

Project		Catalog #		Type	
Prepared by		Notes		Date	



## HALO

### H27RICAT

6" IC, Recessed Shallow Remodel Housing

#### Typical Applications

Residential, Light Commercial

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#### Product Certification



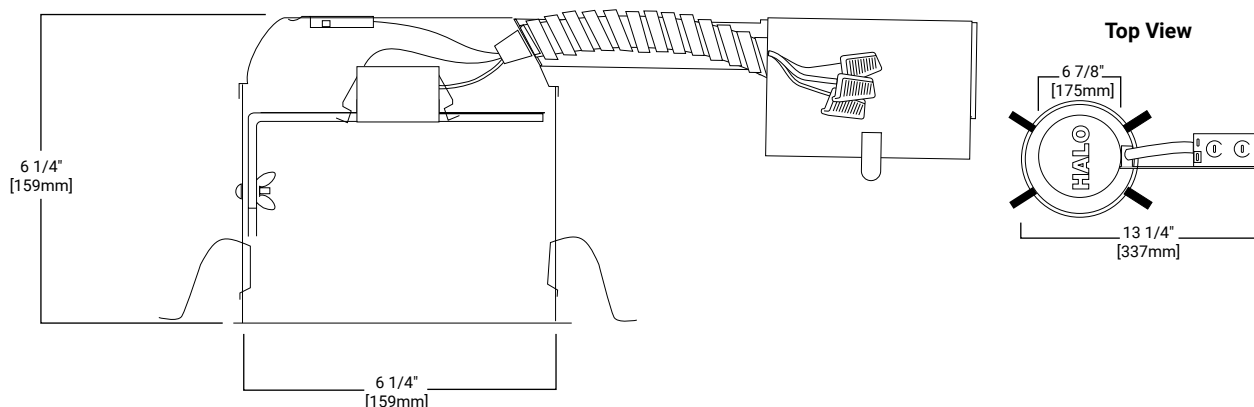
#### Product Features



#### Top Product Features

- Shallow ceiling remodel housing; For use in insulated and non-insulated ceilings
- Quick Connect wiring connectors included in junction box
- Non-metallic cable pry-outs and conduit knockouts in junction box
- AIR-TITE™; Thermally protected; Die-formed aluminum housing construction
- Springs accommodate 1/2" and 5/8" ceilings
- Options to meet Trade Agreements Act requirements

#### Dimensional and Mounting Details



## Order Information














SAMPLE ORDER NUMBER: **H27RICAT-426RG**  
Order housing, trim and accessories separately.

## Domestic Preferences


## Housing

Domestic Preferences <sup>(1)</sup>	Housing
<b>[Blank]</b> =Standard <b>TAA</b> =Trade Agreements Act	<b>H27RICAT</b> = 6" AIR-TITE™ Insulated Ceiling Shallow Remodel Housing
(1) Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.	

## Trims

Reflectors	Baffles	Adjustables	Lens / Wet Location Listed
 <b>426 Specular Reflector Cone</b> OD: 7-1/4" [184mm]  <b>75W R30, 65W BR30, 75W PAR30L, 50W PAR30</b> <b>426</b> = Clear Specular Reflector Cone, White Trim <b>426H</b> = Haze Reflector Cone, White Trim <b>426RG</b> = Residential Gold <b>426CG</b> = Champagne Gold <b>426MB</b> = Black Specular Reflector Cone, White Trim <b>426SN</b> = Satin Nickel Reflector Cone and Trim <b>426TBZ</b> = Tuscan Bronze Reflector Cone and Trim	 <b>310 Coilex® Baffle</b> OD: 7-1/4" [184mm]  <b>65W BR30, 75W PAR30L, 50W PAR30</b> <b>310W</b> = White Coilex Baffle and Trim <b>310P</b> = Black Coilex Baffle, White Trim	 <b>74 PAR30 Eyeball 30° Tilt, Self-flange</b> OD: 8" [203mm]  <b>75W PAR30</b> <b>74P</b> = White Eyeball and Trim	 <b>170 Albalite Lens with Reflector</b> OD: 8" [203mm]  <b>40W A19</b> <b>170P</b> = Frosted Albalite Glass Lens, White Trim <b>170PS</b> = Frosted Albalite Glass Lens, White Plastic Trim, Showerlight, Air-Tite
	 <b>310 Coilex® Baffle</b> OD: 8" [203mm]  <b>50W PAR30, 65W BR30, 75W R30, 75W PAR30L</b> <b>310PG</b> = White Coilex Baffle and Trim <b>310WG</b> = Black Coilex Baffle, White Trim	 <b>77P Eyeball = 30° Tilt Self-flange</b> OD: 8" [203mm]  <b>50W R20, 50W PAR20</b> <b>77P</b> = White Eyeball	 <b>171 Drop Opal Lens with Reflector</b> OD: 8" [203mm]  <b>40W A19</b> <b>171P</b> = Drop Opal Glass Lens, White Trim <b>171PS</b> = Drop Opal Glass Lens, White Plastic Trim, Showerlight, Air-Tite
	 <b>312 Coilex® Baffle</b> OD: 7-1/4" [184mm]  <b>312W</b> = White Coilex Baffle and Trim <b>312P</b> = Black Coilex Baffle, White Trim	 <b>78 BR/30 PAR30 Eyeball 30° Tilt, Self-flange</b> OD: 8" [203mm]  <b>75W R30, 75W PAR30L</b> <b>78P</b> = White Eyeball and Trim <b>78SL</b> = Silver <b>78B</b> = Brass Eyeball <b>78PB</b> = Polished Brass Eyeball <b>78PAT</b> = White Eyeball and Trim, AIR-TITE <b>78SN</b> = Satin Nickel Eyeball and Trim <b>78TBZ</b> = Tuscan Bronze Eyeball and Trim	 <b>172 Dome Lens with Reflector</b> OD: 7-1/4" [184mm]  <b>50W PAR30, 60W A19</b> <b>172P</b> = Frosted Glass Dome, White Plastic Trim <b>172SNS</b> = Frosted Glass Dome, Satin Nickel Plastic Trim <b>172TBZ</b> = Frosted Glass Dome, Tuscan Bronze Plastic Trim <b>172AC</b> = Antique Copper Trim, Shower Light
	 <b>353 Metal Baffle</b> OD: 7-1/4" [184mm]  <b>353SN</b> = Satin Nickel Baffle and Trim <b>353TBZ</b> = Tuscan Bronze Baffle and Trim	 <b>90 Double Bubble 60° Tilt, Self-flange</b> OD: 8" [203mm]  <b>7150W PAR38</b> <b>90P</b> = White Double Bubble Adjustable	
		 <b>420 BR/30 PAR30 Coilex Regressed Eyeball 30° Tilt, Self-flange</b> OD: 7-1/4" [184mm]  <b>50W PAR30, 50W PAR30L, 60W BR30</b> <b>420W</b> = White Eyeball, Baffle and Trim <b>420P</b> = White Eyeball, Black Baffle, White Trim	

## Open, Splay &amp; Wall Wash

Open, Splay & Wall Wash
 <b>300 Open Trim with Fixed Socket Bracket, Self-flange</b> OD: 7-1/4" [183mm]  <b>60W BR30, 75W PAR30</b> <b>300P</b> = Self-flange with White Open Trim <b>300SN</b> = Self-flange with Satin Nickel Open Trim <b>300TBZ</b> = Self-flange with Tuscan Bronze Open Trim
 <b>328 White Splay Trim</b> OD: 7-3/4" [197mm]  <b>65W BR30, 75W PAR30L, 50W PAR30</b> <b>328P</b> = White Splay Trim

## Accessories

Accessories
<b>Metal Trim Rings</b> Compatible with 310, 312, 426 <b>TRM6P</b> = White Metal <b>TRM6PB</b> = Polished Brass <b>TRM6C</b> = Chrome <b>TRM6MB</b> = Black Metal <b>TRM6SN</b> = Satin Nickel <b>TRM6TBZ</b> = Tuscan Bronze <b>TRM6AC</b> = Antique Copper <b>TRP7MB</b> = Black Plastic
<b>Oversize Trim Rings</b> Compatible with 310, 312, 426 <b>OT400P</b> = 9-1/4" White Metal <b>OT403P</b> = 8" White Plastic

## Product Specifications

### Housing

- Single wall aluminum robust construction
- Aluminum construction for greater heat dissipation
- For installation from below the finished ceiling
- Integral flange secures fixture against ceiling
- Halo name embossed on housing
- Pre-installed Air-Tite™-ready ceiling contact gasket on flange
- Designed for insulated ceilings in direct contact with insulation (may also be installed in non-insulated ceilings)

### Socket Plate

- Rigid construction
- Adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

### Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

### Remodel Springs

- Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling thickness

### Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

### Quick Connect™ Push Wire Nuts

- Three 4-port push-in wire nuts included
- Speeds installation and increases reliability
- Simply strip and insert supply wires
- No additional wire nuts required

### Universal Locking Screw

- Locking screw accessible from below the ceiling
- Universal screw head (hex, slot or Phillips)
- Six additional bar crimping points

### Thermal Protector

- Self-resetting
- Deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

### Trims

- Halo Fit-All concept offers multiple trim options in a variety of design styles and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including halogen, compact fluorescent and LED

### Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material\*
- Certified under ASTM E283
- RoHS compliant
- Air-Tite™ code compliant; Not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

\*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)