Aculux®
Precision Recessed Lighting

RECESSED ADJUSTABLE
3-1/4″ APERTURE
Non-IC Rated, 20W or 39W CMH MR16
TC943M

PRODUCT DESCRIPTION

Recessed adjustable metal halide MR16 luminaire with 3¼″ aperture and precision geared hot-aiming. Low profile non-IC housing is for use in non-insulated areas, or where insulation is spaced at least 3″ from housing. Supplied with vertically adjustable hlide mounting brackets that accept ½″ conduit, "C" channel bar hangers, linear bar hangers or telescoping Real Nail bar hangers.

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 two (2) 2″ captive accessory lenses.

Socket GX10 twist lock socket with quick disconnect for simplified maintenance.

Lamp One 20W or 39W CMH 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.

Ballast High Power Factor, electronic solid state ballast with less than 10% THD • Features transient and short circuit protection • Available in 120V or 277V.

Codes/Labels UL and cUL listed for through-branch wiring, damp locations (wet location with approved trims) • Product thermally protected • Union made.

Mounting Bracket Rough-in section equipped with vertically adjustable mounting brackets that accept ½″ conduit, "C" channels (HB-26 or HB-50), linear flat bars (LB-27) or 26″ telescoping Real Nail bar hangers (HB-1).

Junction Box Rated for 8 No. 12 AWG 90° C through branch circuit conductors and includes (5) ½″, (1) ¾″, and (4) Non-metallic sheathed cable knock-outs • Push-in electrical connectors for field connections.

Housing/Mounting Frame Black steel plaster frame and housing painted for visually dark interior • V-Notch in plaster frame aids fixture alignment during installation • Patent pending Tru-Line™ Adjustment Mechanism featuring +/- ½″ 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″).
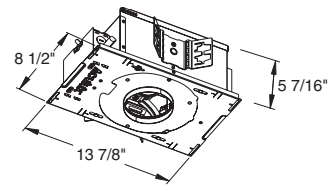
Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

DIMENSIONS

8 1/2″
5 7/16″
13 7/8″

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

Ordering Information   Example: **TC943M-MR16-20E1**

Housing	Wattage		Voltage		Options	
TC943M-MR16	**20**	20W	**E1**	120V	**CP**	Chicago Plenum
	39	39W	**E2**	277V		

Accessories

Cat. #	Description	Cat. #	Description
T741	Med. Pink Color Filter	T7420	Diffuse Spread Lens
T742	Warm Red Color Filter	T7422	UV Filter Lens
T743	Daylight Blue Color Filter	T7477	Prismatic Lens
T744	Med. Blue Color Filter	T7478	Linear Spread Lens
T745	Med. Amber Color Filter	T7459BL	Hexcell Louver
T746	Med. Green Color Filter	FMA4	Flush Mount Adapter
T7401	Red Dichroic Lens	CTA4N-125	1 1/4″ Thick Ceiling Adapter
T7403	Med. Green Dichroic Lens	CTA4N-163	1 5/8″ Thick Ceiling Adapter
T7404	Med. Blue Dichroic Lens	CTA4N-200	2″ Thick Ceiling Adapter
T7405	Yellow Dichroic Lens	HB-1	(2) Real Nail 3 Bar Hangers
T7406	Magenta Dichroic Lens	HB-26	(2) 26″ C-Channel Bar Hangers
T7411	Blue Green Dichroic Lens	HB-50	(2) 50″ C-Channel Bar Hangers
T7416	Daylight Blue Correction Lens	LB-27	(2) 27″ Linear Bar Hangers

To order, specify catalog number.

Product specifications subject to change without notice.

JUNO LIGHTING GROUP
by Schneider Electric

Aculux®
Precision Recessed Lighting

3 1/4" RECESSED ADJUSTABLE
TC943M, 20W or 39W CMH MR16

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

DOWNLIGHT (Trim Ring Catalog # Shown)

	Cat. No.	Description	Lamp Rating
Deep Downlight Cone			
	437NB-ABZ	Black Alzak® Cone	20W/39W
	437NB-SC	Black Alzak® Cone	CMH MR16
	437NB-WH†*	Black Alzak® Cone	
	437NC-WH†*	Clear Alzak® Cone	
	437NG-WH†*	Gold Alzak® Cone	
	437NHZ-SC	Haze Alzak® Cone	
	437NHZ-WH†*	Haze Alzak® Cone	
	437NWHZ-ABZ	Wheat Haze Alzak® Cone	
	437NWHZ-WH†*	Wheat Haze Alzak® Cone	
Deep Downlight Baffle			
	434NB-ABZ	Black Baffle	20W/39W
	434NB-SC	Black Baffle	CMH MR16
	434NB-WH	Black Baffle	
	434NW-WH	White Baffle	
Downlight 1 1/4" Pinhole			
	4337N-ABZ	Black Alzak® Reflector	20W/39W
	4337N-SC	Black Alzak® Reflector	CMH MR16
	4337N-WH**	Black Alzak® Reflector	
Downlight Regressed 1 3/4" Pinhole			
	4307N-WH**	Black Alzak® Reflector	20W/39W CMH MR16

LENSED (Trim Ring Catalog # Shown)

	Cat. No.	Description	Lamp Rating
Downlight Lensed Trim			
Wet Location	432NB-WH†*	Black Alzak® Cone	20W/39W
	432NC-WH†*	Clear Alzak® Cone	CMH MR16
	432NG-WH†*	Gold Alzak® Cone	
	432NHZ-SC	Haze Alzak® Cone	
	432NHZ-WH†*	Haze Alzak® Cone	
	432NWHZ-ABZ	Wheat Haze Alzak® Cone	
	432NWHZ-WH†*	Wheat Haze Alzak® Cone	
Angle-Cut Lensed Trim			
Wet Location	431NB-WH†*	Black Alzak® Cone	20W/39W
	431NC-WH†*	Clear Alzak® Cone	CMH MR16
	431NG-WH†*	Gold Alzak® Cone	
	431NHZ-SC	Haze Alzak® Cone	
	431NHZ-WH†*	Haze Alzak® Cone	
	431NWHZ-ABZ	Wheat Haze Alzak® Cone	
	431NWHZ-WH†*	Wheat Haze Alzak® Cone	
Downlight 1 1/4" Pinhole with uniformity lens			
Wet Location	4332N-ABZ	Black Alzak® Reflector	20W/39W
	4332N-SC	Black Alzak® Reflector	CMH MR16
	4332N-WH**	Black Alzak® Reflector	
Adjustable 1 1/4" Pinhole with uniformity lens			
Wet Location	4331N-ABZ	Black Alzak® Reflector	20W/39W
	4331N-SC	Black Alzak® Reflector	CMH MR16
	4331N-WH**	Black Alzak® Reflector	
Downlight Regressed 1 3/4" Pinhole with uniformity lens			
Wet Location	4302N-WH**	Black Alzak® Reflector	20W/39W CMH MR16
Adjustable Regressed 1 3/4" Pinhole with uniformity lens			
Wet Location	4301N-WH**	Black Alzak® Reflector	20W/39W CMH MR16

ADJUSTABLE ACCENT (Trim Ring Catalog # Shown)

	Cat. No.	Description	Lamp Rating
Angle-Cut Cone			
	438NB-ABZ	Black Alzak® Cone	20W/39W
	438NB-SC	Black Alzak® Cone	CMH MR16
	438NB-WH†*	Black Alzak® Cone	
	438NC-WH†*	Clear Alzak® Cone	
	438NG-WH†*	Gold Alzak® Cone	
	438NHZ-WH†*	Haze Alzak® Cone	
	438NWHZ-ABZ	Wheat Haze Alzak® Cone	
	438NWHZ-WH†*	Wheat Haze Alzak® Cone	
20˚ Angle-Cut Cone			
	430NB-WH†*	Black Alzak® Cone	20W/39W
	430NC-WH†*	Clear Alzak® Cone	CMH MR16
	430NG-WH†*	Gold Alzak® Cone	
	430NHZ-SC	Haze Alzak® Cone	
	430NHZ-WH†*	Haze Alzak® Cone	
	430NWHZ-ABZ	Wheat Haze Alzak® Cone	
	430NWHZ-WH†*	Wheat Haze Alzak® Cone	
Slot Angle-Cut Cone			
	436NB-ABZ	Black Alzak® Cone	20W/39W
	436NB-SC	Black Alzak® Cone	CMH MR16
	436NB-WH†*	Black Alzak® Cone	
	436NC-WH†*	Clear Alzak® Cone	
	436NG-WH†*	Gold Alzak® Cone	
	436NHZ-SC	Haze Alzak® Cone	
	436NHZ-WH†*	Haze Alzak® Cone	
	436NWHZ-ABZ	Wheat Haze Alzak® Cone	
	436NWHZ-WH†*	Wheat Haze Alzak® Cone	
Angle-Cut Baffle			
	435NB-ABZ	Black Baffle	20W/39W
	435NB-SC	Black Baffle	CMH MR16
	435NB-WH	Black Baffle	
	435NW-WH	White Baffle	
Adjustable 1 1/4" Pinhole			
	433N-ABZ	Black Alzak® Reflector	20W/39W
	433N-SC	Black Alzak® Reflector	CMH MR16
	433N-WH**	Black Alzak® Reflector	
Adjustable 1 3/4" Pinhole			
	4335N-ABZ	Black Alzak® Reflector	20W/39W
	4335N-SC	Black Alzak® Reflector	CMH MR16
	4335N-WH**	Black Alzak® Reflector	
Slot Pinhole			
	4345N-WH**	Black Alzak® Reflector	20W/39W CMH MR16
Adjustable Regressed 1 3/4" Pinhole			
	4308N-WH**	Black Alzak® Reflector	20W/39W CMH MR16
Mirrored Super Adjustable			
	4349NB-BL	Black Baffle, Black Trim	20W/39W
	4349NB-WH	Black Baffle, White Trim	CMH MR16

WALL WASH (Trim Ring Catalog # Shown)

	Cat. No.	Description	Lamp Rating
Lensed Wall Wash			
Wet Location	439NB-WH†*	Black Alzak® Cone	20W/39W
	439NC-WH†*	Clear Alzak® Cone	CMH MR16
	439NG-WH†*	Gold Alzak® Cone	
	439NW-WH†*	White Cone	
	439NHZ-SC	Haze Alzak® Cone	
	439NHZ-WH†*	Haze Alzak® Cone	
	439NWHZ-ABZ	Wheat Haze Alzak® Cone	
	439NWHZ-WH†*	Wheat Haze Alzak® Cone	

†**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.

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