

Project

Type



Date

Product Code

Designer

MAGIC WAND® CLT W-OBM BLUETOOTH

surface mounted wireless LED wallwasher



- **Luminaire is equipped with a Xicato Bluetooth Low Energy Intelligent Driver**, controllable via a smart device with iOS or Windows based apps. Features include
 - standard Bluetooth Wireless connectivity
 - addressable individually
 - on/off control
 - dimming to 0.1%
 - data collection and storage for operating history
 - direct listening to switches and sensors
 - embedded Eddystone, iBeacon and/or AltBeacon beacons
- **Luminaire may be configured to mount to any of eighteen 20-amp, 120-volt track systems** – or – to any of six 277-volt track systems.
- **Optical assembly consists of an aluminum reflector and a 40° x 70° spread lens.**
- **Concealed swivels** provide 350° of horizontal rotation and vertical adjustment from 0° to 90°. The swivels are permanently tensioned, allowing the fixture to remain fixed at any aiming angle.
- **For more information, [click here.](#)**

Magic Wand CLT W-OBM Bluetooth is a wallwasher designed for mounting on a 4" octagonal outlet box (by others). Fixture is powered by a Cree chip-on-board LED and is equipped with a Xicato intelligent driver (XID). See tables below for wattages and efficacies.

PRODUCT CODE

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

Basic Unit	MW-CLT-XID-OB-W
Light Source Output (Lumens)	
1200L / CRI 98	5000K not available - L12A
1500L / CRI 80+ - L15S
Light Color	
2700K	- 27K
3000K	- 30K
3500K	- 35K
4000K	- 40K
5000K	not available with all Light Outputs (see above)..... - 50K
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 combination requires a special order	
Circuit Limitations	
Luminaire operates only on circuits with <u>no</u> dimmer on the circuit	
USB Key	
To address this fixture from a Windows-based PC, laptop or tablet, a USB key (dongle) is required. Contact factory for USB key.	



41-50 22ND STREET, LIC NY 11101

718.685.0700

www.epl.com

©Copyright, Edison Price Lighting 2020

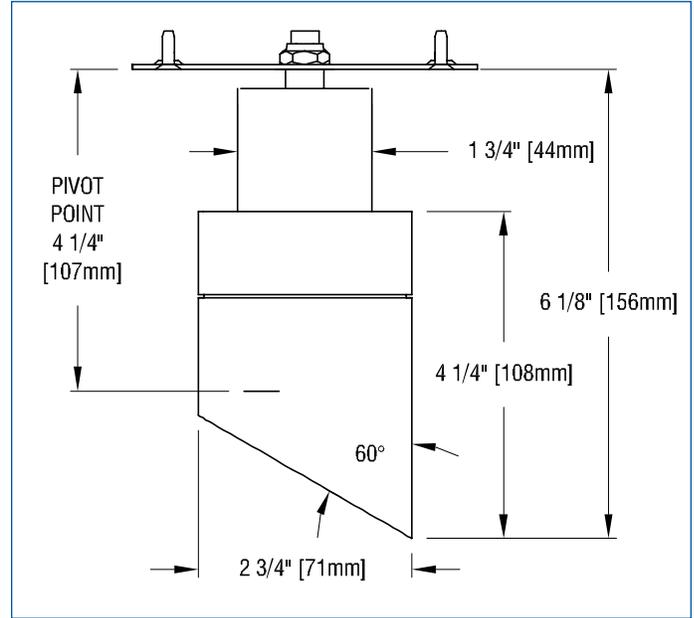
Artima is a registered trademark of Edison Price Lighting.

LED 0-199 1:20

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).



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

Verification Services Report No. 12556986.07. Original test report furnished upon request.

Luminaire surface-mounted LED wallwasher with internal reflector and lens and a specular kicker reflector.

Lamp CREE LED 1500 lumens, 3000K CCT, 80 CRI.

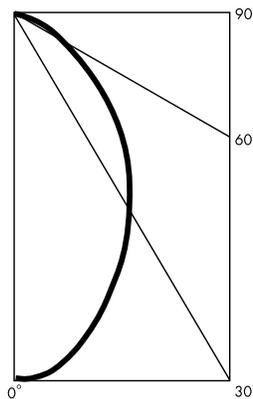
Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request.

WALLWASH INFORMATION

Distance From Ceiling (Feet)	3' From Wall; 3' O.C. (1500 lumens)		3' 6" From Wall; 3' 6" O.C. (1500 lumens)	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	22	20	15	13
2	36	33	25	22
3	36	35	27	26
4	29	29	24	24
5	23	22	20	19
6	17	17	16	15
7	13	13	13	12
8	10	10	10	10
9	8	8	8	8
10	6	6	6	6
11	5	5	5	5
12	4	4	4	4

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 20° to 25° above vertical.

CANDLEPOWER DISTRIBUTION



LIGHT OUTPUT MULTIPLIER

(Based on 1500 lumens 80 CRI option)

LED Module Type	Light Output Multiplier
1200 Lumens 98 CRI (L12A)	0.76*
1500 Lumens 80 CRI (L15S)	1

*estimated values

STANDARD DRIVER INFORMATION

(UL Class 2, dry and damp location)

Voltage	120	277
Input Watts (L12A/L15S)	14/14	14/14
Input Current(A) (L12A/L15S)	.12/.12	.05/.05
Output Current (mA)	350	350
Min. Power Factor	0.90	0.90
Operating Temperature Range (F)	-4 to 122	-4 to 122

LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
1200 Lumens 98 CRI (L12A)	658*	47*	14
1500 Lumens 80 CRI (L15S)	866	62	14

*estimated values