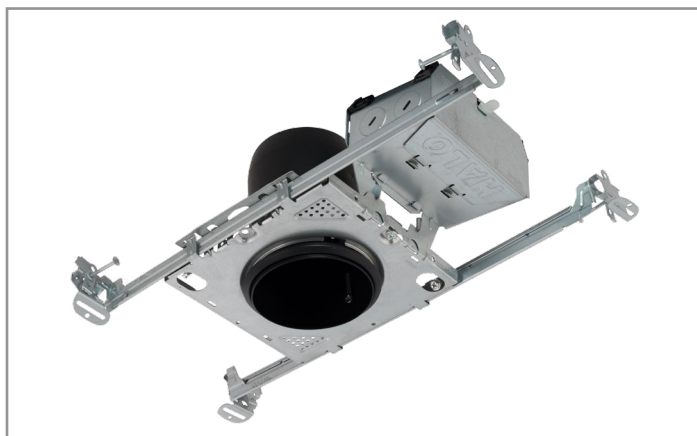| Project		Catalog #		Type	
Prepared by		Notes		Date	

HALO

H36MR16ICAT

3" Shallow Recessed Low Voltage New Construction Housing

3" LED MR16 Trims
10W Maximum

Typical Applications
Residential

Interactive Menu
- Order Information page 2
- Product Warranty

Product Certification

RoHS COMPLIANT

c UL us LISTED

Product Features

air·tite™   Gx5.3

## Top Product Features

- Suitable for 2x6 residential framing or shallow plenum commercial construction
- Got Nail!™ bar hangers; Pass-N-Thru™ tool-less shortening of bar hangers
- Slide-N-Side™ wire traps; Quick Connect wiring connectors included in junction box
- AIR-TITE™; Thermally protected; For use in insulated and non-insulated ceilings
- Use with compatible HALO® trims and LED MR16 lamps (by others)

Dimensional and Mounting Details

4.48"
[113.8 mm]

Ø 3.42"
[86.8 mm]

6.63"
[168.4 mm]

Ø 9.28"
[235.7 mm]

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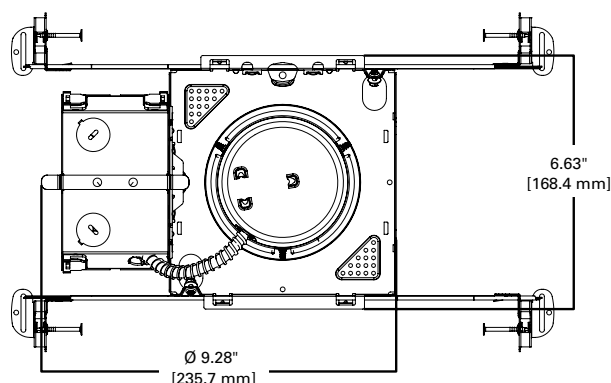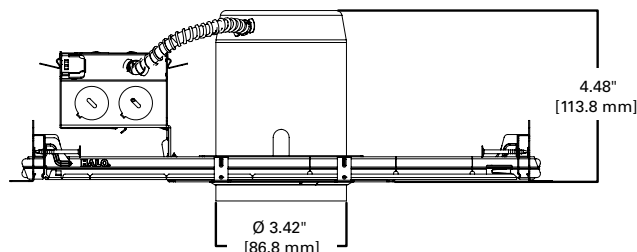
Order Information

SAMPLE ORDER NUMBER: **H36MR16ICAT, 3001WHBB**
A complete luminaire consists of a housing, lamp (sold by others) and trim, order separately.

Housing	Trims
Housing	**Trims**
H36MR16ICAT = 3" shallow recessed low voltage new construction housing, Gx5.3 base, 120/277V 60Hz	**See below**

Trims

Directional Open Trims		Directional Lens Trim	Lens Wall Wash Trims
Directional Open Trims		**Directional Lens Trim**	**Lens Wall Wash Trims**
3001 Round Pinhole Baffle, Open, 15° Tilt OD: 4-1/4″ [108mm] **3001WHBB**=White with Black Baffle **3001BKBB**=Black with Black Baffle **3001SNBB**=Satin Nickel with Black Baffle **3001TBZBB**=Tuscan Bronze with Black Baffle **3001WHWB**=Tuscan Bronze with Black Baffle	**3009 Gimbal, Open, 35° Tilt** OD: 4-1/4″ [108mm] **3009WHBB**=White with Black Baffle **3009WHWB**=White with White Baffle **3009BKBB**=Black with Black Baffle **3009SNBB**=Satin Nickel with Black Baffle **3009TBZBB**=Tuscan Bronze with Black Baffle	**3007 Conical Reflector, Lens, 15° Tilt** OD: 4-1/4″ [108mm] *Showerlight* **3007WHC**=White with Clear Reflector **3007PCC**=Polished Chrome with Clear Reflector **3007SN**=Satin Nickel with Satin Nickel Reflector **3007TBZ**=Tuscan Bronze with Tuscan Bronze Reflector	**3020 Round Pinhole, Wall Wash** OD: 4-1/4″ [108mm] **3020WW**=White Downlight & Wall Wash with Integral Kick Reflector
3002 Round Pinhole Reflector, Open, 15° Tilt OD: 4-1/4″ [108mm] **3002WHC**=White with Clear Reflector	**3010 Super Adjustable, 80° Tilt** OD: 4-1/4″ [108mm] **3010WH**=White	**3008 All Glass ShowerLight** OD: 4-1/4″ [108mm] *Showerlight* **3008FG**=White Polymer and Glass Lens with Frosted Perimeter	**3021 Angle Cut Conical Reflector, Lens Wall Wash** OD: 4-1/4″ [108mm] **3021WHW**=White with White Reflector **3021WHC**=White with Clear Reflector **3021WHH**=White with Haze Reflector
3003 Conical Baffle, Open, 35° Tilt OD: 4-1/4″ [108mm] **3003WHBB**=White with Black Baffle **3003WHWB**=White with White Baffle **3003BKBB**=Black with Black Baffle **3003SNB**=Satin Nickel with Satin Nickel Baffle **3003TBZB**=Tuscan Bronze with Tuscan Bronze Baffle	**3011 Square Pinhole Baffle, Open, 15° Tilt** OD: 4-1/4″ [108mm] **3011WHBB**=White with Black Baffle **3011WHWB**=White with White Baffle **3011BKBB**=Black with Black Baffle **3011SNBB**=Satin Nickel with Black Baffle **3011TBZBB**=Tuscan Bronze with Black Baffle	**3012 Square Pinhole Baffle, Lens, 15° Tilt** OD: 4-1/4″ [108mm] *Showerlight* **3012WHBB**=White with Black Baffle **3012WHWB**=White with White Baffle **3012BKBB**=Black with Black Baffle **3012SNBB**=Satin Nickel with Black Baffle **3012TBZBB**=Tuscan Bronze with Black Baffle	**3022 Square Lens Wall Wash** OD: 4-1/4″ [108mm] **3022WHBB**=White with Black Baffle **3022WHWB**=White with White Baffle
3004 Conical Reflector, Open, 35° Tilt OD: 4-1/4″ [108mm] **3004WHC**=White with Clear Reflector **3004SN**=Satin Nickel with Satin Nickel Reflector **3004TBZ**=Tuscan Bronze with Tuscan Bronze Reflector **3004WHH**=White with Haze Reflector **3004WHW**=White with White Reflector	**3013 Square Gimbal, Open, 35° Tilt** OD: 4-1/4″ [108mm] **3013WH**=White **3013BK**=Black **3013SN**=Satin Nickel **3013TBZ**=Tuscan Bronze		
3006 Slot Aperture, Open, 35° Tilt OD: 4-1/4″ [108mm] **3006WHBB**=White with Black Baffle			

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Product Specifications

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 3/8" to 1-1/4" thick ceilings and locks in position with (3) setscrews
- Integral gasket achieves airtight compliance without additional caulk or gaskets
- Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Compact galvanized steel plaster frame with integral bar hanger receivers
- Notches facilitate use of guide strings or laser lines for precise positioning
- Regressed screws provide positive horizontal bar hanger locking from below the ceiling
- Perforations accept drywall screws from below securing housing to ceiling structure

Bar Hangers

- Captive preinstalled Got-Nail™ bar hangers support housing any point along span and tight to framing
- Pass-N-Thru™ feature allows adjust from 6" to 24" wide without removal
- Captive nail penetrates standard and engineered lumber
- Leveling flange aligns plaster frame with structure
- Integral clip attaches directly to tee-bar

Universal Mounting Bracket Accessory

- Accepts 1/2" EMT, C channel and bar hangers
- Adjusts 3" vertically from above or below the ceiling
- Installed to plaster frame with (2) screws (provided)

Junction Box

- Compact galvanized steel junction box with 16in³ internal volume
- Listed for (10) #12 AWG 90° C splice conductors
- Repositionable 90° on plaster frame to avoid obstructions
- Hinged door is retained and provides easy access to field wiring
- (6) ½" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections

Step Down Transformer

- Low noise toroidal wound magnetic step down transformer
- Thermally protected
- Dual tap 120 or 277V 60Hz input provides 12V at 10W output

Socket

- Gx5.3 socket for bi-pin 12V LED MR16 lamps

Trims

- Compatible with a broad range of trim styles and optical distributions
- Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks

Code Compliance

- Type IC thermally protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA JA8-2016-E or JA8-2019-E labeled lamps
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

Warranty

- One-year limited warranty, consult website for details www.cooperlighting.com