

# ICH-1031AT

## 12V Low Voltage, Max. 50W MR-16

### 3" IC Type Housing For New Construction

Catalog #		Type
Project		Date
Prepared by		

**HALOGEN**

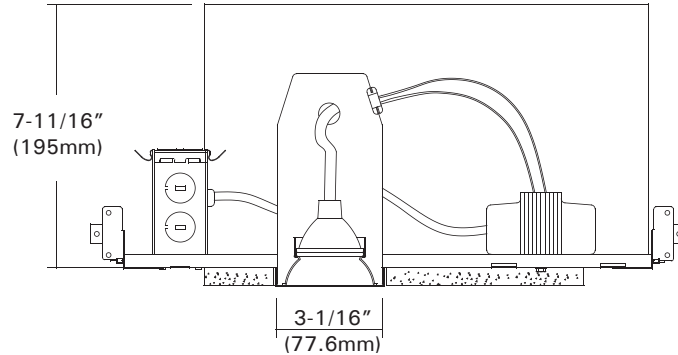


#### DESCRIPTION

The ICH-1031AT is a 3" aperture low voltage housing for use in low ceiling spaces for accent and task lighting.

#### APPLICATION

The ICH-1031AT is designed for insulated ceilings and can be in direct contact with insulation material. The ICH-1031AT offers a wide choice of trim types including reflector, lensed and wall wash trims. The AIR-TIGHT housing design prevents airflow through the ceiling, helping save on heating and cooling costs.



#### DESIGN FEATURES

**Ceiling Cut-out : 3-5/16"**  
**Lamp, Max, Watt. : 50W**

##### ◦ Housing

- Double wall aluminum housing.
- 7-11/16" height allows use in 2"X8" joist construction.
- Housing adjusts for ceilings up to 1-1/4" thick.

##### ◦ Junction Box

- Listed for through branch circuit wiring. (Max. 8 No 12 AWG 90°C branch circuit conductors. (4 in, 4 out))
- (5) 1/2" knockouts with true pry-out slots and (4) knockouts with Romex cable clamp.
- Ground wire provided on J-box.

##### ◦ Mounting Frame

- Galvanized steel construction.
- 11-3/8" x 15-3/8"

##### ◦ Bar Hangers

- Maximum extension of 24" allows for extra distance between joists.
- Housing can be positioned at any point within 24" joist span.
- Score lines allow "toolless" shortening for 12" joists. Bar hangers may be repositioned 90 degrees.
- Integral T-bar clips snaps onto T-bars and no additional clips are required.

##### ◦ Just-A-Nail

- Pre-installed nail bars with vertical slots are used to evenly align the bars horizontally after nailing halfway into wood joists.

##### ◦ Socket

- Ceramic socket with aluminum heat shield for Bi Pin MR16 lamps.

##### ◦ Lamp

- One 12V, 50W MR16 lamp. - See trim page for more details.

##### ◦ Transformer

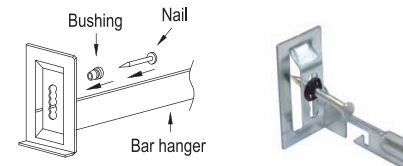
- 120V magnetic transformer steps line voltage down to lamp operating voltage for lamps up to 50W.
- Available 277V-12V transformer.

##### ◦ Thermal Protector

- Self-resetting thermal detector in the housing deactivates fixture if overheating occurs due to improper lamping or insulation.

##### • Just-A-Nail

Adjustable nail hanger bar for easy alignment.



**JUST-A-NAIL**

##### • Optional "Quick Connect" Push-in wire connectors.

- Three "Quick Connectors"
- Pre-installed push-in wire connectors for fast and easy wiring.

##### • Compliance

- Washington State Energy Code.
- New York State Energy Conservation Construction Code.
- Certified AIR-TIGHT Under ASTM E283.

# Trims

## 3" Halogen Trims For

DLH-1031, DLH-1031R, ICH-1031AT, DLH-10331, DLH-10331R

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### HALOGEN

#### TMH-3241B

**Adjustable Baffle**  
50W 12V MR16

White Metal Trim Ring  
O.D : 3-5/8"



TMH-3241B-WH

TMH-3241B-BK

#### TMH-3281

**Gimbal**  
50W 12V MR16

White Metal Trim Ring  
O.D : 3-5/8"



TMH-3281-WH

#### TMH-3241R

**Adjustable Reflector**  
50W 12V MR16

White Metal Trim Ring  
O.D : 3-5/8"



TMH-3241R-CL

TMH-3241R-WH

#### TMH-3841E

**Eyeball**  
50W 12V MR16

White Metal Trim Ring  
O.D : 3-5/8"



TMH-3841E-MO

#### TMH-3171

**Shower Frosted Flat Lens**  
35W 12V MR16

White Metal Trim Ring  
O.D : 3-5/8"

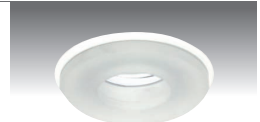


TMH-3171-WH

#### TMH-3251E

**Decorative Frosted Glass**  
50W 12V MR16

White Metal Trim Ring  
O.D : 3-5/8"



TMH-3251E-WH

### ORDERING INFORMATION

Choose the catalog / finish codes that best suit your needs and enter it on the appropriate line.

TRIM MODEL	REFLECTOR	BAFFLE	METAL RING
	CL :Clear	WH :White	WH :White
	WH :White	BK :Black	BK :Black
	GD :Gold	SN :Satin Nickel	SN :Satin Nickel
	MA :Matte Platinum	AN :Antique Nickel	AN :Antique Nickel
	CP :Champagne	AC :Antique Copper	AC :Antique Copper
	PR :Pewter	MO :Mocha	MO :Mocha
	HC :Haze Clear	CA :Cappuccino	CA :Cappuccino
		CH :Chrome	CH :Chrome
		UN :Natural Steel	UN :Natural Steel
		PB :Polished Brass	PB :Polished Brass

Examples:

TMH-3241C-BK-BK = Black Trim Ring w/ Black Reflector

TMH-3171-PB = Polished Brass Gimbal Ring w/ Frosted Lens