DESCRIPTION

A low brightness 3-1/2 inch aperture adjustable accent fixture for MR16 LED lamps (10W max). Optics provide 50° cutoff and maximize output by allowing the lamp axis to pivot about the center of the aperture at the ceiling line, allowing maximum light output with no flashback.

Portfolio

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Reflector
Spun 0.040" aluminum. Available in a variety of Alzak® finishes. Painted white finish as well as white or black baffles. Two torsion springs pull trim tight to ceiling. Reflector is keyed to prevent improper orientation relative to lamp. 1-1/2" pinhole with black shielding cone and oculus.

Trim Ring
Self flanged or white painted trim ring. Mechanical light trap eliminates spill light at edge of flange or reflector.

Aiming Mechanism
Stable lamp aiming and locking mechanism allows smooth 361° rotation and 45° elevation adjustment. Lamp aiming scale enables consistent setting across multiple fixtures. Unit is relamped without unlocking adjustments.

Housing
One piece die cast 1" deep collar. 18 gauge CRS housing is painted optical matte black to eliminate stray light. Housing is top accessible.

Universal Mounting Bracket
Accepts 1/2" EMT, C Channel, T bar fasteners and hanger bars. Provides 5" total adjustment.

Junction Box
Listed for six #12g (three in, three out) 90°C conductors feed through branch wiring. Pry-outs for six 1/2" conduits. Access to junction box through panel in side of housing.

Socket
GX5.3 base for Bi-pin MR16 lamps. Field replaceable with keyed connector.

Transformer
10VA, toroidal dual tap 120/277V transformer features a bolted and acoustically isolated mounting to ensure quiet operation. Transformer is serviceable from below ceiling.

Insulation Detector
Self-resetting insulation detector opens circuit if insulation is improperly installed.

Labels
cULus listed, damp location

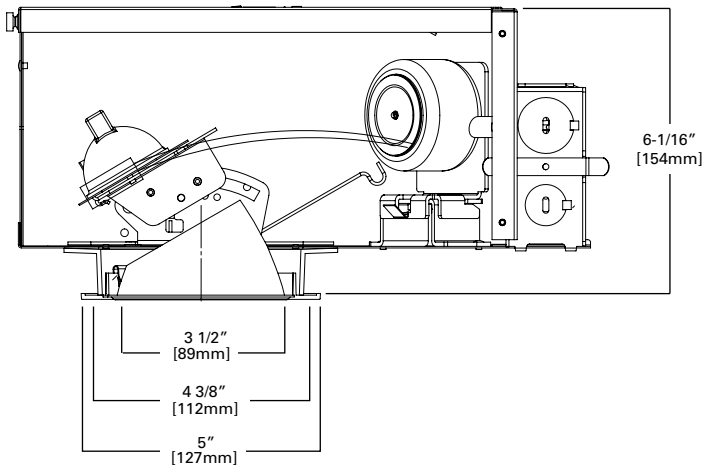


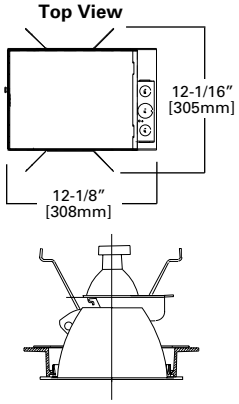
HA3MR 3450/3451 3470/3471 3470PIN

10W MAX
LED MR16

3-1/2-Inch Downlight
1-1/2-Inch Pinhole
Top Access

DIMENSIONS





Downlight Reflector
3450

ORDERING INFORMATION

Housing	Options	Reflector	Finish	Option	Accessories
HA3MRWL10=3" MR16 Directional, 120/277V, 10W max	**CP**=Chicago Plenum	**3451**=Downlight Reflector, Self Flanged **3450**=Downlight Reflector, Metal Trim Ring, White **3471**=Angle Cut Reflector, Self Flanged **3470**=Angle Cut Reflector, Metal Trim Ring, White **3470PIN**=Pinhole, Black Cone with White Trim Ring[1]	**B**=Specular Black **GP**=Graphite **GPH**=Graphite Haze **H**=Semi-Specular Clear **LI**=Specular Clear **W**=Gloss White **WH**=Wheat **WHH**=Wheat Haze **WMH**=Warm Haze	**WF**=White Painted Flanged (Self Flanged only)	**HB26**=C Channel Bar Hangers, 26" Long, Pair **HB50**=C Channel Bar Hangers, 50" Long, Pair **FK5**=5 Amp Field Installable Fuse Kit 300V Max **L100 Series**=Color Filters and Lens **RMB-22**=Wood Joist Bar Hanger, 22" Long, Pair

Note: 1. Omit finish.

COOPER Lighting Solutions

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Specifications and dimensions subject to change without notice.