

# id<sup>®</sup> 2.5" Round

HALOGEN MR16 0-35° GIMBAL ACCENT



hex louver



linear spread lens

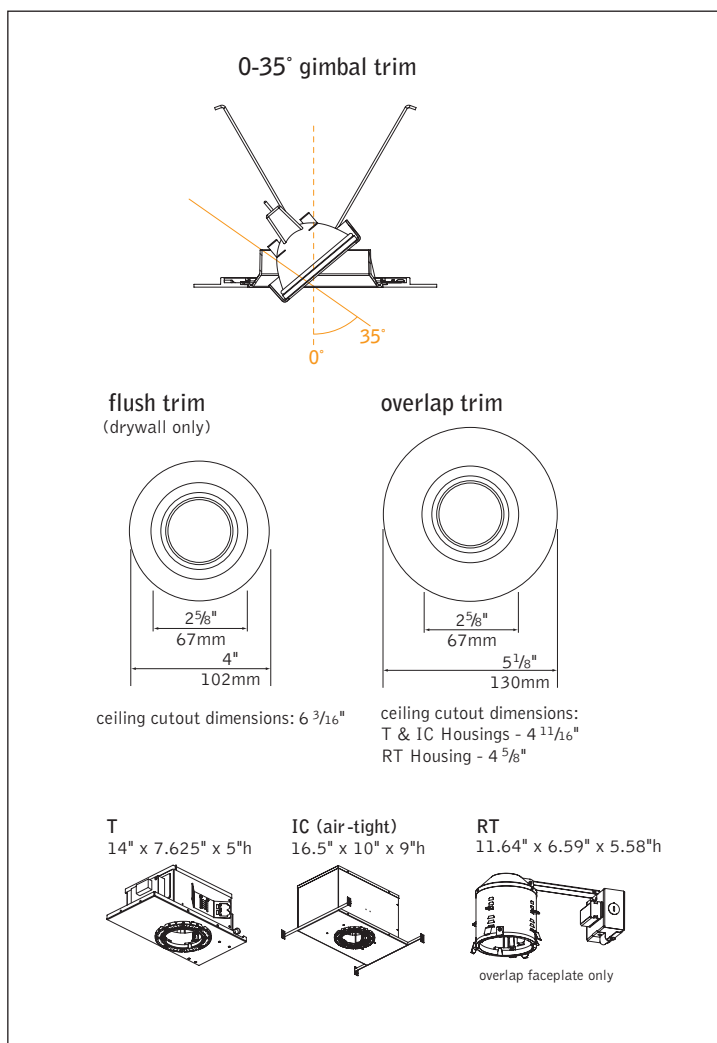


prismatic spread lens



sand blasted lens

## DIMENSIONAL DATA



## FEATURES

Lamp is positioned just above ceiling level for added efficiency and visual interest.

Tilt and rotate by hand for quick and easy adjustment.

Trims available in Overlap flange or Flush mud-in for a seamless appearance.

Perfect Fit™ installation provides seamless integration in plaster, drywall and acoustical tiles, while maintaining optics in any ceiling thickness.

Standard white finish is field paintable.

fixture:

project:

## HOUSING SPECIFICATIONS

### Lamp

Halogen MR16 lamp provides numerous beam options from 10° to 40° (60° not recommended).

### Construction

(T) Thermally protected housing for new construction applications without direct contact with insulation. Insulation to be kept 3" away from housing. Unit is enclosed in 20ga. black painted CRS housing, which eliminates stray light into the plenum, on a 20ga. CRS frame. Housing ships standard with butterfly brackets which mount to 1/2 emt or channel and vertically adjust 2". Bar hangers are an option and must be specified. Transformer is accessible from below ceiling. Unit may be relamped from above. Fixture will not exceed 7.5lbs.

(IC) Insulated ceiling housing for new construction applications with direct insulation contact. Unit is constructed of double wall 18ga. aluminum housing on a 20ga. CRS frame. Housing ships standard with locking bar hangers. Transformers and thermal protectors are accessible from below ceiling. Housing is gasketed and complies with ASTM E-283, air-tight energy codes. Fixture will not exceed 11lbs.

(RT) Thermally protected housing for remodel construction applications without direct contact with insulation. Insulation to be kept 3" away from housing. Unit is 20ga. black painted CRS with contoured top and hinging J-box arm. Housing locks into finished ceiling via 4 removable spring clips. J-box and transformers are accessible by removing housing from ceiling. Fixture will not exceed 4.5lbs.

### Electrical

Porcelain bi-pin socket with quick connection. Acoustically isolated transformer, replaceable from below, mounted outside of housing to ensure cool operation and minimize hum. Transformers available in either electronic or magnetic 120V or 277V. For residential dimming applications, toroidal magnetic transformer is available. Large junction box with pryouts. UL & cUL listed for thru branch wiring, four #12 90°C conductors for T housing and two #14 90°C conductors for RT and IC housing.

### Installation

Adjustable throat allows infinite adjustment within specified range and locks with supplied 9/64" hex driver. Housing ships with laser/string alignment guides and dust cover.

## TRIM SPECIFICATIONS

### Aesthetics

Two piece MR16 assembly includes spun lamp tray and beveled ring. Matte white finish may be used as a primer coat for field painting. Smart Lock™ ring allows disassembly for custom field painting of faceplate.

### Adjustment

Lens tray can hold up to two accessories, up to 3/8" thick. Simple tilt by hand adjustment up to 35°.

### Optics

Lamp rests slightly above ceiling level.

### Construction

Trim stays captive to housing during relamping via torsion springs. Torsion springs pull trim tight to the ceiling. No visible fasteners within the trim. Mechanical light traps eliminate light leaks. Warp free die-cast aluminum faceplate, .040" thick flange on overlap versions.

### Labels

UL & cUL listed, Damp label standard. No visible labels when trim is installed.

## HOUSING ORDERING

<b>Housing Series</b>		<b>FD4</b>
Halogen Housing	FD4	
<b>Lamp</b>		<b>MR</b>
MR16 Lamp	MR	
<b>Transformer Type</b>		
Electronic Dimming 120V, 11.7V	E1	
Electronic Dimming 277V, 11.7V	E2	
Magnetic Dimming 120V, 11.7V <small>(T housings only)</small>	M1	
Magnetic Dimming 277V, 11.7V <small>(T housings only)</small>	M2	
Toroidal Dimming 120V <small>(IC &amp; RT housings only)</small>	M1T	
<b>Faceplate Type</b>		
Round Flush <small>(T &amp; IC housings only)</small>	RF	
Round Overlap	RO	
<b>Housing Type</b> <small>(50W max.)</small>		
New Construction T Rated, up to 1-5/8" ceilings	T	
New Construction T Rated, 1-1/2" to 2-1/2" ceilings	T2	
New Construction T Rated, 2-1/2" to 3-1/2" ceilings	T3	
New Construction IC Rated, up to 1-5/8" ceilings	IC	
New Construction IC Rated, 1-1/2" to 2-1/2" ceilings	IC2	
New Construction IC Rated, 2-1/2" to 3-1/2" ceilings	IC3	
Remodel T Rated <small>(Overlap faceplate only)</small>	RT	
<b>Factory Options</b>		
Wattage Restriction Label <small>(XX=wattage)</small>	WRXX	
Installation Kit <small>(1/2" thick UHMW template, depth guide and location templates for wood ceiling installations; order one per project)</small>	FD4-WK	

## TRIM ORDERING

<b>Trim Aperture</b>		<b>D2</b>
2-5/8" Aperture	D2	
<b>Faceplate Type</b>		
Round Flush <small>(T &amp; IC housings only) (Drywall only)</small>	RF	
Round Overlap	RO	
<b>Optic</b>		<b>AAG</b>
Adjustable Gimbal Accent	AAG	
<b>Faceplate Finish</b>		
White	WH	
Black	BK	
Titanium Silver	TS	
<b>Lens Accessories</b> <small>(Soft focus lens supplied as standard)</small>		
Hex Louver	HL	
Linear Spread Lens	LSL	
Prismatic Spread Lens	PSL	
Sand Blasted Lens	SBL	
Clear Lens	CL	
UV Lens	UVL	