



# RECESSED ADJUSTABLE

## 3-1/4" APERTURE

### IC Rated, MR16 Halogen

# IC43N

### PRODUCT DESCRIPTION

Recessed adjustable MR16 luminaire with 3 1/4" aperture and precision geared hot-aiming. Fixture has 50° visual cutoff to lamp and lamp image. Sealed Air-Loc housing eliminates leak-paths to ensure maximum energy savings and controls plenum sound transmission. IC rated housing for use in direct contact with insulation.

### PRODUCT SPECIFICATIONS

**Trims Style** Trim Ring, Self Flanged and Flush Mount Trims utilize torsion spring retention for tight, secure fit to ceiling • Trim ring features beveled knife edge for clean ceiling interface • Self Flanged reflectors with polished or optional white painted flange • Flush Mount trims must be used with FMA4 Flush Mount Adapter.

**Lens** Lampholder accommodates up to three (3) 2" captive accessory lenses • Supplied with stippled clear uniformity lens.

**Socket** Ceramic bi-pin socket with double blade nickel alloy contacts • Quick disconnect for simplified maintenance.

**Lamp** One 50W MR16 lamp max. (See trim for max. lamp rating)

**Adjustability** Acu-Aim™ precision geared hot-aiming achieves 370° rotation, 45° tilt • Optimized center lamp beam optics translates lamp forward as it is aimed off nadir, ensuring maximum light and low brightness • Black aiming mechanism with shield prevents visibility into fixture and preserves dark aperture • Shield hinges out of way to facilitate maintenance.

**Transformer** Hatch LT12-75-JLG-1, 120V high efficiency (>90%) dual tap magnetic, toroidal transformer has a boost tap to compensate for dimmer losses, improving color temperature and lumen output • Potted to eliminate noise and vibration • Hatch RS12-60M, 120V high efficiency (>94%), high power factor electronic transformer also available.

**Dimming** May be dimmed using dimmers specifically designed for low voltage magnetic or electronic transformers; consult factory or dimmer manufacturer for additional information.

**Codes/Labels** UL and cUL listed for direct contact with insulation, through-branch wiring, damp locations (wet location with approved trims) • Meets energy code Air Leakage requirements per ASTM E283 • Product thermally protected • Union made.

**Proprietary Bar Hanger System** Patent pending Pro-VI™, telescoping bar hanger system with locking set screws, permits quick placement of housing within 24" O.C. joists or suspended ceilings • Robust bar eliminates flexing regardless of fixture position • Integral T-bar notch with locking tabs secures housing to suspended ceiling grid • Captive bugle-headed ring shank nail for quick one-step installation • Bar Hanger foot aligns to bottom of construction joist and breaks away for use in suspended ceilings.

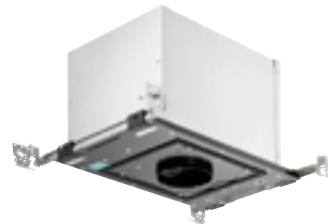
**Junction Box** Rated for 4 No. 12 AWG 90° C through branch circuit conductors and includes (6) 1/2", (1) 3/4", and (4) Non-metallic sheathed cable knock-outs • Push-in electrical connectors for field connections.

Project: \_\_\_\_\_

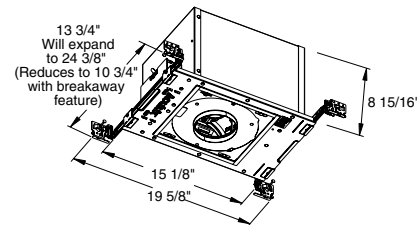
Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_



### DIMENSIONS



4 1/4" CEILING CUTOUT  
(4 3/8" FOR FLUSH MOUNT)

**Housing/Mounting Frame** Steel plaster frame and aluminum housing painted black for visually dark interior • V-Notch in plaster frame aids fixture alignment during installation • Patent pending Tru-Line™ Adjustment Mechanism featuring +/- 1/2" translation aids fixture alignment after installation, prior to drywall.

**Ceiling Thickness** 1/2" - 7/8" ceiling standard • For thicker ceilings, order CTA4N-125 (7/8"-1 1/4"), CTA4N-163 (1 1/4"-1 5/8) or CTA4N-200 (1 5/8" - 2").

### Ordering Information

Housing, trim and accessories each ordered separately

Housing	Transformer
IC43N	Blank 120V Magnetic Hatch LT12-75-JLG-1
E1	120V Electronic Hatch RS12-60M

### Flush Mount Adapters

FMA4 Drywall Ceiling Adapter

### Optical Accessories

Cat. #	Description	Cat. #	Description
T741	Med. Pink Color Filter	T7405	Yellow Dichroic Lens
T742	Warm Red Color Filter	T7406	Magenta Dichroic Lens
T743	Daylight Blue Color Filter	T7411	Blue Green Dichroic Lens
T744	Med. Blue Color Filter	T7416	Daylight Blue Correction Lens
T745	Med. Amber Color Filter	T7420	Diffuse Spread Lens
T746	Med. Green Color Filter	T7422	UV Filter Lens
T7401	Red Dichroic Lens	T7477	Prismatic Lens
T7403	Med. Green Dichroic Lens	T7478	Linear Spread Lens
T7404	Med. Blue Dichroic Lens	T7459BL	Hexcell Louver

### Misc. Accessories

CTA4N-125	1 1/4" Thick Ceiling Adapter
CTA4N-163	1 5/8" Thick Ceiling Adapter
CTA4N-200	2" Thick Ceiling Adapter

To order, specify catalog number.

Product specifications subject to change without notice.





REV-2/16




# 3 1/4" RECESSED ADJUSTABLE IC43N, MR16 Halogen

## Trim Selection (Trim Ring, Self Flanged, Flush Mount)

### DOWNLIGHT (Trim Ring Catalog # Shown)

Cat. No.	Description	Lamp Rating
<b>Deep Downlight Cone</b>		
 <b>437NB-ABZ</b>	Black Alzak® Cone	50W MR16
<b>437NB-SC</b>	Black Alzak® Cone	
<b>437NB-WH†*</b>	Black Alzak® Cone	
<b>437NC-WH†*</b>	Clear Alzak® Cone	
<b>437NHZ-SC</b>	Haze Alzak® Cone	
<b>437NHZ-WH†*</b>	Haze Alzak® Cone	
<b>437NWHZ-ABZ</b>	Wheat Haze Alzak® Cone	
<b>437NWHZ-WH†*</b>	Wheat Haze Alzak® Cone	
<b>Deep Downlight Baffle</b>		
 <b>434NB-ABZ</b>	Black Baffle	50W MR16
<b>434NB-SC</b>	Black Baffle	
<b>434NB-WH</b>	Black Baffle	
<b>434NW-WH</b>	White Baffle	
<b>Downlight 1 1/4" Pinhole</b>		
 <b>4337N-ABZ</b>	Black Alzak® Reflector	50W MR16
<b>4337N-SC</b>	Black Alzak® Reflector	
<b>4337N-WH**</b>	Black Alzak® Reflector	
<b>Downlight Regressed 1 3/4" Pinhole</b>		
 <b>4307N-WH**</b>	Black Alzak® Reflector	50W MR16

### LENSED (Trim Ring Catalog # Shown)

<b>Downlight Lensed Trim</b>		
 <b>432NB-WH†*</b>	Black Alzak® Cone	50W MR16
<b>432NC-WH†*</b>	Clear Alzak® Cone	
<b>432NHZ-SC</b>	Haze Alzak® Cone	
<b>432NHZ-WH†*</b>	Haze Alzak® Cone	
<b>432NWHZ-ABZ</b>	Wheat Haze Alzak® Cone	
<b>432NWHZ-WH†*</b>	Wheat Haze Alzak® Cone	
<b>Angle-Cut Lensed Trim</b>		
 <b>431NB-WH†*</b>	Black Alzak® Cone	50W MR16
<b>431NC-WH†*</b>	Clear Alzak® Cone	
<b>431NHZ-SC</b>	Haze Alzak® Cone	
<b>431NHZ-WH†*</b>	Haze Alzak® Cone	
<b>431NWHZ-ABZ</b>	Wheat Haze Alzak® Cone	
<b>431NWHZ-WH†*</b>	Wheat Haze Alzak® Cone	
<b>Downlight 1 1/4" Pinhole with uniformity lens</b>		
 <b>4332N-ABZ</b>	Black Alzak® Reflector	50W MR16
<b>4332N-SC</b>	Black Alzak® Reflector	
<b>4332N-WH**</b>	Black Alzak® Reflector	
<b>Adjustable 1 1/4" Pinhole with uniformity lens</b>		
 <b>4331N-ABZ</b>	Black Alzak® Reflector	50W MR16
<b>4331N-SC</b>	Black Alzak® Reflector	
<b>4331N-WH**</b>	Black Alzak® Reflector	
<b>Downlight Regressed 1 3/4" Pinhole with uniformity lens</b>		
 <b>4302N-WH**</b>	Black Alzak® Reflector	50W MR16
<b>Adjustable Regressed 1 3/4" Pinhole with uniformity lens</b>		
 <b>4301N-WH**</b>	Black Alzak® Reflector	50W MR16











†Self Flanged: Replace "-WH" suffix with "-SF".

For self flanged reflector with optional white painted flange, replace "-SF" suffix with "-SFWH".

**Flush Mount:** \*Replace "-WH" suffix with "-FM". \*\*Add "FM" to the Catalog #.

Flush Mount trims must be used with FMA4 Flush Mount Adapter, ordered separately.

### ADJUSTABLE ACCENT (Trim Ring Catalog # Shown)

Cat. No.	Description	Lamp Rating
<b>Angle-Cut Cone</b>		
 <b>438NB-ABZ</b>	Black Alzak® Cone	50W MR16
<b>438NB-SC</b>	Black Alzak® Cone	
<b>438NB-WH†*</b>	Black Alzak® Cone	
<b>438NC-WH†*</b>	Clear Alzak® Cone	
<b>438NHZ-SC</b>	Haze Alzak® Cone	
<b>438NHZ-WH†*</b>	Haze Alzak® Cone	
<b>438NWHZ-ABZ</b>	Wheat Haze Alzak® Cone	
<b>438NWHZ-WH†*</b>	Wheat Haze Alzak® Cone	
<b>20° Angle-Cut Cone</b>		
 <b>430NB-WH†*</b>	Black Alzak® Cone	50W MR16
<b>430NC-WH†*</b>	Clear Alzak® Cone	
<b>430NHZ-SC</b>	Haze Alzak® Cone	
<b>430NHZ-WH†*</b>	Haze Alzak® Cone	
<b>430NWHZ-ABZ</b>	Wheat Haze Alzak® Cone	
<b>430NWHZ-WH†*</b>	Wheat Haze Alzak® Cone	
<b>Slot Angle-Cut Cone</b>		
 <b>436NB-ABZ</b>	Black Alzak® Cone	50W MR16
<b>436NB-SC</b>	Black Alzak® Cone	
<b>436NB-WH†*</b>	Black Alzak® Cone	
<b>436NC-WH†*</b>	Clear Alzak® Cone	
<b>436NHZ-SC</b>	Haze Alzak® Cone	
<b>436NHZ-WH†*</b>	Haze Alzak® Cone	
<b>436NWHZ-ABZ</b>	Wheat Haze Alzak® Cone	
<b>436NWHZ-WH†*</b>	Wheat Haze Alzak® Cone	
<b>Angle-Cut Baffle</b>		
 <b>435NB-ABZ</b>	Black Baffle	50W MR16
<b>435NB-SC</b>	Black Baffle	
<b>435NB-WH</b>	Black Baffle	
<b>435NW-WH</b>	White Baffle	
<b>Adjustable 1 1/4" Pinhole</b>		
 <b>433N-ABZ</b>	Black Alzak® Reflector	50W MR16
<b>433N-SC</b>	Black Alzak® Reflector	
<b>433N-WH**</b>	Black Alzak® Reflector	
<b>Adjustable 1 3/4" Pinhole</b>		
 <b>4335N-ABZ</b>	Black Alzak® Reflector	50W MR16
<b>4335N-SC</b>	Black Alzak® Reflector	
<b>4335N-WH**</b>	Black Alzak® Reflector	
<b>Slot Pinhole</b>		
 <b>4345N-WH**</b>	Black Alzak® Reflector	50W MR16
<b>Adjustable Regressed 1 3/4" Pinhole</b>		
 <b>4308N-WH**</b>	Black Alzak® Reflector	50W MR16
<b>Mirrored Super Adjustable</b>		
 <b>4349NB-BL</b>	Black Baffle, Black Trim	50W MR16
<b>4349NB-WH</b>	Black Baffle, White Trim	
<b>WALL WASH (Trim Ring Catalog# Shown)</b>		
<b>Lensed Wall Wash</b>		
 <b>439NB-WH†*</b>	Black Alzak® Cone	50W MR16
<b>439NC-WH†*</b>	Clear Alzak® Cone	
<b>439NW-WH†*</b>	White Cone	
<b>439NHZ-SC</b>	Haze Alzak® Cone	
<b>439NHZ-WH†*</b>	Haze Alzak® Cone	
<b>439NWHZ-ABZ</b>	Wheat Haze Alzak® Cone	
<b>439NWHZ-WH†*</b>	Wheat Haze Alzak® Cone	

Trim Ring Finish: ABZ - Classic Aged Bronze, BL - Black, SC - Satin Chrome, WH - White.