

IDM MAXIMA® CZS O LH-OBM

surface mounted LED open-aperture accent light with integral dimmer



IDM Maxima CZS O LH-OBM is a surface mounted open-aperture accent light capable of 9° to 40° beam spreads. Fixture is 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.

- Luminaire is designed for mounting on a 4" octagonal outlet box (by others).
- Whether operated on 120-volt or 277-volt service, luminaire may be dimmed to 10% by an integral rotary dimmer located in the center of the housing top. Dimmer control shaft is spring loaded, permitting shaft to be expressed for adjustment and then depressed flush with the housing top to conserve dimmer setting. 'Clock face' markings permit registration of dimmer setting. (See illustrations below.)
- Beam spread is changed by removing the spring-mounted lens holder assembly, replacing one 'twist and lock' [reflector](#) with another, and re-inserting the lens holder assembly. Luminaire is ordered with a single reflector; one or both of the other reflectors may be ordered as accessories.
- 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.
- IDM Maxima CZS O LH-OBM fixtures accept one or two of a number of [Optical Accessories](#), including spread lenses, a beam smoother, color filters and light reduction screens. A complimentary Beam Smoother is included.
- Maxima luminaires have seamless aluminum housings and cast aluminum tops for lightweight durability and heat dissipation.
- For more information, [click here](#).

PRODUCT CODE

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

Basic Unit IDM-MX-CZS2-OB-OH

Beam Spread Reflector (specify one to ship with fixture)

16° spot 16D
28° narrow flood 28D
40° flood 40D

Finish

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

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.

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.

EXTRA REFLECTORS Specify as separate line items.

16° spot reflector MX-CZS-REF16
28° narrow flood reflector MX-CZS-REF28
40° flood reflector MX-CZS-REF40

OPTICAL ACCESSORIES ▼ See next page



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LED 0-234.5 3:19

DIMMER OPERATION



Press down to expose control shaft



Adjust dimmer as desired;
record setting if useful

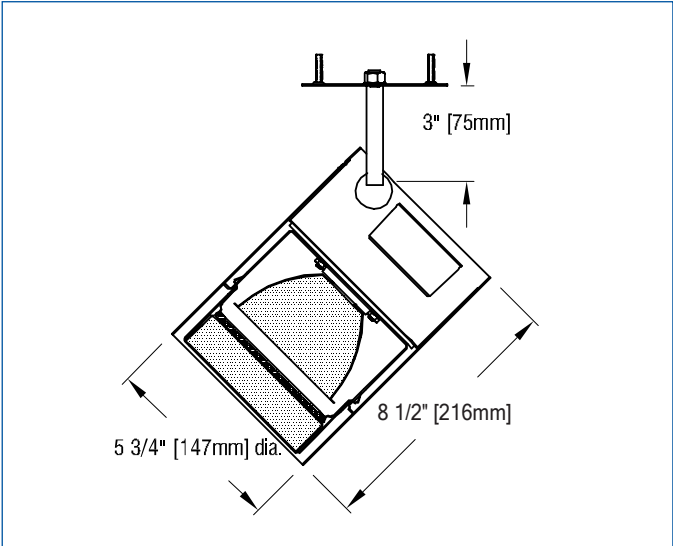


Press down to lock setting

OPTICAL ACCESSORIES


*Specify as separate line items; only for use with one of the above.
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 included with fixture	.....	CLR/4.75
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 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).

– see below for photometric reports –

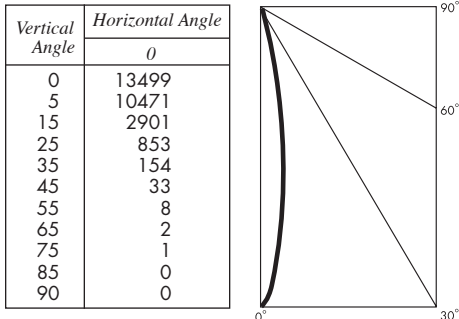


PHOTOMETRIC REPORT with 16° reflector (tested per IESNA LM-79-2008)

Prorated from  Verification Services Report No. 12186406.03. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 16° reflector and black lens holder (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 (Candela)




LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
3600 Lumens 80 CRI (L36S)	2041*	12,284*	76*	27
2800 Lumens 97 CRI (L28A)	1570*	9449*	58*	27

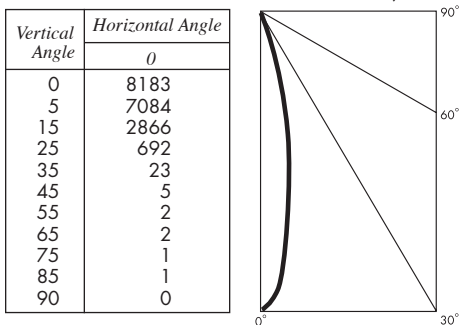
*estimated values

PHOTOMETRIC REPORT with 28° reflector (tested per IESNA LM-79-2008)

Prorated from  Verification Services Report No. 12186406.05. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 28° reflector and black lens holder (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 (Candela)




LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
3600 Lumens 80 CRI (L36S)	1638*	7410*	61*	27
2800 Lumens 97 CRI (L28A)	1260*	5700*	47*	27

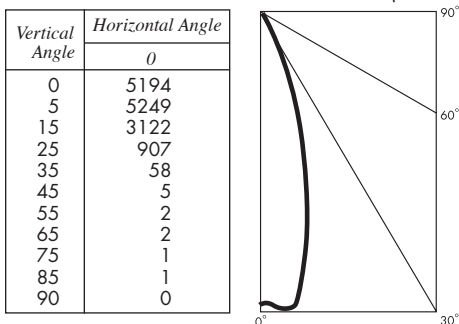
*estimated values

PHOTOMETRIC REPORT with 40° reflector (tested per IESNA LM-79-2008)

Prorated from  Verification Services Report No. 12186406.07. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 40° reflector and black lens holder (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 (Candela)



LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
3600 Lumens 80 CRI (L36S)	1678*	4788*	62*	27
2800 Lumens 97 CRI (L28A)	1291*	3683*	48*	27

*estimated values

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

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*