

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



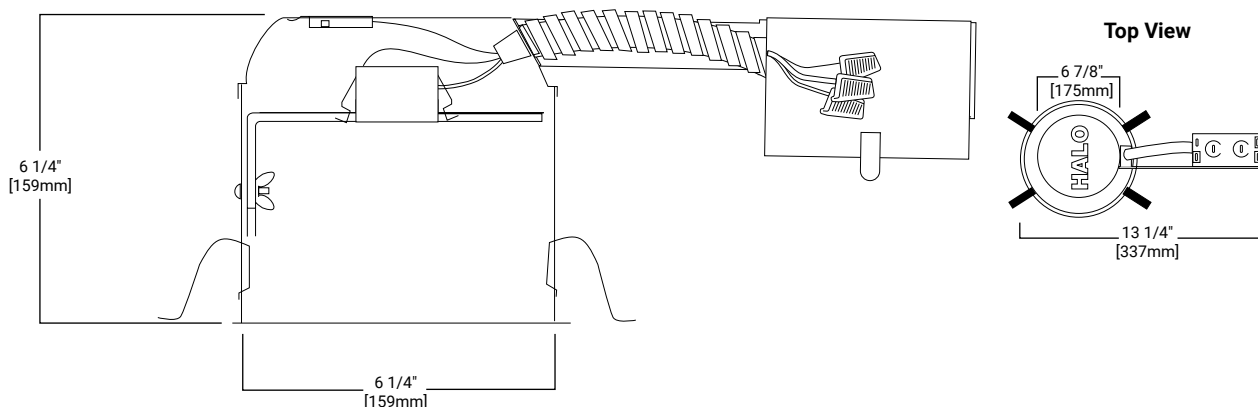
Product Features



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
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[Blank] =Standard TAA =Trade Agreements Act	H27RICAT = 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 DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.	

Trims

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

Open, Splay & Wall Wash

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

Accessories

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

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)