

# ARTIMA®/5 CZS W-OBM BLUETOOTH

surface mounted LED addressable 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 is designed for mounting on a 4" octagonal outlet box** (by others).
- **Luminaire optical assembly 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 9/64" hex key.
- **For more information, [click here.](#)**

Artima/5 CZS W-OBM Bluetooth is a surface mounted wallwasher powered by Citizen chip-on-board LED's providing either a CRI of 97 within 2-step MacAdam ellipses or a CRI of 80 within 3-step MacAdam ellipses. See tables on reverse for wattages and efficacies.

## PRODUCT CODE

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

<b>Basic Unit</b> .....	A5-CZS2-XID-OB-W
<b>Finish</b>	
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	
<b>Light Source Output (Lumens)</b>	
2100 lumens/97 CRI .....	2700K & 3000K only ..... - L21A
2800 lumens/97 CRI .....	2700K & 3000K only ..... - L28A
3000 lumens/97 CRI .....	2700K & 3000K only ..... - L30A
3900 lumens/97 CRI .....	2700K & 3000K only ..... - L39A
2700 lumens/80 CRI .....	..... - L27S
3600 lumens/80 CRI .....	..... - L36S
4000 lumens/80 CRI .....	..... - L40S
5100 lumens/80 CRI .....	..... - L51S
<b>Light Color</b>	
2700 K .....	not available with all Light Outputs (see above) ..... - 27K
3000 K .....	..... - 30K
3500 K .....	not available with all Light Outputs (see above) ..... - 35K
4000 K .....	not available with all Light Outputs (see above) ..... - 40K
5000 K .....	not available with all Light Outputs (see above) ..... - 50K
<b>Circuit Limitations</b>	
Luminaire operates only on circuits with	
• no dimmer on the circuit – or –	
• a 0-10V dimmer on the circuit.	

## OPTICAL ACCESSORIES ▼ See next page

### 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.

### Warranty Details

- This fixture is not suitable for use in direct sunlight, as under a skylight. Fixtures used in this way are not covered by our warranty.
- Our 5-year warranty does not include the provision of extraordinary means of access, e.g. scaffolding or Genie lifts, to service a product.



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LED 0-252.7 3:19

## OPTICAL ACCESSORIES

Specify as separate line items; only for use with one of the above.

All are 4 3/4" (121 mm) diameter. Lenses and filters are glass; screens are aluminum.

**40° x 70° spread lens** ..... included with fixture ..... LENS/4.75-4070

### color filters

Daylight Blue ..... DAY/4.75

Surprise Pink ..... PNK/4.75

amber ..... AMB/4.75

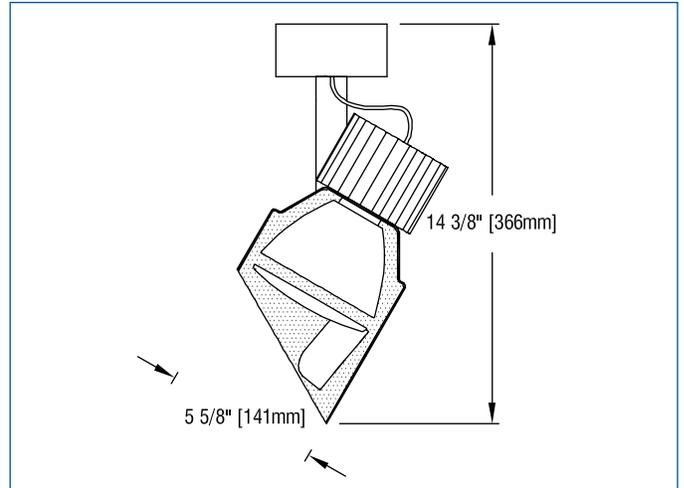
blue ..... BLU/4.75

green ..... GRN/4.75

red ..... RED/4.75

**33% light reduction screen** ..... SCR33/4.75

**50% light reduction screen** ..... SCR50/4.75

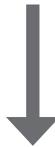


## APPLICATIONS

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

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

– see below for photometric reports –



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

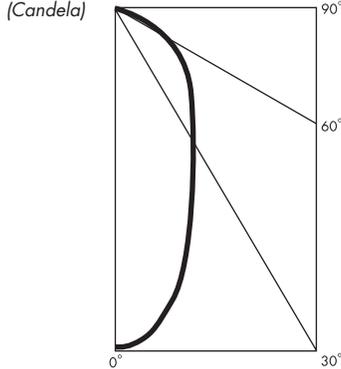
Prorated from Verification Services Report No. 12186406.01. Original test report furnished upon

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

Lamp .....Citizen LED, 5100 lumens, 3000K CCT

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

## CANDLEPOWER DISTRIBUTION



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

Voltage	120	277
Input Watts (L27S/L36S/L40S/L51S/L21A/L28A/L30A/L39A)	19/27/31/45/19/27/31/45	19/27/31/45/19/27/31/45
Input Current(A) (L27S/L36S/L40S/L51S/L21A/L28A/L30A/L39A)	16/23/26/38/16/23/26/38	.07/10/11/16/07/10/11/16
Output Current (mA)	500-1100	500-1100
Min. Power Factor	0.90	0.90
Operating Temperature Range (F)	-4 to 122	-4 to 122

## WALLWASH INFORMATION

Distance From Ceiling (Feet)	5' from wall; 5' O.C.		5' 6" from wall; 5' 6" O.C.		6' from wall; 6' O.C.	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	19	15	15	13	13	11
2	29	24	23	19	19	16
3	38	32	30	25	25	20
4	39	37	32	30	27	25
5	36	34	31	31	26	26
6	34	30	29	29	25	25
7	31	27	27	27	23	23
8	28	24	25	24	22	21
9	25	21	23	22	20	20
10	22	18	20	18	19	18
11	19	15	18	19	17	16
12	16	13	15	17	15	14
13	14	11	13	15	13	13
14	12	10	12	13	11	11
15	10	8	10	11	10	10
16	9	7	9	10	9	9
17			8	9	8	8
18			7	8	7	7
19					6	6
20					5	5

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° above vertical.

## LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lumens/watt)	System Wattage
2700 Lumens 80 CRI (L27S)	1357*	71*	19
3600 Lumens 80 CRI (L36S)	1818*	67*	27
4000 Lumens 80 CRI (L40S)	1998*	64*	31
5100 Lumens 80 CRI (L51S)	2561*	57*	45
2100 Lumens 97 CRI (L21A)	1127*	59*	19
2800 Lumens 97 CRI (L28A)	1383*	51*	27
3000 Lumens 97 CRI (L30A)	1537*	50*	31
3900 Lumens 97 CRI (L39A)	1972*	44*	45

\*estimated values

## LIGHT OUTPUT MULTIPLIER

(Based on 5100 lumens 80 CRI option)

LED Module Type	Light Output Multiplier
2700 Lumens 80 CRI (L27S)	0.53*
3600 Lumens 80 CRI (L36S)	0.71*
4000 Lumens 80 CRI (L40S)	0.78*
5100 Lumens 80 CRI (L51S)	1
2100 Lumens 97 CRI (L21A)	0.44*
2800 Lumens 97 CRI (L28A)	0.54*
3000 Lumens 97 CRI (L30A)	0.6*
3900 Lumens 97 CRI (L39A)	0.77*