

Project

Date

Product Code

Type

Designer



ARTIMA®/3 W-OBM

surface mounted LED wallwasher



Artima/3 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 and Vibrant Series modules – all of which are distinguished by extraordinary color consistency (within 1x2-step MacAdam ellipse). See tables on the reverse for wattages and efficacies.

- Luminaire may be ordered with one of a number of drivers, all of which are housed in a case measuring. 5 1/2" x 4" x 1 7/8" deep.
- The optical assembly for Artima LED/3 W-OBM consists of an aluminum reflector and a 40° x 70° spread lens. In addition, the assembly can accept one of a number of optional [Optical Accessories](#) including color filters and screens. Assembly is keyed relative to luminaire housing, to retain critical lens orientation.
- Luminaire provides 385° horizontal rotation and vertical adjustment from 0° to 90°. Lamp focus can be locked by tightening two collar clamps using a 3/32" hex key.
- Standard white finish includes white paint, a white lead cord and a matte aluminum heat sink; and, if an optional switch is specified, a white switch.
- For more information, [click here](#).

PRODUCT CODE

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

Basic UnitA3-XTM-OB-W

| | |
|---|----------|
| Driver | |
| dimmable to 1% by a 0-10V dimmer on 120 or 277-volt service | - DMV |
| dimmable to 5% on some models (see Light 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 | - DAO-EL |

| | |
|-------------------------------------|----------------------------------|
| Light Source Output (Lumens) | |
| 1300L / CRI 98 Artist | DMP - L13A |
| 2100L / CRI 98 | DMP - L21A |
| 3000L / CRI 98 | - L30A |
| 1500L / CRI 90 Designer..... | DMP - L15H |
| 2100L / CRI 90 | DMP - L21H |
| 3000L / CRI 90 | - L30H |
| 3500L / CRI 90 | 2700K not available..... - L35H |
| 1500L / CRI 80+ Vibrant | 3000K onlyDMP - L15V |
| 2100L / CRI 80+ | 3000K onlyDMP - L21V |
| 3000L / CRI 80+ | 3000K onlyDMP - L30V |
| 3900L / CRI 80+ | 3000K only - L39V |
| 1500L / CRI 80+ standard | DMP - L15S |
| 2100L / CRI 80+ | DMP - L21S |
| 3000L / CRI 80+ | DMP - L30S |
| 3900L / CRI 80+ | - L39S |

| | |
|--------------------|-------------|
| Light Color | |
| 2700 K..... | - 27K |
| 3000 K..... | - 30K |
| 3500 K..... | - 35K |
| 4000 K..... | - 40K |

| | |
|--|-------|
| Finish | |
| 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 | |

OPTICAL ACCESSORIES

Specify as separate line items; only for use with one of the above. All are 2 3/4" (70mm) diameter. Lenses and filters are glass; screens are aluminum.

| | |
|---|----------------|
| 40° x 70° spread lens (included with fixture) | LENS/2.75-4070 |
| 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 |



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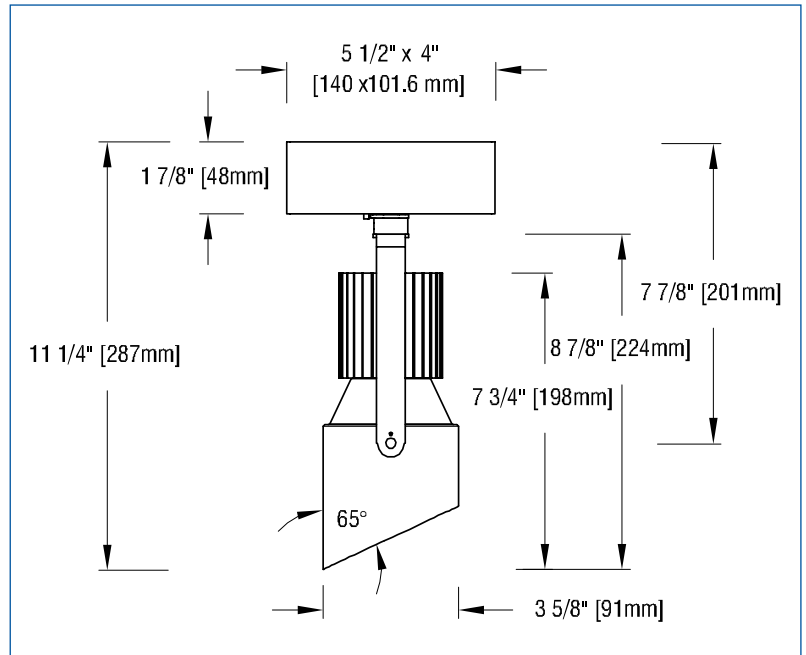
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LED 0-243 2:20

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)

Prorated from Verification Services Report No. 1164145. Original test report furnished upon request.

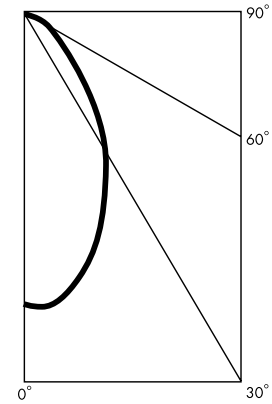
Luminaire surface-mounted LED wallwasher with a 60° internal reflector, a 40° x 70° spread lens and a specular hammer tone kicker reflector.
 Lamp Xicato XTM LED Module, 2100 lumens, 3000K
 Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

WALLWASH INFORMATION

| Distance From Ceiling (Feet) | 3' From Wall; 3' O.C. (2100 lumens) | | 3' 6" From Wall; 3' 6" O.C. (2100 lumens) | | 4' From Wall; 4' O.C. (3900 lumens) | |
|------------------------------|--|------------------|--|------------------|--|------------------|
| | Below Fixture | Between Fixtures | Below Fixture | Between Fixtures | Below Fixture | Between Fixtures |
| 1 | 18 | 16 | 15 | 13 | 21 | 18 |
| 2 | 30 | 26 | 22 | 19 | 31 | 26 |
| 3 | 34 | 32 | 27 | 24 | 37 | 33 |
| 4 | 31 | 31 | 26 | 26 | 36 | 35 |
| 5 | 27 | 26 | 23 | 23 | 33 | 33 |
| 6 | 22 | 21 | 20 | 20 | 30 | 29 |
| 7 | 18 | 17 | 17 | 16 | 26 | 25 |
| 8 | 14 | 14 | 14 | 13 | 22 | 21 |
| 9 | 11 | 11 | 11 | 11 | 18 | 18 |
| 10 | 9 | 9 | 9 | 9 | 15 | 15 |
| 11 | 7 | 7 | 7 | 7 | 13 | 13 |
| 12 | 6 | 6 | 6 | 6 | 11 | 11 |
| 13 | | | | | 9 | 9 |
| 14 | | | | | 8 | 8 |
| 15 | | | | | 7 | 7 |

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 10° to 15° above vertical.

CANDLEPOWER DISTRIBUTION



LUMINAIRE LIGHT OUTPUT AND EFFICACY

| LED Module Type | Luminaire Light Output | Luminaire CBCP | Luminaire Efficacy (lms/watt) | System Wattage |
|--------------------------------|------------------------|----------------|-------------------------------|----------------|
| 1300 Lumens Artist | 660* | 718* | 39* | 17 |
| 2100 Lumens Artist | 1057* | 1151* | 42* | 25 |
| 3000 Lumens Artist | 1455* | 1585* | 39* | 37 |
| 1500 Lumens Designer | 775* | 844* | 46* | 17 |
| 2100 Lumens Designer | 1047* | 1140* | 50* | 21 |
| 3000 Lumens Designer | 1476* | 1607* | 49* | 30 |
| 3500 Lumens Designer | 1675* | 1824* | 45* | 37 |
| 1500 Lumens standard & Vibrant | 785* | 855* | 56* | 14 |
| 2100 Lumens standard & Vibrant | 1047 | 1140 | 50 | 21 |
| 3000 Lumens standard & Vibrant | 1476* | 1607* | 48* | 31 |
| 3900 Lumens standard & Vibrant | 1864* | 2029* | 50* | 37 |

*estimated values

LIGHT OUTPUT MULTIPLIER

| LED Module Type | Light Output Multiplier |
|--------------------------------|-------------------------|
| 1300 Lumens Artist | .63* |
| 2100 Lumens Artist | 1.01* |
| 3000 Lumens Artist | 1.39* |
| 1500 Lumens Designer | .74* |
| 2100 Lumens Designer | 1* |
| 3000 Lumens Designer | 1.41* |
| 3500 Lumens Designer | 1.6* |
| 1500 Lumens standard & Vibrant | .75* |
| 2100 Lumens standard & Vibrant | 1 |
| 3000 Lumens standard & Vibrant | 1.41* |
| 3900 Lumens standard & Vibrant | 1.78* |

*estimated values

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

| Voltage | 120 | 277 |
|---|---|---|
| Input Watts (1300A/2100A/3000A/1500H/2100H/3000H/3500H/1500S&V/2100S&V/3000S&V/3900S&V lumens) | 17/25/37/17/21/30/37/14/21/31/37 | 17/25/37/17/21/30/37/14/21/31/37 |
| Input Current(A) (1300A/2100A/3000A/1500H/2100H/3000H/3500H/1500S&V/2100S&V/3000S&V/3900S&V lumens) | .14/.21/.31/.14/.18/.25/.31/.12/.18/.26/.31 | .06/.09/.13/.06/.08/.11/.13/.05/.08/.11/.13 |
| Output Current (mA) | 350-700 | 350-700 |
| Min. Power Factor | 0.90 | 0.90 |
| Operating Temperature Range (F) | -13 to 122 | -13 to 122 |