

# MAXIMA® CZS W-OBM

surface mounted LED wallwasher



- Luminaire is designed for mounting on a 4" octagonal outlet box (by others).
- The optical assembly for Maxima LED 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.
- 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.
- Maxima luminaires have seamless aluminum housings and cast aluminum tops for lightweight durability and heat dissipation.
- For more information, [click here](#).

Maxima CZS W-OBM 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.

Basic Unit .....MX-CZS2-OB-W

### Finish

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

### Driver

dimmable to 5% by either an incandescent or electronic low voltage (ELV) dimmer on 120-volt service only ..... - DMP  
dimmable to 10% or 1% with a 0-10V dimmer on 120-volt or 277-volt service ..... - DMV

### Light Source Output (Lumens)

1500 lumens / 97 CRI ..... 2700K & 3000K only ..... - L15A  
2100 lumens / 97 CRI ..... 2700K & 3000K only ..... - L21A  
2800 lumens / 97 CRI ..... 2700K & 3000K only ..... - L28A  
3000 lumens / 97 CRI ..... 2700K & 3000K only ..... - L30A  
1900 lumens / 80 CRI ..... ..... - L19S  
2700 lumens / 80 CRI ..... ..... - L27S  
3600 lumens / 80 CRI ..... ..... - L36S  
4000 lumens / 80 CRI ..... ..... - L40S

### Light Color

2700 K ..... - 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

## OPTIONS Specify by adding to the product code.

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

► For luminaires modified for 50A or 60A track systems, contact factory.

## OPTICAL ACCESSORIES ▼ See next page



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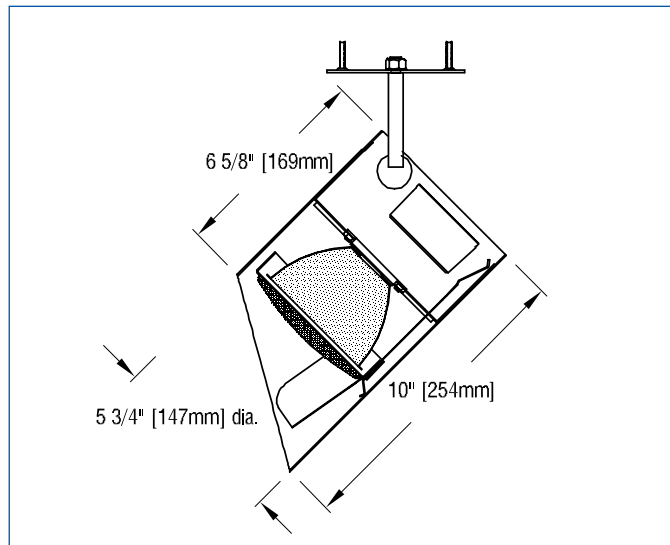
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LED 0-232.5 5:18

## 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)

Verification Services Report No. 12186406.01. Original test report furnished upon request.

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

Lamp ..... Citizen LED Module, 4000 lumens, 3000K

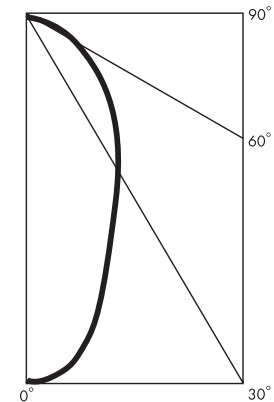
Lamp Life ..... rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

## WALLWASH INFORMATION

Distance From Ceiling (Feet)	4' From Wall; 4' O.C. (2100 lumens)		4' 6" From Wall; 4' 6" O.C. (2100 lumens)		5' From Wall; 5' O.C. (3000 lumens)	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	20	18	16	14	13	11
2	34	29	25	21	20	17
3	42	38	33	28	26	22
4	39	39	32	31	27	25
5	35	36	29	30	25	25
6	32	31	27	27	22	23
7	28	27	24	23	21	20
8	24	23	21	20	19	18
9	20	20	19	18	17	16
10	17	17	16	16	15	14
11	15	14	14	14	13	13
12	12	12	12	12	12	11
13	10	10	10	10	10	10
14	9	9	9	9	9	9
15	8	8	8	8	8	8
16	7	7	7	7	7	7
17	6	6	6	6	6	6
18	5	5	5	5	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 15° above vertical.

## CANDLEPOWER DISTRIBUTION



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

Voltage	120	277
Input Watts (L19S/L27S/L36S/L40S/L15A/L21A/L28A/L30A)	12/19/27/31/12/19/27/31	12/19/27/31/12/19/27/31
Input Current(A) (L19S/L27S/L36S/L40S/L15A/L21A/L28A/L30A)	.10/.16/.23/.26/.10/.16/.23/.26	.04/.07/.10/.11/.04/.07/.10/.11
Output Current (mA)	350-800	350-800
Min. Power Factor	0.99	0.90
Operating Temperature Range (F)	-4 to 122	-4 to 122

## LIGHT OUTPUT MULTIPLIER

LED Module Type	Light Output Multiplier
1900 Lumens 80 CRI (L19S)	0.49*
2700 Lumens 80 CRI (L27S)	0.68*
3600 Lumens 80 CRI (L36S)	0.91*
4000 Lumens 80 CRI (L40S)	1
1500 Lumens 97 CRI (L15A)	0.37*
2100 Lumens 97 CRI (L21A)	0.52*
2800 Lumens 97 CRI (L28A)	0.7*
3000 Lumens 97 CRI (L30A)	0.77*

## LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lumens/watt)	System Wattage
1900 Lumens 80 CRI (L19S)	977*	81*	12
2700 Lumens 80 CRI (L27S)	1356*	71*	19
3600 Lumens 80 CRI (L36S)	1815*	67*	27
4000 Lumens 80 CRI (L40S)	1994	66	31
1500 Lumens 97 CRI (L15A)	738*	61*	12
2100 Lumens 97 CRI (L21A)	1037*	55*	19
2800 Lumens 97 CRI (L28A)	1396*	52*	27
3000 Lumens 97 CRI (L30A)	1535*	50*	31

\*estimated values