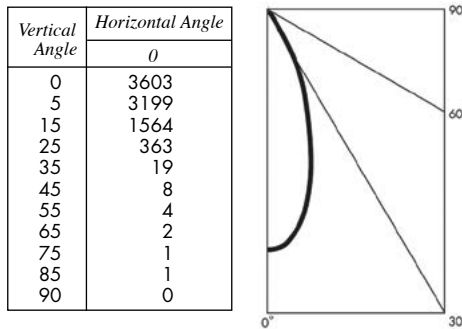
\*estimated values

## PHOTOMETRIC REPORT with 40° reflector (tested per IESNA LM-79-2008)

UL Verification Services Report No. 1164150. Original test report furnished upon request.

Luminaire ..... surface-mounted LED accent light with a 40° reflector and black cross-baffle (NO LENS)  
 Lamp ..... Xicato XTM LED Module, 2100 lumens, 3000K      Lamp Life ..... see above

### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
2100 Lumens Artist	914*	35*	26
2100 Lumens standard & Vibrant	914	40	23
2700 Lumens standard & Vibrant	1152*	44*	26

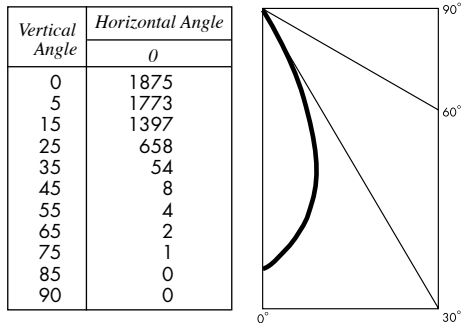
\*estimated values

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

UL Verification Services Report No. 1164151. 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, 2100 lumens, 3000K      Lamp Life ..... see above

### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
2100 Lumens Artist	912*	35*	26
2100 Lumens standard & Vibrant	912	40	23
2700 Lumens standard & Vibrant	1149*	44*	26

\*estimated values

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

Voltage	120	277
Input Watts (2100A/2100/2700 lumens)	26/23/26	26/18/26
Input Current(A) (2100A/2100/2700 lumens)	.22/.19/.22	.09/.08/.09
Output Current (mA)	700	700
Min. Power Factor	0.90	0.90
Operating Temperature Range (F)	-13 to 122	-13 to 122

## LIGHT OUTPUT MULTIPLIER

LED Module Type	Light Output Multiplier
2100 Lumens Artist	1
2100 Lumens standard & Vibrant	1
2700 Lumens standard & Vibrant	1.26*

\*estimated values