

DESCRIPTION

Recessed 6" aperture downlight for GU24 integrated (self-ballasted) lamp. Dedicated high efficacy GU24 socket prevents substitution of lower efficacy screwbase sources. Housing is suitable for 2x8 residential or commercial installations, airtight and can be used in direct contact with insulation*. Use with a variety of trims and finishes to create different lighting effects or to match any décor. Designed for tool-less upgrade to Halo RL56 or ML56 LED lighting system.

Catalog #	Type
Project	
Comments	Date
Prepared by	

DESIGN FEATURES

Housings

- Die formed aluminum housing
- Designed for airtight ASTM-E283 compliance
- Shipped with overspray protector installed
- The can may be removed from the plaster frame to provide access to the junction box.

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Integral bar hanger receivers include positive horizontal locking with recessed setscrew or crimp points.
- Regressed locking screw for securing hanger bars.
- Cutouts included for easily crimping hanger bars in position.

Slide-N-Side™ Junction Box

- Positioned to accommodate straight conduit runs.
- Seven 1/2" trade size conduit knockouts with true pry-out slots.
- Three Slide-N-Side wire traps allow non metallic sheathed cable to be used without removing knockouts.
- Allows wiring connections to be made outside the box.
- Simply insert the cable directly into the trap after connections are made.
- Accommodates the following standard non-metallic sheathed cable type:
 - U.S. #14/2, #14/3, #12/2, #12/3
 - Canada: #14/2, #14/3, #12/2
- Push wire connectors included for field connections.

GOT NAIL! Pass -N-Thru™

Bar Hangers

- Captive preinstalled bar hangers adjust from 8-1/2" to 24" wide
- Housing can be positioned at any point within 24" span
- 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 leveling flange aligns the housing and allows holding the housing in place with one hand while driving nails.
- Score lines allow tool-free shortening and bar hangers do not need to be removed for shortening.
- Bar hangers may be repositioned 90° on plaster frame
- Integral T-bar clip snaps onto T-bars; no additional clips are required.

Lamp Socket

GU24 plastic socket with nickel plated contacts attaches directly to the trim for consistent lamp positioning.

LED Adapter Whip

Socket whip is attached to a Halo connector for LED upgrade to with Halo RL56 and ML56 Series LED modules.

Lamps

H724ICATL: includes (1) 15W 2700K R30 GU24 CFL lamp (CF15/27/R30/GU24)

Replacement lamp: Z15R30GU24
See ordering information for compatible trims and listings with GU24 lamps.

H724ICAT: See ordering information for compatible trims and listings with GU-24 lamps

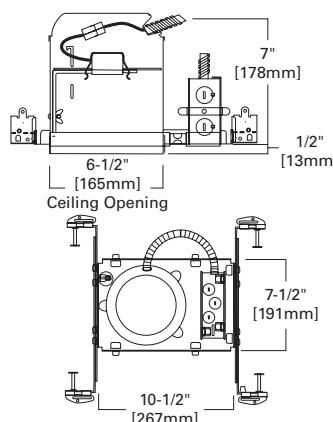
Warranty

Cooper Lighting provides a (3) three year limited warranty on Halo GU24 housings that include lamp ("L" suffix). This warranty is in accordance with ENERGY STAR® qualifications. Other lamps used in GU24 housings are subject to the lamp manufacturer's conditions of use and warranty.

Code Compliance

- UL listed cULus 1598 Type IC, suitable for direct contact to insulation*
- cULus listed for damp locations. Wet location listed with select lens trims (shower rated).
- Airtight certified per ASTM E283.
- Can be used for International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- H724ICATL - Washington State Energy Code high efficacy luminaire compliant
- H724ICATL - ENERGY STAR® Qualified Product List (consult ENERGY STAR® website)

* Not to be used in direct contact with spray foam insulation



H724ICAT



H724ICATL

GU24 CFL (LED)
6" Insulated Ceiling
AIR-TITE™ Recessed
Housing

CFL: 15W Maximum

Compatible with
RL56 LED Module
ML56 LED Modules & Trims
20W Maximum

High Efficacy Housing

FOR USE IN
INSULATED CEILINGS
FOR DIRECT CONTACT
WITH INSULATION*

air-tite
LED

ORDERING INFORMATION – Compatible trims and listings with GU-24 lamps**SAMPLE NUMBER:** H7241CAT 30WAT

Order housing, trim and lamp (by others) separately for a complete luminaire. Model with “L” suffix includes lamp.

Housing**H7241CAT** = 6” insulated ceiling, airtight recessed housing, GU24 base, 120V**H7241CATL** = 6” insulated ceiling, airtight recessed housing, GU24 base, 120V, with 15W R30 CFL lamp included**Trims - GU24 base lamp listings as indicated****Adjustable****78 Eyeball - 30° Tilt**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 8” [203mm]

78P=White Trim with White Eyeball**78PAT**=White Trim with White Eyeball - AIR-TITE™ Trim**78SN**=Satin Nickel Trim with Satin Nickel Eyeball**78TBZ**=Tuscan Bronze Trim with Tuscan Bronze Eyeball**Baffles****30 Super Trim™ AIR-TITE™ Baffle**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

30PAT=White Trim with Black Baffle and Clear Reflector**30SNAT**=Satin Nickel Trim with SN Baffle and Reflector**30TBZAT**=Tuscan Bronze Trim w/ TBZ Baffle and Reflector**30WAT**=White Trim with White Baffle and White Reflector**30WATH**=White Trim with White Baffle and Clear Reflector**310 Coilex® Baffle**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

310W, P, SN, TBZ - OD: 7-1/4” [184mm],

310WG, PG - OD: 8” [203mm]

310P=White Trim with Black Coilex® Baffle**310PG**=Wide White Trim Ring with Black Coilex® Baffle**310SN**=Satin Nickel Trim with Black Coilex® Baffle**310TBZ**=Tuscan Bronze Trim with Black Coilex® Baffle**310W**=White Trim with White Coilex® Baffle**310WG**=Wide White Trim Ring with White Coilex® Baffle**312 Coilex® Baffle,**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

312P=White Trim with Black Baffle**312W**=White Trim with White Baffle**353 Metal Baffle**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

353SN=Satin Nickel Trim with Satin Nickel Baffle**353TBZ**=Tuscan Bronze Trim with Tuscan Bronze Baffle**410 Coilex® Baffle**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

410P=White Trim with Black Baffle**410W**=White Trim with White Baffle (410WG - White Trim with White Baffle and 8” O.D. Trim Ring)**ERT707 Metal Baffle**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

Narrow and Wide Trim Rings included

Narrow OD: 7-1/4” [184mm]

Wide OD: 8” [203mm]

ERT707=High Gloss Appliance White Trim w/Black Baffle**ERT707WHT**=High Gloss Appliance White Trim w/White Baffle**ERT709 Large Aperture Metal Baffle**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

Narrow and Wide Trim Rings included

Narrow OD: 7-1/4” [184mm]

Wide OD: 8” [203mm]

ERT709=High Gloss Appliance White Trim w/Black Baffle**ERT709WHT**=High Gloss Appliance White Trim w/White Baffle**ERT714 Plastic Baffle**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 8” [203mm]

ERT714=High Gloss Appliance White Trim with Black Baffle**ERT714WHT**=High Gloss Appliance White Trim with White Baffle**Baffles - continued****ERT717 Large Aperture Plastic Baffle**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 8” [203mm]

ERT717=High Gloss Appliance White Trim and White Baffle**ERT713 Metal Baffle (socket supporting)**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

ERT713=High Gloss Appliance White Trim with Black Baffle**ERT713WHT**=High Gloss Appliance White Trim with White Baffle**ERT772 Metal Baffle (Open top: non-socket supporting)**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

ERT772TS=Gloss White Trim, Black Baffle, Torsion Spring**ERT772WHTTS**=Gloss White Trim, White Baffle, Torsion Spring**Lenses and Diffusers****171 Drop Opal Lens with Reflector,**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-3/4” [197mm]

171P=White Trim with Drop Opal Glass Lens**171PS**=White Trim with Drop Opal Glass Lens, Wet Location, AIR-TITE™**172 Dome Lens with Reflector,**

13W GU24 CFL Spiral (CF13/GU24)

OD: 7-3/4” [197mm]

172PS=White Trim with Frosted Glass Dome, Wet Location Listed and AIR-TITE™**172SNS**=Satin Nickel Trim with Frosted Glass Dome, Wet Location Listed and AIR-TITE™**172TBZS**=Tuscan Bronze Trim with Frosted Glass Dome, Wet Location Listed and AIR-TITE™**272 Dome Lens with Tall Reflector,**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-3/4” [197mm]

272PS=White Trim with Frosted Glass Dome, Wet Location Listed and AIR-TITE™**70 Albalite Lens**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 8” [203mm]

70P=White Trim w/ Frosted Albalite Glass Lens**70PS**=White Trim w/ Frosted Albalite Glass Lens, Wet Location Listed**71 Drop Opal Lens**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 8” [203mm]

71P=White Trim with Drop Opal Glass Lens**71PS**=White Trim with Drop Opal Glass Lens, Wet Location Listed**73 Fresnel Lens**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 8” [203mm]

73P=White Trim with Glass Fresnel Lens**73PS**=White Trim with Glass Fresnel Lens, Wet Location Listed**75 Diffuser**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-3/4” [197mm]

75=All Glass Diffuser**Lenses and Diffusers - continued****ERT701 Albalite Lens**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 8” [203mm]

ERT701=High Gloss Appliance White Trim**ERT703 Fresnel Glass Lens Showerlight**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 8” [203mm]

ERT703=High Gloss Appliance White Trim with Fresnel Glass Lens**Open****300 Open Trim with Socket Support**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

300P=White Trim Ring**300SN**=Satin Nickel Trim Ring**300TBZ**=Tuscan Bronze Trim Ring**Reflectors****30 Super Trim™ AIR-TITE™ Reflector (Socket Supporting)**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

30CAT=White Trim with Clear Specular Reflector**30HAT**=White Trim with Haze Reflector**30RGAT**=White Trim with Gold Reflector**30SBAT Super Trim Self Flanged Reflector****(Socket Supporting)**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

30SBAT=Black Specular Reflector**426 Reflector Cone**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

426=White Trim Ring with Clear Specular Reflector Cone**426CG**=White Trim with Champagne Gold Reflector Cone**426H**=White Trim with Haze Reflector Cone**426MB**=White Trim with Specular Black Reflector Cone**426RG**=White Trim with Residential Gold Reflector Cone**426SN**=Satin Nickel Trim with Satin Nickel Reflector Cone**426TBZ**=Tuscan Bronze Trim w/Tuscan Bronze Reflector Cone**ERT710 Reflector Cone**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

ERT710=High Gloss Appliance White Trim with Clear Specular Reflector**ERT710G**=High Gloss Appliance White Trim with Gold Reflector**ERT770 Metal Reflector (Open top: non-socket supporting)**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

ERT770TS=Gloss White Trim Ring, Clear Specular Reflector**ERT770MTS**=Gloss White Trim Ring, Matte Haze Reflector**ERT771 Gloss White Metal Reflector****(Open top: non-socket supporting)**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

ERT771TS=Gloss White Trim Ring and Gloss White Reflector**ERT712 White Metal Reflector (socket supporting)**

13W GU24 CFL Spiral (CF13/GU24), 15W GU24 CFL R30 Reflector (CF15/27/R30/GU24)

OD: 7-1/4” [184mm]

ERT712=High Gloss Appliance White Trim with White Reflector**Accessories****Designer Trim Rings**

6” Designer Trim Ring for use with 310, 312 and 410 trims

TRM6C=Chrome**TRM6MB**=Black Metal**TRM6P**=White Metal**TRM6SN**=Satin Nickel**TRM6TBZ**=Tuscan Bronze**TRM7MB**=Black Plastic**Oversize Trim Rings****OT400P**=6” I.D. x 9 1/4” O.D. Oversized White Metal Trim Ring**OT403P**=6” I.D. x 8” O.D. Oversized White Plastic Trim Ring

ORDERING INFORMATION - Compatible Halo LED Retrofit Modules & Trims

SAMPLE NUMBER: H724ICAT RL560WH6830
 Order housing, RL56 LED module separately
 Order housing, ML56 LED module & trim separately

Housing	RL56 Series 5"/6" Retrofit LED	ML56 Series LED Modules	ML56 Series LED Trims*	ML56 Accessories (order separately)
H724ICAT = 6" insulated ceiling, airtight recessed housing, GU24 base, 120V	<p>80 CRI RL560WH6827= 5"/6" Retrofit Baffle - Trim LED Module, 80CRI, 2700K, Matte White RL560SN6827= 5"/6" Retrofit Baffle - Trim LED Module, 80CRI, 2700K, Satin Nickel RL560WH= 5"/6" Retrofit Baffle - Trim LED Module, 80CRI, 3000K, Matte White RL560SN6830= 5"/6" Retrofit Baffle - Trim LED Module, 80CRI, 3000K, Satin Nickel RL560WH6835= 5"/6" Retrofit Baffle - Trim LED Module, 80CRI, 3500K, Matte White</p> <p>90 CRI RL560WH6930= 5"/6" Retrofit Baffle - Trim LED Module, 90CRI, 3000K, Matte White</p>	<p>600 Series, 80CRI ML5606827 = 5"/6" LED Retrofit Downlight Engine, 600lm, 80CRI ML5606830 = 5"/6" LED Retrofit Downlight Engine, 600lm, 80CRI ML5606835 = 5"/6" LED Retrofit Downlight Engine, 600lm, 80CRI ML5606840 = 5"/6" LED Retrofit Downlight Engine, 600lm, 80CRI</p> <p>900 Series, 80CRI ML5609827 = 5"/6" LED Retrofit Downlight Engine, 900lm, 80CRI ML5609830 = 5"/6" LED Retrofit Downlight Engine, 900lm, 80CRI ML5609835 = 5"/6" LED Retrofit Downlight Engine, 900lm, 80CRI ML5609840 = 5"/6" LED Retrofit Downlight Engine, 900lm, 80CRI</p> <p>1200 Series, 80CRI ML5612827 = 5"/6" LED Retrofit Downlight Engine, 1200lm, 80CRI ML5612830 = 5"/6" LED Retrofit Downlight Engine, 1200lm, 80CRI ML5612835 = 5"/6" LED Retrofit Downlight Engine, 1200lm, 80CRI ML5612840 = 5"/6" LED Retrofit Downlight Engine, 1200lm, 80CRI</p> <p>600 Series, 90CRI ML5606927 = 5"/6" LED Retrofit Downlight Engine, 600lm, 90CRI ML5606930 = 5"/6" LED Retrofit Downlight Engine, 600lm, 90CRI ML5606935 = 5"/6" LED Retrofit Downlight Engine, 600lm, 90CRI ML5606940 = 5"/6" LED Retrofit Downlight Engine, 600lm, 90CRI</p> <p>900 Series, 90CRI ML5609927 = 5"/6" LED Retrofit Downlight Engine, 900lm, 90CRI ML5609930 = 5"/6" LED Retrofit Downlight Engine, 900lm, 90CRI ML5609935 = 5"/6" LED Retrofit Downlight Engine, 900lm, 90CRI ML5609940 = 5"/6" LED Retrofit Downlight Engine, 900lm, 90CRI</p> <p>1200 Series, 90CRI ML5612927 = 5"/6" LED Retrofit Downlight Engine, 1200lm, 90CRI ML5612930 = 5"/6" LED Retrofit Downlight Engine, 1200lm, 90CRI ML5612935 = 5"/6" LED Retrofit Downlight Engine, 1200lm, 90CRI ML5612940 = 5"/6" LED Retrofit Downlight Engine, 1200lm, 90CRI</p>	<p>691WB* = 6" LED Downlight Trim, Polymer "Dead-Front", White Shallow Baffle & Flange - Standard and Shallow Housings (use with 600 Series only) 692SC = 6" LED Downlight Trim, Specular Reflector & White Flange 692H = 6" LED Downlight Trim, Haze Reflector & White Flange 692W = 6" LED Downlight Trim, White Reflector & Flange 693WB = 6" LED Downlight Trim, White Micro-Step Baffle & Flange 693BB = 6" LED Downlight Trim, Black Micro-Step Baffle & White Flange 693SNB* = 6" LED Downlight Trim, Satin Nickel Micro-Step Baffle & Flange 693TBZB* = 6" LED Downlight Trim, Tuscan Bronze Micro-Step Baffle & Flange 695WW = 6" LED Downlight Trim, Wall Wash with Specular Reflector, Repositionable Specular Kick Reflector & White Flange 696WB = 6" LED Downlight Trim, White Shallow Baffle & Flange - Shallow and Standard Housings 694WB = 6" LED Directional Trim, White Eyeball, Baffle & Flange 694SNB* = 6" LED Directional Trim, Satin Nickel Eyeball, Baffle & Flange 694TBZB* = 6" LED Directional Trim, Tuscan Bronze Eyeball, Baffle & Flange</p>	<p>TRM690WH = 6" LED Oversize Trim Ring, for use with 69" series trims, White, Dimensions: 6.9" I.D., 9.5" O.D.</p>

*Consult ML56 LED light module specification sheets for applicable trim listings with respective 600 Series, 900 Series and 1200 Series.

Upgrade with Halo LED



1 Remove socket bracket.



2 Unplug GU24 socket from connector.



3 Attach LED module (RL56 or ML56).