



PRODUCT DESCRIPTION

Recessed adjustable MR16 luminaire with 3 1/4" square 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 Die Cast Self Flanged and Flush Mount reflectors utilize precision wound double torsion springs for tight, secure fit to ceiling

- Flange is same finish as reflector unless optional painted white flange is specified
- Flush Mount trims must be used with FMASQ4 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, insuring 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 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
- 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.

Housings

| Catalog # | Description |
|-----------|--------------------------------------------------------|
| IC435Q | Low Voltage Adj. Recessed Magnetic Transformer, 120V |
| IC435Q-E1 | Low Voltage Adj. Recessed Electronic Transformer, 120V |

RECESSED ADJUSTABLE

3-1/4" SQUARE APERTURE

IC Rated, MR16 Halogen

IC435Q

Project: _____

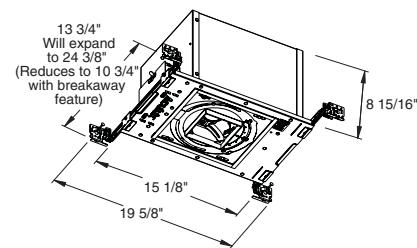
Fixture Type: _____

Location: _____

Contact/Phone: _____



DIMENSIONS



4 1/8" SQUARE CEILING CUTOUT
(4 1/4" SQUARE 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 and +/- 45° aperture rotation aids fixture alignment after installation, prior to drywall.

Ceiling Thickness 1/2" – 7/8" ceiling standard

- For thicker ceilings, order CTA4SQ-125 (7/8"-1 1/4"), CTA4SQ-163 (1 1/4"-1 5/8") or CTA4SQ-200 (1 5/8" – 2").

Accessories

| Cat. # | Description | Cat. # | Description |
|--------|----------------------------|------------|-------------------------------|
| T741 | Med. Pink Color Filter | T7411 | Blue Green Dichroic Lens |
| T742 | Warm Red Color Filter | T7416 | Daylight Blue Correction Lens |
| T743 | Daylight Blue Color Filter | T7420 | Diffuse Spread Lens |
| T744 | Med. Blue Color Filter | T7422 | UV Filter Lens |
| T745 | Med. Amber Color Filter | T7477 | Prismatic Lens |
| T746 | Med. Green Color Filter | T7478 | Linear Spread Lens |
| T7401 | Red Dichroic Lens | T7459BL | Hexcell Louver |
| T7403 | Med. Green Dichroic Lens | FMASQ4 | Flush Mount Adapter |
| T7404 | Med. Blue Dichroic Lens | CTA4SQ-125 | 1 1/4" Thick Ceiling Adapter |
| T7405 | Yellow Dichroic Lens | CTA4SQ-163 | 1 5/8" Thick Ceiling Adapter |
| T7406 | Magenta Dichroic Lens | CTA4SQ-200 | 2" Thick Ceiling Adapter |

To order, specify catalog number.

RECESSED REMODEL ADJUSTABLE


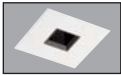
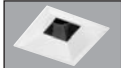
3-1/4" SQUARE APERTURE

IC Rated, MR16 Halogen




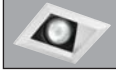

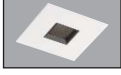

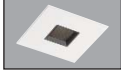

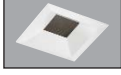

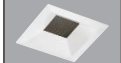
IC43SQ

Trim Selection (Self Flanged & Flush Mount)

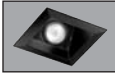
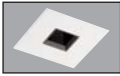
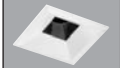
DOWNLIGHT (Self-Flanged Catalog # Shown)

| | Cat. No. | Description | Lamp Rating |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-------------|
| Deep Downlight Reflector  | 4375QBHZ-SF†* | Black Haze Reflector | 50W MR16 |
| | 4375QW-SF†* | White Reflector | |
| | 4375QHZ-SF†* | Haze Reflector | |
| | 4375QWHZ-SF†* | Wheat Haze Reflector | |
| Downlight 1 1/4" Pinhole  | 43375Q-WH** | Black Alzak® Reflector | 50W MR16 |
| | | | |
| Downlight Regressed 1 3/4" Pinhole  | 43075Q-WH** | Black Alzak® Reflector | 50W MR16 |
| | | | |

LENSED (Self-Flanged Catalog # Shown)

| | | | | |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------|------------------------|----------|
|  |  | 4325QBHZ-SF†* | Black Haze Reflector | 50W MR16 |
| | | 4325QW-SF†* | White Haze Reflector | |
| | | 4325QHZ-SF†* | Haze Reflector | |
| | | 4325QWHZ-SF†* | Wheat Haze Reflector | |
|  |  | 4315QBHZ-SF†* | Black Haze Reflector | 50W MR16 |
| | | 4315QW-SF†* | White Haze Reflector | |
| | | 4315QHZ-SF†* | Haze Reflector | |
| | | 4315QWHZ-SF†* | Wheat Haze Reflector | |
|  |  | 43325Q-WH** | Black Alzak® Reflector | 50W MR16 |
| | | | | |
|  |  | 43315Q-WH** | Black Alzak® Reflector | 50W MR16 |
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|  |  | 43025Q-WH** | Black Alzak® Reflector | 50W MR16 |
| | | | | |
|  |  | 43015Q-WH** | Black Alzak® Reflector | 50W MR16 |
| | | | | |

ADJUSTABLE ACCENT (Self-Flanged Catalog # Shown)

| | Cat. No. | Description | Lamp Rating |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-------------|
| Angle-Cut Reflector  | 4385QBHZ-SF†* | Black Haze Reflector | 50W MR16 |
| | 4385QW-SF†* | White Reflector | |
| | 4385QHZ-SF†* | Haze Reflector | |
| | 4385QWHZ-SF†* | Wheat Haze Reflector | |
| Adjustable 1 1/4" Pinhole  | 4335Q-WH** | Black Alzak® Reflector | 50W MR16 |
| | | | |
| Adjustable Regressed 1 3/4" Pinhole  | 43085Q-WH** | Black Alzak® Reflector | 50W MR16 |
| | | | |

WALL WASH (Self-Flanged Catalog # Shown)

| | | | | |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------|----------------------|----------|
|  |  | 4395QBHZ-SF†* | Black Haze Reflector | 50W MR16 |
| | | 4395QW-SF†* | White Reflector | |
| | | 4395QHZ-SF†* | Haze Reflector | |
| | | 4395QWHZ-SF†* | Wheat Haze Reflector | |

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

Flush Mount trims must be used with FMSQ4 Flush Mount Adapter, ordered separately.

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