

**6-INCH INCANDESCENT SLOPE CEILING HOUSING ICAT**



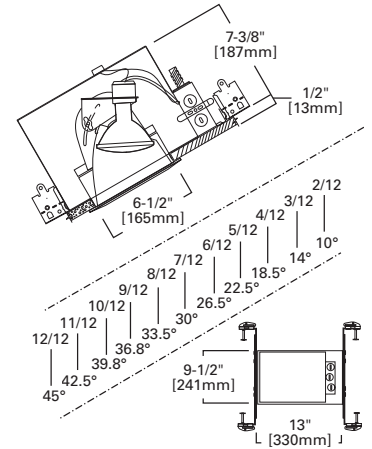
**H6451C**

**FEATURES**

- Got Nail™ bar hangers
- Pass-N-Thru™ tool-less shortening of bar hangers
- Slide-N-Side™ wire traps
- Quick Connect wiring connectors included in junction box
- AIR-TITE™
- Thermally protected
- Die-formed housing and plaster frame
- Socket aiming for ceilings from 2/12 to 12/12 pitch
- Slope indicator provides quick and consistent lamp settings

Compliances may not apply to all product configurations. Please consult the product spec sheet for compliance details.

**COMPLIANCES:** UL/cUL Listed - Wet Location, UL/cUL Listed - Damp Location, UL/cUL Listed 1598 Luminaire, UL/cUL Listed for Feed Through, UL/cUL Listed for Insulation Contact, AIR-TITE™ Certified ASTM E283



**ORDERING INFORMATION: ORDER HOUSING AND TRIMS SEPARATELY\***

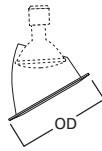
**SAMPLE NUMBER:** H6451C - 456W

Housing	Trims	Baffles
<b>H6451C</b> —6" Aperture, New Construction, Slope Ceiling, IC AIR-TITE™, 120V Line Voltage	<b>Adjustables</b> <b>1417 Low Voltage Eyeball with Baffle - 30° Tilt, 50W 12V MR16, OD: 7-1/4" [184mm]</b> <b>1417BA</b> —White Trim with White Eyeball and Black Baffle (Low Voltage Transformer Included) <b>1417W</b> —White Trim with White Eyeball and White Baffle (Low Voltage Transformer Included)  <b>417 Coilex® Baffle Eyeball - 30° Tilt, 75W R30, 65W BR30, OD: 8" [203mm]</b> <b>417P</b> —White Trim and Eyeball with Black Coilex® Baffle <b>417PB</b> —Polished Brass Trim and Eyeball with Black Coilex® Baffle <b>417W</b> —White Trim and Eyeball with White Coilex® Baffle  <b>78 Eyeball - 30° Tilt, 65W BR30, 75W R30, 75W PAR30L, OD: 8" [203mm]</b> <b>78B</b> —Satin Brass Trim with Satin Brass Eyeball <b>78P</b> —White Trim with White Eyeball <b>78PAT</b> —White Trim with White Eyeball - AIR-TITE™ Trim <b>78PB</b> —Polished Brass Trim with Polished Brass Eyeball <b>78SN</b> —Satin Nickel Trim with Satin Nickel Eyeball <b>78TBZ</b> —Tuscan Bronze Trim with Tuscan Bronze Eyeball	<b>Baffles</b> <b>456 Baffle, 456P: 60W BR30, 50W PAR30L, OD: 7-1/4" [184mm]</b> <b>456P</b> —White Trim with Black Baffle  <b>456 Baffle, 456W: 50W PAR30L, 65W BR30, and 75W PAR30L with H1999 Socket Extender, OD: 7-1/4" [184mm]</b> <b>456W</b> —White Trim with White Baffle  <b>Lenses and Diffusers</b> <b>170 Albalite Lens with Reflector, 60W A19, OD: 8" [203mm]</b> <b>170P</b> —White Trim with Frosted Albalite Glass Lens <b>170PS</b> —White Trim with Frosted Albalite Glass Lens, Wet Location Listed and AIR-TITE™
	<b>Reflectors</b> <b>455 Specular Reflector, 65W BR30, 75W R30, 75W PAR30L, OD: 7-1/4" [184mm]</b> <b>455H</b> —White Trim with Haze Reflector <b>455SC</b> —White Trim with Clear Specular Reflector <b>455SCG</b> —White Trim with Champagne Gold Reflector	

**NOTES:** Δ Not to be used in direct contact with spray foam insulation. Δ UL/cUL Listed for Wet Location with select trims.

**455 Slope Ceiling Specular Reflector**

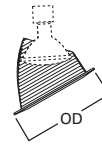
- 455SC White Trim with Clear Specular Reflector
- 455H White Trim with Haze Reflector
- 455CG White Trim with Champagne Gold Reflector



**HOUSING / LAMP:**  
H6451C: 65W BR30, 75W R30, 75W PAR30L  
**DIMENSIONS:** OD: 7-1/4" [184mm]

**456 Slope Ceiling Baffle**

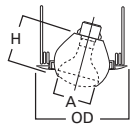
- 456W White Trim with White Baffle
- 456P White Trim with Black Baffle



**HOUSING / LAMP:**  
H6451C: 456P: 60W BR30, 50W PAR30L  
H6451C: 456W: 50W PAR30L, 65W BR30, 75W PAR30L with H1999 Socket Extender  
**DIMENSIONS:** OD: 7-1/4" [184mm]

**78 Eyeball 30° Tilt**

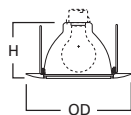
- 78P White Trim with White Eyeball
- 78PAT White Trim with White Eyeball - AIR-TITE™ Trim
- 78SN Satin Nickel Trim with Satin Nickel Eyeball
- 78TBZ Tuscan Bronze Trim with Tuscan Bronze Eyeball
- 78B Satin Brass Trim with Satin Brass Eyeball
- 78PB Polished Brass Trim with Polished Brass Eyeball



**HOUSING / LAMP:**  
H6451C: 65W BR30, 75W R30, 75W PAR30L  
**DIMENSIONS:** Height: 4-1/8" [105mm]; Aperture: 3-15/16" [100mm]; OD: 8" [203mm]

**170 Albalite Glass Lens with Reflector**

- 170P White Trim with Frosted Albalite Glass Lens
- 170PS White Trim with Frosted Albalite Glass Lens, Wet Location, AIR-TITE™



**HOUSING / LAMP:**  
H6451C: 60W A19  
**DIMENSIONS:** Height: 4" [101mm]; OD: 8" [203mm]

**417 Coilex® Baffle Eyeball 30° Tilt**

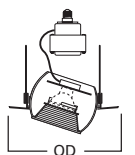
- 417W White Trim and Eyeball with White Coilex Baffle
- 417P White Trim and Eyeball with Black Coilex Baffle
- 417PB Polished Brass Trim and Eyeball with Black Coilex Baffle



**HOUSING / LAMP:**  
H6451C: 75W R30, 65W BR30  
**DIMENSIONS:** OD: 8" [203mm]

**1417 Low Voltage Eyeball with Baffle 30° Tilt**

- 1417W White Trim with White Eyeball and White Baffle
- 1417BA White Trim with White Eyeball and Black Baffle



**HOUSING / LAMP:**  
H7RT: 50W 12V MR16  
H7T: 50W 12V MR16  
H7TCP: 50W 12V MR16  
**DIMENSIONS:** OD: 7-1/4" [184mm]  
**ACCESSORIES:** Low Voltage Transformer Included

Specifications and dimensions subject to change without notice. Consult your Cooper Lighting Representative or visit [www.cooperlighting.com](http://www.cooperlighting.com) for available options, accessories and ordering information.

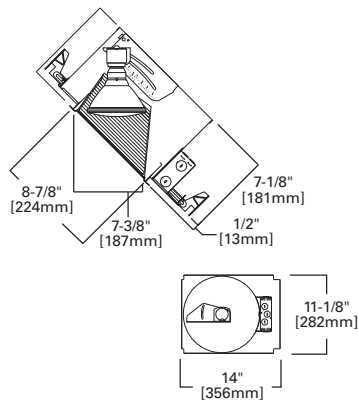
7-INCH INCANDESCENT SLOPE CEILING HOUSING ICAT

**FEATURES**

- Got Nail™ bar hangers
- Pass-N-Thru™ tool-less shortening of bar hangers
- AIR-TITE™
- Quick Connect wiring connectors included in junction box
- Thermally protected
- Die-formed housing and plaster frame
- Socket aiming for ceilings from 2/12 to 12/12 pitch
- Slope indicator provides quick and consistent lamp settings

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**COMPLIANCES:** UL/cUL Listed - Damp Location, UL/cUL Listed 1598 Luminaire, UL/cUL Listed for Feed Through, UL/cUL Listed for Insulation Contact, AIR-TITE™ Certified ASTM E283



H745ICAT

**ORDERING INFORMATION: ORDER HOUSING AND TRIMS SEPARATELY<sup>A</sup>**

**SAMPLE NUMBER:** H745ICAT - 457W

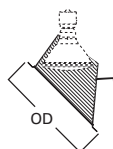
Housing	Trims
H745ICAT=7" Aperture, New Construction, Slope Ceiling, IC AIR-TITE™, 120V Line Voltage	<p><b>Baffles</b></p> <p>457 Baffle, 65W BR30, 75W R30, 75W PAR30, 90W PAR38, OD: 9-3/4" [248mm]                      457P=White Trim with Black Baffle                      457W=White Trim with White Baffle</p> <p><b>Reflectors</b></p> <p>457 Specular Reflector, 75W R30, 65W BR30, OD: 9-3/4" [248mm]                      457CG=White Trim with Champagne Gold Reflector                      457SC=White Trim with Clear Specular Reflector</p> <p><b>White Cone Reflector</b></p> <p>457 White Reflector, 65W BR30, 75W R30, 75W PAR30, 90W PAR38, OD: 9-3/4" [248mm]                      457PW=White Trim with White Reflector</p>

**NOTES:** Δ Not to be used in direct contact with spray foam insulation.

**457 Slope Ceiling Baffle**



- 457W White Trim with White Baffle
- 457P White Trim with Black Baffle



**HOUSING / LAMP:**

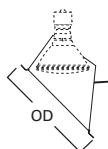
H745ICAT: 65W BR30, 75W R30, 75W PAR30, 90W PAR38  
 H745ICAT: 75W R30, 65W BR30

**DIMENSIONS:** OD: 9-3/4" [248mm]

**457 Slope Ceiling Specular Reflector**



- 457SC White Trim with Clear Specular Reflector
- 457CG White Trim with Champagne Gold Reflector



**HOUSING / LAMP:**

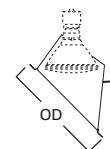
H745ICAT: 75W R30, 65W BR30

**DIMENSIONS:** OD: 9-3/4" [248mm]

**457 Slope Ceiling White Reflector**



- 457PW White Trim with White Reflector

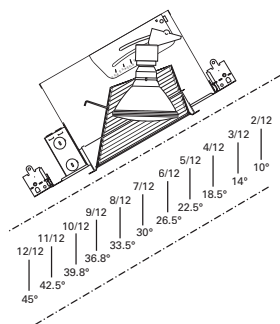


**HOUSING / LAMP:**

H745ICAT: 65W BR30, 75W R30, 75W PAR30, 90W PAR38

**DIMENSIONS:** OD: 9-3/4" [248mm]

**PITCH TO DEGREE CONVERSION**



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**6-INCH INCANDESCENT SLOPE CEILING HOUSING ICAT**



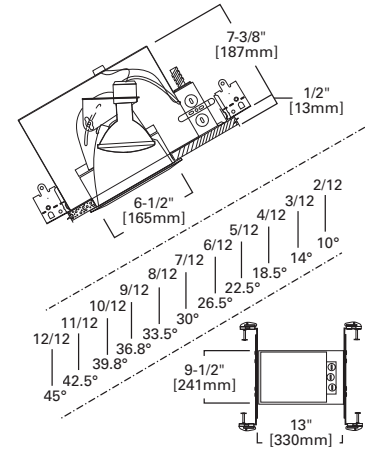
**H6451C**

**FEATURES**

- Got Nail™ bar hangers
- Pass-N-Thru™ tool-less shortening of bar hangers
- Slide-N-Side™ wire traps
- Quick Connect™ wiring connectors included in junction box
- AIR-TITE™
- Thermally protected
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**COMPLIANCES:** UL/cUL Listed - Wet Location, UL/cUL Listed - Damp Location, UL/cUL Listed 1598 Luminaire, UL/cUL Listed for Feed Through, UL/cUL Listed for Insulation Contact, AIR-TITE™ Certified ASTM E283



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**SAMPLE NUMBER:** H6451C - 456W

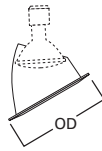
Housing	Trims	Baffles	
<b>H6451C</b> —6" Aperture, New Construction, Slope Ceiling, IC AIR-TITE™, 120V Line Voltage	<b>Adjustables</b> <b>1417 Low Voltage Eyeball with Baffle - 30° Tilt, 50W 12V MR16, OD: 7-1/4" [184mm]</b> <b>1417BA</b> —White Trim with White Eyeball and Black Baffle (Low Voltage Transformer Included) <b>1417W</b> —White Trim with White Eyeball and White Baffle (Low Voltage Transformer Included)	<b>456 Baffle, 456P: 60W BR30, 50W PAR30L, OD: 7-1/4" [184mm]</b> <b>456P</b> —White Trim with Black Baffle	
	<b>417 Coilex® Baffle Eyeball - 30° Tilt, 75W R30, 65W BR30, OD: 8" [203mm]</b> <b>417P</b> —White Trim and Eyeball with Black Coilex® Baffle <b>417PB</b> —Polished Brass Trim and Eyeball with Black Coilex® Baffle <b>417W</b> —White Trim and Eyeball with White Coilex® Baffle	<b>456 Baffle, 456W: 50W PAR30L, 65W BR30, and 75W PAR30L with H1999 Socket Extender, OD: 7-1/4" [184mm]</b> <b>456W</b> —White Trim with White Baffle	<b>Lenses and Diffusers</b> <b>170 Albalite Lens with Reflector, 60W A19, OD: 8" [203mm]</b> <b>170P</b> —White Trim with Frosted Albalite Glass Lens <b>170PS</b> —White Trim with Frosted Albalite Glass Lens, Wet Location Listed and AIR-TITE™
	<b>78 Eyeball - 30° Tilt, 65W BR30, 75W R30, 75W PAR30L, OD: 8" [203mm]</b> <b>78B</b> —Satin Brass Trim with Satin Brass Eyeball <b>78P</b> —White Trim with White Eyeball <b>78PAT</b> —White Trim with White Eyeball - AIR-TITE™ Trim <b>78PB</b> —Polished Brass Trim with Polished Brass Eyeball <b>78SN</b> —Satin Nickel Trim with Satin Nickel Eyeball <b>78TBZ</b> —Tuscan Bronze Trim with Tuscan Bronze Eyeball	<b>Reflectors</b> <b>455 Specular Reflector, 65W BR30, 75W R30, 75W PAR30L, OD: 7-1/4" [184mm]</b> <b>455H</b> —White Trim with Haze Reflector <b>455SC</b> —White Trim with Clear Specular Reflector <b>455SCG</b> —White Trim with Champagne Gold Reflector	

**NOTES:** Δ Not to be used in direct contact with spray foam insulation. Δ UL/cUL Listed for Wet Location with select trims.

**455 Slope Ceiling Specular Reflector**



- 455SC White Trim with Clear Specular Reflector
- 455H White Trim with Haze Reflector
- 455CG White Trim with Champagne Gold Reflector

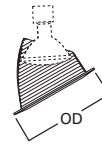


**HOUSING / LAMP:**  
H6451C: 65W BR30, 75W R30, 75W PAR30L  
**DIMENSIONS:** OD: 7-1/4" [184mm]

**456 Slope Ceiling Baffle**



- 456W White Trim with White Baffle
- 456P White Trim with Black Baffle

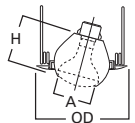


**HOUSING / LAMP:**  
H6451C: 456P: 60W BR30, 50W PAR30L  
H6451C: 456W: 50W PAR30L, 65W BR30, 75W PAR30L with H1999 Socket Extender  
**DIMENSIONS:** OD: 7-1/4" [184mm]

**78 Eyeball 30° Tilt**



- 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
- 78B Satin Brass Trim with Satin Brass Eyeball
- 78PB Polished Brass Trim with Polished Brass Eyeball

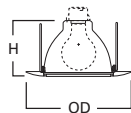


**HOUSING / LAMP:**  
H6451C: 65W BR30, 75W R30, 75W PAR30L  
**DIMENSIONS:** Height: 4-1/8" [105mm]; Aperture: 3-15/16" [100mm]; OD: 8" [203mm]

**170 Albalite Glass Lens with Reflector**



- 170P White Trim with Frosted Albalite Glass Lens
- 170PS White Trim with Frosted Albalite Glass Lens, Wet Location, AIR-TITE™



**HOUSING / LAMP:**  
H6451C: 60W A19  
**DIMENSIONS:** Height: 4" [101mm]; OD: 8" [203mm]

**417 Coilex® Baffle Eyeball 30° Tilt**



- 417W White Trim and Eyeball with White Coilex Baffle
- 417P White Trim and Eyeball with Black Coilex Baffle
- 417PB Polished Brass Trim and Eyeball with Black Coilex Baffle

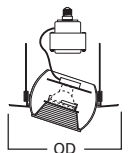


**HOUSING / LAMP:**  
H6451C: 75W R30, 65W BR30  
**DIMENSIONS:** OD: 8" [203mm]

**1417 Low Voltage Eyeball with Baffle 30° Tilt**



- 1417W White Trim with White Eyeball and White Baffle
- 1417BA White Trim with White Eyeball and Black Baffle



**HOUSING / LAMP:**  
H7RT: 50W 12V MR16  
H7T: 50W 12V MR16  
H7TCP: 50W 12V MR16  
**DIMENSIONS:** OD: 7-1/4" [184mm]  
**ACCESSORIES:** Low Voltage Transformer Included

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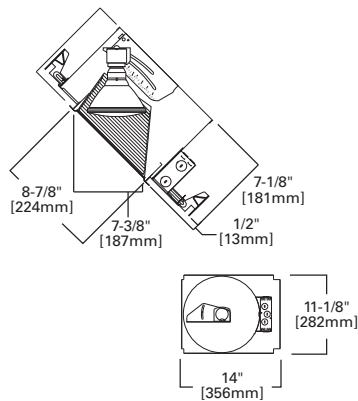
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H745ICAT

**ORDERING INFORMATION: ORDER HOUSING AND TRIMS SEPARATELY<sup>A</sup>**

**SAMPLE NUMBER:** H745ICAT - 457W

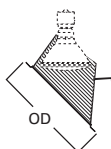
Housing	Trims
H745ICAT=7" Aperture, New Construction, Slope Ceiling, IC AIR-TITE™, 120V Line Voltage	<p><b>Baffles</b></p> <p>457 Baffle, 65W BR30, 75W R30, 75W PAR30, 90W PAR38, OD: 9-3/4" [248mm]                      457P=White Trim with Black Baffle                      457W=White Trim with White Baffle</p> <p><b>Reflectors</b></p> <p>457 Specular Reflector, 75W R30, 65W BR30, OD: 9-3/4" [248mm]                      457CG=White Trim with Champagne Gold Reflector                      457SC=White Trim with Clear Specular Reflector</p> <p><b>White Cone Reflector</b></p> <p>457 White Reflector, 65W BR30, 75W R30, 75W PAR30, 90W PAR38, OD: 9-3/4" [248mm]                      457PW=White Trim with White Reflector</p>

**NOTES:** Δ Not to be used in direct contact with spray foam insulation.

**457 Slope Ceiling Baffle**



457W White Trim with White Baffle  
 457P White Trim with Black Baffle



**HOUSING / LAMP:**

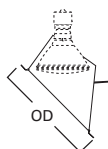
H745ICAT: 65W BR30, 75W R30, 75W PAR30, 90W PAR38  
 H745ICAT: 75W R30, 65W BR30

**DIMENSIONS:** OD: 9-3/4" [248mm]

**457 Slope Ceiling Specular Reflector**



457SC White Trim with Clear Specular Reflector  
 457CG White Trim with Champagne Gold Reflector



**HOUSING / LAMP:**

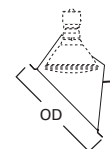
H745ICAT: 75W R30, 65W BR30

**DIMENSIONS:** OD: 9-3/4" [248mm]

**457 Slope Ceiling White Reflector**



457PW White Trim with White Reflector

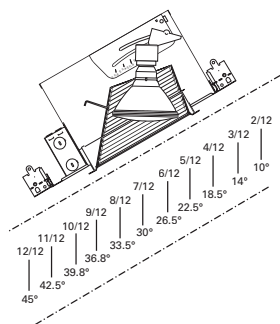


**HOUSING / LAMP:**

H745ICAT: 65W BR30, 75W R30, 75W PAR30, 90W PAR38

**DIMENSIONS:** OD: 9-3/4" [248mm]

**PITCH TO DEGREE CONVERSION**



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