

## DESCRIPTION

Specification grade 50 watt MR16 adjustable fixture rated for direct contact with insulation (65W MR16 in Remote). Adjustment mechanism features hot aiming capability, aiming marks and toolless locking. Optics provide glare free 50° cutoff to lamp and lamp image. For use with all halogen MR16 lamp varieties. Lamp module and optical element can be changed after installation to provide a variety of lamp sources and distributions. e.g. into an A19 Wall Wash.

Catalog #	Type
Project	
Comments	Date
Prepared by	

## SPECIFICATION FEATURES

### Reflector

Slot cut cone minimizes view into interior. .040 thick aluminum spun parabolic reflector in Clear, Gold, Haze, Warm Haze, Black Alzak® finish, painted gloss white or matte white. E5AA20 recommended for ceilings over 7/8" thick.

### Flange

Self flange reflector or die-cast flange with either matte white or clear coat finish. Die-cast flanges are easily removed for field painting. Elements are keyed for proper insertion.

### Adjustability

Lamp locks in 361° rotation, 45° tilt. Unit is relamped without unlocking adjustments. Translating centerbeam optics maximize light output.

### Lens

Soft focus lens standard in platform for smooth beam patterns. Up to two filter media can be used which are retained during relamping.

### Attachment

Positive torsion springs pull flange tight to ceiling. Mechanical light trap eliminates spill light at edge of flange or reflector.

### Socket

GX5.3 base for Bi-pin MR16 lamps. Back light shield keeps interior of fixture dark.

### Transformer

Truvolt® toroidal transformer with dual-output taps for proper 12.0V operation and quiet operation when dimmed. Dimmer tap compensates for inherent voltage loss from dimmers, resulting in 30% more lumens than traditional laminated transformers. Toroidal design, with 90% or greater efficiency, features a rolled one-piece continuous core of M3 grade grain oriented silicon steel complete with an integral thermal to protect against overheating. For dimming, use dimmers rated for electromagnetic transformers. Transformer is warranted for 5 years and is serviceable from below ceiling. Note: If a dimming system is operated for construction lighting in its "shunt" mode, i.e. bypassing the dimmer modules, for an extended period of time, fixtures with the dual-tap toroidal transformer should be operated on the "Switched Fixture" output until the dimmers are in use. Operating fixtures on the "Dimmed Fixture" output with a full 120v input for an extended period will overdrive the lamp and cause shortened lamp life.

### Electrical

Keyed quick connect for low voltage socket lead. Transformer is serviceable from below ceiling.

### Frame/Housing

Hot dipped galvanized 20 gauge steel frame with built in 1/2 inch plaster lip. Aluminum .032 thick housing allows for heat dissipation and reduces weight. Matte black housing interior.

### Junction Box

18 cubic inches, listed for 4#12 AWG or 6#14 AWG 90° C additional feed through conductors, has six 1/2 inch pryouts.

### Bar Hangers

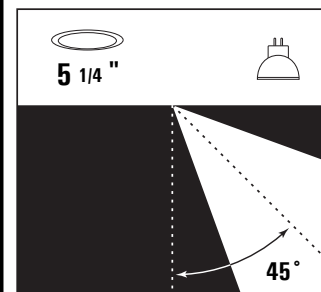
No Flex® bar hangers with positive locking, for use with wood, engineered wood and steel frame joists spaced up to 24" O.C. ship with platform. For use in T-bar ceilings order accessory MBCLP clips. Nailless barb and locator lip provide consistent installation height.

### Codes

Thermally protected, IP labeled, for use in direct contact with insulation. Meets Washington State Air tight requirements, 1995 CABO Model Energy Code.

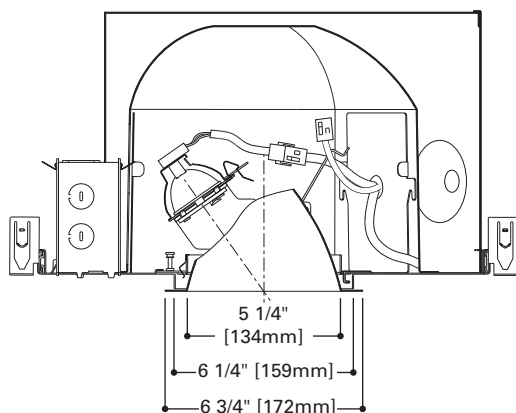
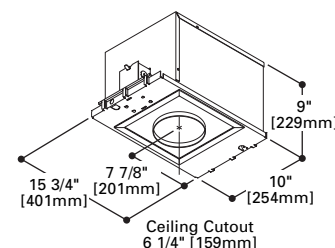
### Labels

UL and cUL listed, standard damp label, IBEW union made.



**P5  
M5MR  
E5AA  
E5SLOT**

**50W MR16  
5" ADJUSTABLE  
ACCENT**



## Energy Data

120V Input		
Lamp Watts	Input Watts	Operating Current
20	23	.19
35	41	.34
37	42	.35
42	47	.39
50	57	.48



## ORDERING INFORMATION

Sample Number: Complete unit consists of a platform, module and element

<b>Platform</b> <b>P5</b> =5" Airtight IC Rated Housing	<b>Lamp Module</b> <b>M5MR</b> =5" MR16 Low Voltage Transformer	<b>Optical Element</b> <b>E5AA</b> =5" 35 Deg Adjustable Accent Reflector <b>E5AA20</b> = 5" 20 Deg Adjustable Accent Reflector <b>E5SLOT</b> = 5" 0 - 45 Deg Adjustable Accent Slot Cut Reflector	<b>Finish</b> <b>B</b> =Black <b>C</b> =Clear <b>CC</b> = Chocolate <b>CCH</b> = Chocolate Haze <b>G</b> = Gold <b>GP</b> = Graphite <b>GPH</b> = Graphite Haze <b>H</b> = Haze <b>K</b> = Cognac <b>KH</b> = Cognac Haze <b>MW</b> = Matte White <b>W</b> = Gloss White <b>WMH</b> = Warm Haze	<b>Flange</b> <b>Blank</b> =White Die-cast flange ring <b>SF</b> = Self Flange <b>SFWF</b> = Self Flanged, Painted White <b>RAW</b> = Raw Die-cast with Black Oculus	<b>Accessories</b> <b>MBCLP</b> =40 Push On T Bar Clip (for 10 Units) <b>LSNOOT</b> =Lamp Snoot for MR16 Lamp <b>Flush Mount</b> <b>FMC5</b> = Flush Mount Collar <b>L Series Filter</b> <b>LLNR</b> = Linear Spread Lens <b>LUV</b> = Ultraviolet Reduction Lens <b>Tinting Colors</b> <b>L27K</b> = 2700 Dichroic Filter <b>LLSTRAW</b> = Light Straw Tint <b>LPLAV</b> = Pale Lavender Tint <b>Plaster Lip</b> <b>PLE5</b> = Plaster Lip Extension for Max 2" Thick Ceiling	<b>LHEX</b> =Hex Cell Louver <b>LSPD</b> = Spread Lens <b>LLPINK</b> = Light Pink Tint <b>LDAY</b> = Daylight Tint <b>LSPINK</b> = Surprise Pink Tint