

Project

Type



Date

Product Code

Designer

IDM ARTIMA®/5 CZS NSP LH-OBM

surface mounted LED open-aperture spotlight with integral dimmer



- Luminaire is designed for mounting on a 4" octagonal outlet box (by others).
- Whether operated on 120-volt or 277-service, luminaire may be dimmed to 10% by an integral rotary dimmer located on one side of the driver case. Dimmer control shaft is spring loaded, permitting shaft to be exposed for adjustment and then depressed flush with the driver case to conserve dimmer setting. 'Clock face' markings permit registration of dimmer setting. (See illustrations below.)
- Driver case measures 5 1/2" long x 4" wide x 1 7/8" high.
- Optical assembly consists of an integral 9° reflector and a matte black lens holder which reduces spill light and permits the use of one or two [Optical Accessories](#) including lenses, color filters and screens. A complimentary Beam Smoother is included. Lens holder is spring-mounted for easy removal and adjustment.
- 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](#).

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.

IDM Artima/5 CZS NSP LH-OBM is a surface mounted open aperture 9° spotlight 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, capable of CBCP as high as 53,863. 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	IDM-A5*CZS2-OB-OH-9D
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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 combinations require a special order | |

Light Source Output (Lumens)

- | | | |
|--------------------------|-------------------------|--------|
| 2800 lumens/97 CRI | 2700K & 3000K only..... | - L28A |
| 3600 lumens/80 CRI | all light colors | - 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 |
| 5000 K | not available with all Light Outputs (see above)..... | - 50K |

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.

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

OPTICAL ACCESSORIES ▼ See next page



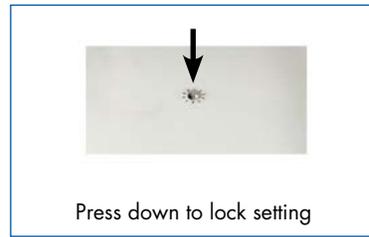
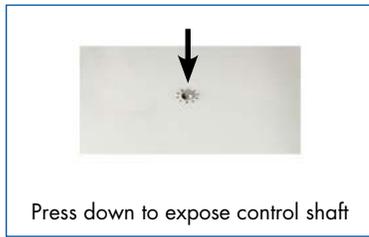
41-50 22ND STREET, LIC NY 11101 TEL 718.685.0700 FAX 718.786.8530 www.epl.com

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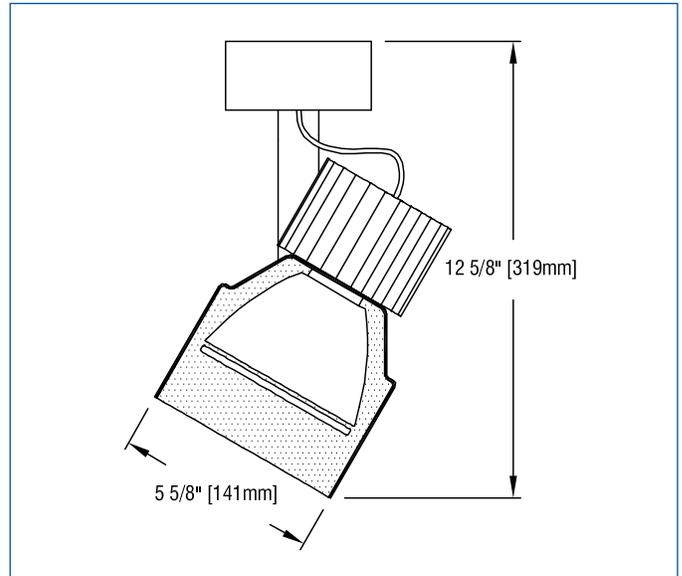
DIMMER OPERATION



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.

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



BARN DOORS

Specify as separate line items.
Specify with one optical accessory (not included), see above.

white	BD-A5-WH
black	BD-A5-BL
silver	BD-A5-SI
custom color	BD-A5-CC

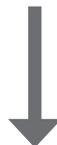


APPLICATIONS

Luminaire is suitable for spotlighting 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 (tested per IESNA LM-79-2008)

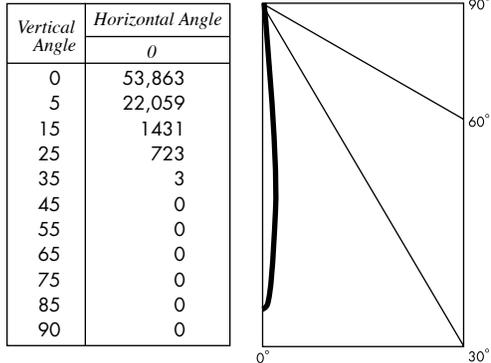
Prorated from Verification Services Report No. 755333. Original test report furnished upon request.

Luminaire surface-mounted LED accent light with a 9° reflector and black lens holder (NO LENS)

Lamp Citizen LED, 3600 lumens, 3000K CCT

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 (lumens/watt)	System Wattage
3600 Lumens 80 CRI (L36S)	2366*	53,863*	88*	27
2800 Lumens 97 CRI (L28A)	1799*	40,967*	67*	27

*estimated values

LIGHT OUTPUT MULTIPLIER

LED Module Type	Light Output Multiplier
3600 Lumens 80 CRI (L36S)	1.0
2800 Lumens 97 CRI (L28A)	0.76*

*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)	500-1100	500-1100
Min. Power Factor	0.90	0.90
Operating Temperature Range (F)	-4 to 122	-4 to 122