

## DESCRIPTION

H36LVTAT is a Non-IC AIR-TITE™ fixture for use with H3 3" series trims. Housing is AIR-TITE rated to prevent airflow between heated or air conditioned spaces and unconditioned attic areas. For use with 12V MR16 lamps. Non-IC Housing is AIR-TITE™ but insulation must be kept 3" away from all sides of housing.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## SPECIFICATION FEATURES

### Housing

Formed of 20 gauge CRS with white powder coat finish.

### Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction.

Plaster frame features include:

- Regressed locking screw for securing hanger bars.
- Cutouts for easily crimping hanger bars in position.
- Halo name embossed on plaster frame.
- The housing may be removed from the plaster frame to provide access to the junction box.
- Pre-installed AIR-TITE gasket

### Got NAIL!™ Bar Hangers

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.

- Housing can be positioned at any point within 24" joist span
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow "toolless" shortening for 12" joists.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

### Junction Box

- UL Listed for through branch circuit wiring (maximum 8 No.12 ga., 90°C conductors).
- Four 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs.
- Three Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wide range of non-metallic sheathed cable.
  - Allows wiring connections to be made outside the junction box.
  - Simply insert the cable directly into the trap after connections are made.
  - Three push-in wirw connectors

are included and eliminate the need for separate wire nuts.

- Accommodates the following standard non-metallic sheathed cable sizes:  
(US) #14/2, #14/3, #12/2, #12/3  
(Canada) #14/2, #14/3, #12/2

### Transformer

Integral 120V dual-tap magnetic transformer steps 120V or 277V line voltage down to 12V nominal lamp operating voltage. Housing is rated for up to 50W MR16 lamps. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to wiring diagram).

### Socket

GU5.3 socket for 12V MR16 lamps

### Labels

- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Feed Through
- Certified Under ASTM-E283 for air tight construction



## H36LVTAT H36LVTAT277 H36LVTATCP

3" Non-Insulated Ceiling  
AIR-TITE™ Recessed Housing  
12V MR16

3" TRIMS

FOR USE IN NON-  
INSULATED CEILINGS

CAN BE USED IN  
INSULATED CEILINGS  
BUT INSULATION MUST  
BE KEPT 3"  
FROM ALL SIDES OF  
THE HOUSING



12V MR16

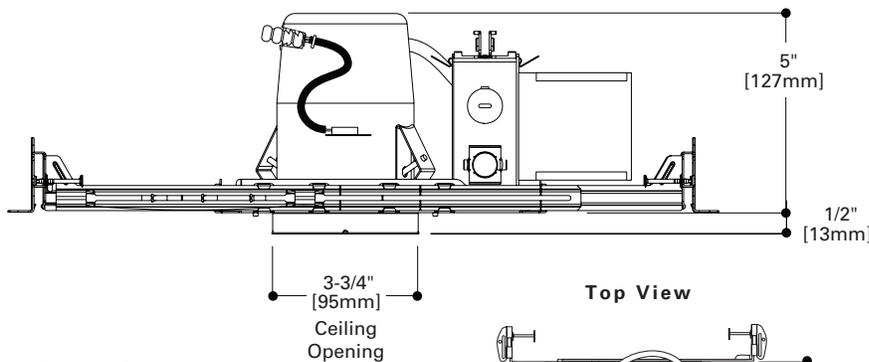
Transformer Data:

Type: Magnetic  
Primary: 120VAC, 60 Hz  
(H36LVTAT277 Primary: 120V  
or 277VAC, 60Hz)  
Secondary: 11.5 ±0.3V

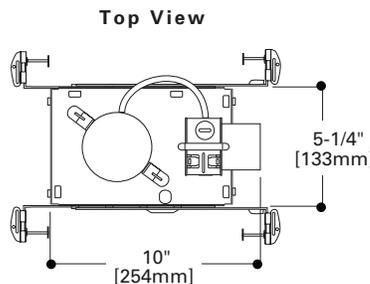
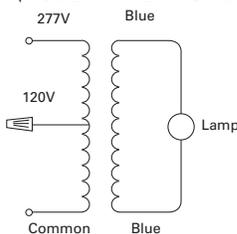
*air-tite*™



- Slide-N-Side™ Junction Box
- GOT NAIL!™ Bar Hangers
- Pass-N-Thru™ Bar Hangers
- Regressed Locking Screw
- HALO ID on Plaster Frame



Wiring Diagram  
(H36LVTAT277 ONLY)



**ORDERING INFORMATION**

**SAMPLE NUMBER: H36LVTAT-3001WHBB**

Order housing and trims separately.

**Housing**

**Trims**

**H36LVTAT**

**H36LVTAT=3" AIR-TITE™**

Non-IC Small  
Aperture Low  
Voltage MR16  
Housing

**H36LVTAT277=3" AIR-TITE™**

Non-IC Small  
Aperture 120/277 Low  
Voltage MR16  
Housing

**H36LVTATCP=3" Non-IC Small**

Aperture Low  
Voltage MR16  
Chicago Plenum Housing



**3001**

**Adjustable Pinhole Baffle - 15° Tilt  
50W 12V MR16**

3001WHBB=White with Black Baffle  
3001BKBB=Black with Black Baffle  
3001SNBB=Satin Nickel with Black Baffle  
3001TBZBB=Tuscan Bronze with Black Baffle  
OD: 4-1/4" [108mm]



**3009**

**Adjustable Gimbal- 35° Tilt  
50W 12V MR16**

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  
OD: 4-1/4" [108mm]



**3017**

**All-Glass Frost Curve Showerlight -  
Wet Location Listed  
50W 12V MR16**

3017FGS=All-Glass Frost Curve with Clear  
Glass Center - Showerlight  
OD: 4-1/4" [108mm]



**3002**

**Adjustable Pinhole Reflector- 15° Tilt  
50W 12V MR16**

3002WHC=White with Clear Reflector  
OD: 4-1/4" [108mm]



**3010**

**Super Adjustable- 0 - 80° Adjustment  
50W 12V MR16**

3010WH=White  
3010SN=Satin Nickel  
3010TBZ=Tuscan Bronze  
OD: 4-1/4" [108mm]



**3020**

**Wall Wash  
50W 12V MR16**

3020WW=White Downlight & Wall Wash  
with Integral Kick Reflector  
OD: 4-1/4" [108mm]



**3003**

**Adjustable Baffle- 35° Tilt  
50W 12V MR16**

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  
OD: 4-1/4" [108mm]



**3011**

**Square Adjustable - 15° Tilt  
50W 12V MR16**

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  
OD: 4-1/4" [108mm]



**3004**

**Adjustable Reflector- 35° Tilt  
50W 12V MR16**

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  
OD: 4-1/4" [108mm]



**3012**

**Square Regressed Lens Adjustable  
Showerlight - 15° Tilt  
50W 12V MR16**

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  
OD: 4-1/4" [108mm]



**3006**

**Adjustable Slot Aperture- 35° Tilt  
50W 12V MR16**

3006WHBB=White with Black Baffle  
3006BKBB=Black with Black Baffle  
3006SNBB=Satin Nickel with Black Baffle  
3006TBZBB=Tuscan Bronze with Black Baffle  
OD: 4-1/4" [108mm]



**3013**

**Square Adjustable Gimbal - 35° Tilt  
50W 12V MR16**

3013WH=White  
3013BK=Black  
3013SN=Satin Nickel  
3013TBZ=Tuscan Bronze  
OD: 4-1/4" [108mm]



**3007**

**Regressed Lens Showerlight- 15° Tilt -  
Wet Location Listed  
50W 12V MR16**

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  
OD: 4-1/4" [108mm]



**3008**

**Showerlight - Wet Location Listed  
50W 12V MR16**

3008FG=White Polymer and Glass Lens with  
Frosted Perimeter  
OD: 4-1/4" [108mm]