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H27ICAT 6" SHALLOW CEILING IC AIR-TITE 120V LINE V

COOPER LIGHTING SOLUTIONS

Catalog Number	H27ICAT
Manufacturer	COOPER LIGHTING SOLUTIONS
Description	Incandescent Airtight Housing, 120 V, 625 mA, Aluminum Housing Material, Non Dimmable, 6-1/2 in Diameter, 13.25 in Height, 3 lb
Weight per unit	3.0 (lbs/each)
Product Category	Incandescent Recessed Architec

Features

Ballast Type	N/A
Lamp Type	N/A
Number Of Lamps	N/A
Socket Type	E26
Voltage Rating	120V
Wattage	75 W
Amperage Rating	120V

Descriptions

Description	6" SHALLOW CEILING IC AIR-TITE 120V LINE V
Long Description	6" Shallow New Construction Housing, Traditional E26 Socket-Based, IC Rated
Product Type	6", Ic, Airtite, Shallow New Const HSG
Special Features	H27 6" Shallow New Construction Recessed Housing with E26 Medium Socket Base
Extra Long Description	ECL H27ICAT 6",IC,AIRTITE,SHALLOW N

Manufacturer Information

Brand	HALO
	Cooper Lighting Solutions
GTIN	00662400605898
UPC	783363

Taxonomies, Classifications, and Categories

Category Description	All Recessed Cans & Trims
Type	6" H27 Shallow Housing

Packaging

Carton	1
Package	6
Weight Per Each	3.0 (lbs/each)

Uses, Certifications, and Standards

Standard	UL Listed;RoHS Compliant;Airtite;IC Rated

Description

The H27ICAT recessed housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series features robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H27ICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

Specification Features

Housing
- Single wall aluminum housing
- Aluminum housing for greater heat dissipation
- Sealed and gasketed for Air-Tite ready installation

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

Plaster Frame
Housing adjusts in plaster frame 1" to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- The housing may be removed from plaster frame to provide access to the junction box
- Halo name embossed on plaster frame
- Pre-installed Air-Tite ready ceiling contact gasket

Got Nail!™ Bar Hanger Bracket
Bar Hanger Features include:
- Pre-installed nail easily installs 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 leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails
- Five additional mounting points
- Mounting point on top for hanger wire connection
- Integral T-bar clips snaps onto T-bars - no additional clips required

q-Channel bars with Pass-N-Thru™
- q-Channel bars feature an unique inverted "q" interlocking channel for rigidity and stability
- Pass-N-Thru™ feature allows bars to cross-over for tool-less shortening in tight spaces less than 12" without removing from the plaster frame. Push bars together and flex at score hole break points
- Housing can be positioned at any point within 24" joist span
- Bar hangers may be repositioned 90° on the frame

Slide-N-Side™ Junction Box
Junction box features include:
- Slide-N-Side™ connectors allow non-metallic sheathed cable for both U.S. and Canada to be installed without tools and without removing knockouts
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made
  - accommodates the following standard non-metallic sheathed cable types: (US) #14/2 , #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- cULus Listed 26 in3 box volume
- Listed for through branch (8) No. 12 AWG branch circuit 90° C conductors through the box

Quick Connect™
- Three 4-port push-in "Quick Connect" wire nuts included in junction box
- Speed installation and increase reliability
- No additional wire nuts required
- Simply strip and insert supply wires

Socket
- Porcelain socket with nickel plated brass screw shell
- Snaps into socket plate (or into socket supporting trim for consistent lamp positioning)
- Overspray protector included

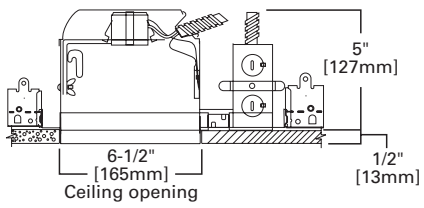
Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

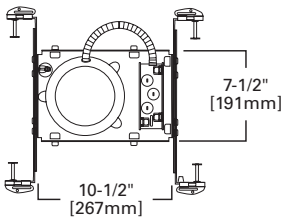
Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 Luminaire
- cULus Listed Damp Location
- cULus Listed for Wet Location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- cULus Listed for feed through
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

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

Dimensions







H27ICAT

6" IC, Shallow New Construction Housing, 120V

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

Special Features
Got-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Ordering Information

Sample Number: H27ICAT 6110WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

H27ICT = 6" IC, Air-Tite, shallow New Construction Housing, 120V

Trims

Reflectors



426 Reflector Cone
OD: 7-1/4" [184mm]
426=Clear Specular Reflector Cone, White Trim
426MB=Black Specular Reflector Cone, White Trim
426H=Haze Reflector Cone, White Trim
426SN=Satin Nickel Reflector Cone and Trim
426TBZ=Tuscan Bronze Reflector Cone and Trim



6106 Straight Reflector Cone, Self-flange
OD: 7-3/4" [197mm]
6106SC=Specular Reflector, White Trim



6107 Tapered Reflector, Self-flange
OD: 7-3/4" [197mm]
6107SC=Specular Reflector, White Trim



6121 Shallow Full Cone Reflector, Self-flange
OD: 7-3/4" [197mm]
6121WH=White Reflector and Trim

Baffles



310 Coilex® Baffle
OD: 7-1/4" [184mm]
310W=White Coilex Baffle and Trim
310P=Black Coilex Baffle, White Trim
310SN=Black Coilex Baffle, Satin Nickel Trim
310TBZ=Black Coilex Baffle, Tuscan Bronze Trim



312 Coilex® Baffle
OD: 7-1/4" [184mm]
312W=White Coilex Baffle and Trim
312P=Black Coilex Baffle, White Trim



353 Metal Baffle
OD: 7-1/4" [184mm]
353SN=Satin Nickel Baffle and Trim
353TBZ=Tuscan Bronze Baffle and Trim



6100 Tapered Metal Baffle with (2) Trim Rings
OD: 7-1/8" [181mm]
6100WB=White Baffle, Narrow and Wide White Trims (included)
6100BB=Black Baffle, Narrow and Wide White Trims (included)



6101 Straight Metal Baffle with (2) Trim Rings
OD: 7-1/8" [181mm]
6101WB=White Baffle, Narrow and Wide White Trims (included)
6101BB=Black Baffle, Narrow and Wide White Trims (included)



6102 Tapered Metal Baffle, Self-flange
OD: 7-3/4" [197mm]
6102WB=White Baffle and Trim
6102BB=Black Baffle, White Trim



6103 Straight Metal Baffle, Self-flange
OD: 7-3/4" [197mm]
6103WB=White Baffle and Trim
6103BB=Black Baffle, White Trim



6108 Coilex® Straight Plastic Baffle, Self-flange
OD: 7-3/4" [197mm]
6108WB=White Plastic Straight Coilex Baffle, White Trim
6108BB=Black Plastic Straight Coilex Baffle, White Trim
6108BKBB=Black Plastic Straight Coilex Baffle, Black Trim



6109 Coilex® Tapered Baffle, Self-flange
OD: 7-3/4" [197mm]
6109WB=White Tapered Coilex Baffle, White Trim
6109BB=Black Tapered Coilex Baffle, White Trim
6109BKBB=Black Tapered Coilex Baffle, Black Trim



6110 Perftex Baffle, Self-flange
OD: 7-3/4" [197mm]
6110WB=White Perftex Baffle and Trim
6110BB=Black Perftex Baffle, White Trim
6110BKBB=Black Perftex Baffle and Trim



6126 Shallow Full Cone Baffle, Self-flange
OD: 7-3/4" [197mm]
6126WB=White Baffle and Trim
6126BB=Black Baffle, White Trim

Adjustable - Eyeballs & Gimbals



74 PAR30 Eyeball 30° Tilt, Self-flange
OD: 8" [203mm]
74P=White Eyeball and Trim



78 BR/PAR30 Eyeball 30° Tilt, Self-flange
OD: 8" [203mm]
78P=White Eyeball and Trim
78PAT=White Eyeball and Trim, Air-Tite
78SN=Satin Nickel Eyeball and Trim
78TBZ=Tuscan Bronze Eyeball and Trim



420 BR/PAR30 Regressed Eyeball 30° Tilt, Self-flange
OD: 7-1/4" [184mm]
420W=White Eyeball, Baffle and Trim
420P=White Eyeball, Black Baffle, White Trim



6130 BR/PAR30 Eyeball 35° Tilt, Self-flange
OD: 7-3/4" [197mm]
6130WH=White Eyeball and Trim



6215 PAR30 Double Gimbal 35°-50° Tilt, Self-flange
OD: 7-3/4" [197mm]
6215WH=White Gimbal and Trim
6215BK=Black Gimbal and Trim
6215SN=Satin Nickel Gimbal and Trim
6215TBZ=Tuscan Bronze Gimbal and Trim

Lenses & Wet Location Showerlights



170 Albalite Lens with Reflector ◊
OD: 8" [203mm]
170P=Frosted Albalite Glass Lens, White Trim
170PS=Frosted Albalite Glass Lens, White Plastic Trim, Showerlight, Air-Tite



171 Drop Opal Lens with Reflector ◊
OD: 8" [203mm]
171P=Drop Opal Glass Lens, White Trim
171PS=Drop Opal Glass Lens, White Plastic Trim, Showerlight, Air-Tite



172 Dome Lens with Reflector ◊
OD: 7-3/4" [197mm]
172PS=Frosted Glass Dome, White Plastic Trim
172SNS=Frosted Glass Dome, Satin Nickel Plastic Trim
172TBZS=Frosted Glass Dome, Tuscan Bronze Plastic Trim



173 Fresnel Lens with Reflector ◊
OD: 8" [203mm]
173P=Fresnel Glass Lens, White Trim
173PS=Fresnel Glass Lens, White Plastic Trim, Showerlight, Air-Tite



6145 Open Wet Location, Shallow Reflector, Self-flange - Showerlight*
OD: 7-3/4" [197mm]
6145WH=White Reflector and Trim
6145SN=Satin Nickel Reflector and Trim
6145TBZ=Tuscan Bronze Reflector and Trim



6150 Frost Dome Glass Lens, Self-flange
OD: 7-3/4" [197mm]
6150WH=Frost Dome Glass Lens with Reflector, White Plastic Trim
6150SN=Frost Dome Glass Lens with Reflector, Satin Nickel Plastic Trim
6150TBZ=Frost Dome Glass Lens with Reflector, Tuscan Bronze Plastic Trim



6162 Drop Opal Plastic Lens, Self-flange - Showerlight
OD: 7-3/4" [197mm]
6162WH=Drop Opal Plastic Lens with Reflector, White Plastic Trim



6230 Squircle Frost Glass Lens, Metal Trim - Showerlight
OD: 7-1/4" [183mm]
6230AH=Frost Glass Lens, Aluminum Haze Squircle Trim
6230PN=Frost Glass Lens, Polished Nickel Squircle Trim
6230SN=Frost Glass Lens, Satin Nickel Squircle Trim
6230TBZ=Frost Glass Lens, Tuscan Bronze Squircle Trim



6255 Soft Square, Frost Curve Glass Lens, Self-flange - Showerlight
OD: 7-1/4" [183mm]
6255WH=Frost Curve Glass Lens with Reflector, White Plastic Trim
6255SN=Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Trim
6255TBZ=Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Trim

***Outdoor rated lamp only (purchase separately)**

Ordering Information

Sample Number: H27ICAT 6110WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

H27ICT = 6" IC, Air-Tite, shallow New Construction Housing, 120V

Trims

Open, Splay & Wall Wash



300 Open Trim with Fixed Socket Bracket, Self-flange
OD: 7-1/4" [183mm]
300P=Self-flange with White Open Trim
300SN=Self-flange with Satin Nickel Open Trim
300TBZ=Self-flange with Tuscan Bronze Open Trim



328 White Splay Trim
OD: 7-3/4" [197mm]
328P=White Splay Trim

Accessories

Designer Finish Trim Rings
TRM6C=Chrome
TRM6SN=Satin Nickel
TRM6TBZ=Tuscan Bronze
TRM6MB=Black Metal
TRM7MB=Black plastic
Metal 7 1/4" OD. Compatible with 310*, 312*, 376, 378, 400, 404, 405, 410, 416, 419, 420, 424, 425, 426*, 429*, 455CG, 455SC, 456P, 456W, 477, 478, 1412, 1416, 1475.

Oversized Trim Rings
OT400P=6" ID x 9-1/4" OD, Oversized white metal trim ring for designated 6" trims.
OT403P=6" ID x 8" OD, Oversized gloos white plastic trim ring for designated 6" trims.

*Originally supplied with TRM6P white metal trim rings. All others are suppied with white plastic trim rings.

***Outdoor rated lamp only (purchase separately)**

Eaton
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www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

LISTED
For use in Halo listed housings.

Select trims are classified for use in others housings.
See www.eaton.com/lighting/legal.