

Project

Type



Date

Product Code

Designer

# IDM MAXIMA™ CZS NSP-OBM

surface mounted LED spotlight with integral dimmer



IDM Maxima CZS NSP-OBM with Ring Baffle (OG)

IDM Maxima CZS NSP-OBM with Open Aperture (OH)



aperture view



aperture view

IDM Maxima CZS NSP-OBM is a surface mounted 9° spotlight powered by Citizen chip-on-board LED modules providing either a CRI of 97 within 2-step MacAdam ellipses or a CRI of 80 within 3-step MacAdam ellipses. See tables below for wattages and efficacies.

- Luminaire is designed for mounting on a 4" octagonal outlet box (by others).
- Fixture appearance and performance can be changed with your choice of Aperture Assembly.
- Aperture Assembly choices
  - Ring Baffle with lens clips (OG) for enhanced glare control; clips accept one or two [Optical Accessories](#) including spread lenses, filters and screens.
  - Open Aperture (OH) for maximum efficacy; concealed lens holder accepts one or two [Optical Accessories](#).
- Fixture is provided with a single aperture assembly; an additional aperture assembly may be ordered as an accessory.
- 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](#).

### 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.

## PRODUCT CODE

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

Basic Unit .....IDM-MX-CZS2-OB-9D

**Finish**

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

**Aperture Assembly**

Ring Baffle with Optical Accessory clips ..... - OG  
 Open Aperture ..... - OH

**Light Source Output (Lumens)**

2800 lumens / 97 CRI ..... 2700K & 3000K only ..... - L28A  
 3600 lumens / 80 CRI ..... - L36S

**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

**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 track only..... - SW  
 white switch for white fixture, black for Silver or black fixture, specify which for custom color fixture

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

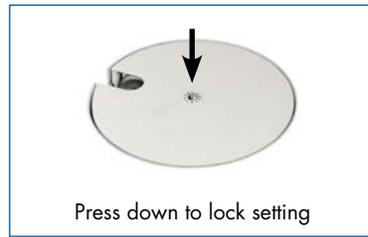
**Aperture Assembly**

Ring Baffle with Optical Accessory clips ..... - RK-MX-OG  
 Open Aperture ..... - RK-LX-OH

## OPTICAL ACCESSORIES ▼ *See next page*



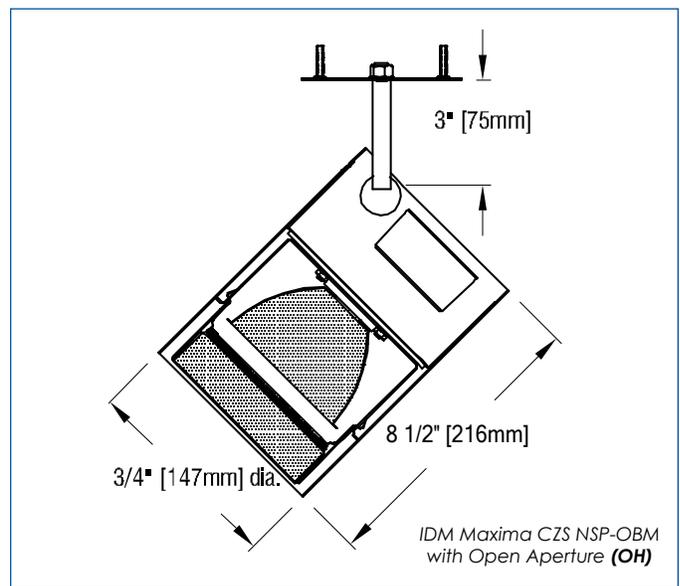
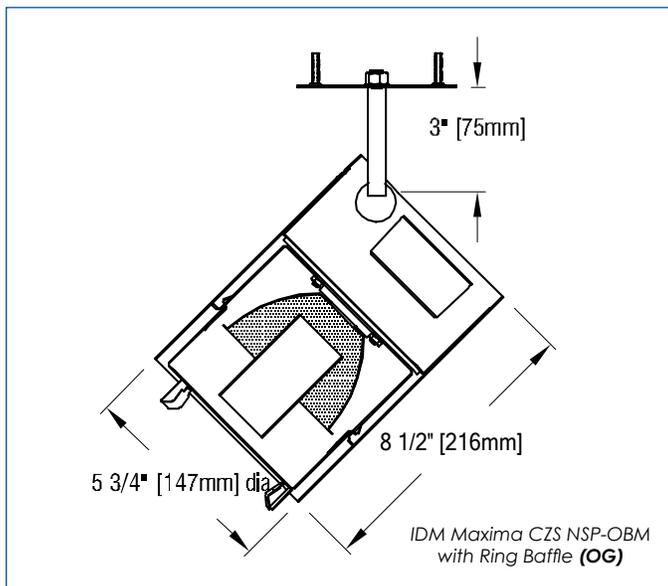
## DIMMER OPERATION



## OPTICAL ACCESSORIES

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

30° spread lens .....	LENS/4.75-30
20° x 55° spread lens .....	LENS/4.75
70° spread lens .....	LENS/4.75-70
prismatic lens (Solite) .....	PLS/4.75
40° x 70° spread lens .....	LENS/4.75-4070
beam smoother .....	CLR/4.75
<b>color filters</b>	
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 or horizontal surfaces, as well as objects 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 with 9° reflector (tested per IESNA LM-79-2008)

Prorated from Verification Services Report No. 12186406.02. Original test report furnished upon request.

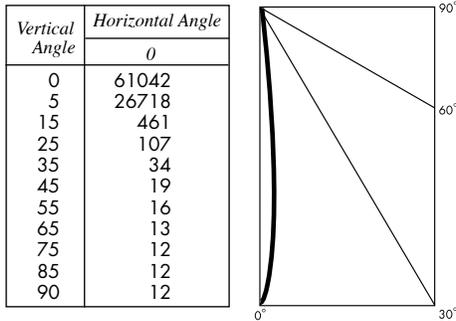
Luminaire ..... surface-mounted LED accent light with a 9° reflector and black ring-baffle (NO LENS)

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



### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
3600 Lumens 80 CRI (L36S)	1972*	55,548*	73*	27
2800 Lumens 97 CRI (L28A)	1517*	42,729*	56*	27

\*estimated values

## PHOTOMETRIC REPORT with 9° reflector (tested per IESNA LM-79-2008)

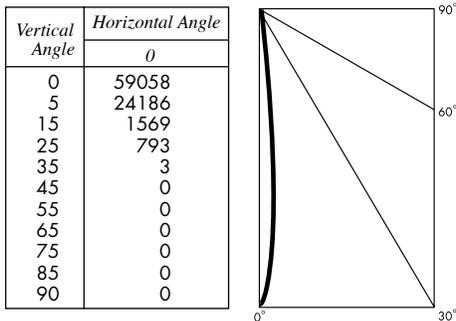
Prorated from Verification Services Report No. 755333. Original test report furnished upon request.

Luminaire ..... surface-mounted LED accent light with a 9° reflector and open aperture (NO LENS)

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



### CANDLEPOWER DISTRIBUTION



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
3600 Lumens 80 CRI (L36S)	2361*	53743*	87*	27
2800 Lumens 97 CRI (L28A)	1816*	41341*	67*	27

\*estimated values

### LIGHT OUTPUT MULTIPLIER

LED Module Type	Light Output Multiplier
3600 Lumens 80 CRI (L36S)	0.91*
4000 Lumens 80 CRI (L40S) [test only]	1
2800 Lumens 97 CRI (L28A)	0.7*

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

Voltage	120	277
Input Watts (L36S/L28A)	27/27	27/27
Input Current(A) (L36S/L28A)	.23/.23	.10/.10
Output Current (mA)	700	700
Min. Power Factor 0.99	0.90	0.90
Operating Temperature Range (F)	-4 to 122	-4 to 122