Description

The Halo E5 series consists of compact and efficient recessed housings optimized and listed for PAR20 and PAR30, EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. The Halo E5 housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings; with airtight code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor.
May be retrofit with HALO LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

Specification Features

Housing
- Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral Air-Tite gasket for code-required gasket between fixture and finished ceiling - seals aperture without need for additional caulk
- Shipped with socket overspray protector installed
- May be removed from the plaster frame to provide access to junction box

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
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness
- (2) Regressed locking screws for securing hanger bars
- Integral Air-Tite gasket seals housing and meets code-required gasket between fixture and finished ceiling

Includes:
Bar Hangers
All Nail!™
- Integral precisely positioned nail for engineered and natural framing
- Mini-foot leveling flange
- Integral T-Grid Clip, no accessory clips required

q-Channel bars with Pass-N-Thru™
- 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

Hinged junction box w/ Slide-N-Side™
- (4) ½" conduit pry-outs
- (3) Slide-N-Side™ Non-Metallic (NM) wire traps, allow wiring outside the box
- For 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian
- Hinged door for easy access
- Box is repositionable 90˚ on frame to avoid obstructions

Quick Connect™
- (3) Push wire nuts included, for speed & reliability
- Clear caps for wire connection visibility

cULus Listed
- Compact 16 in^3 volume
- Listed for max. (10) No. 12 AWG or (14) No. 14 AWG 90˚ C splice conductors in box

Air-Tite™ code compliant
- Certified under ASTM E283
- Exclusive gasket seals aperture, frame & ceiling
- No additional caulk required

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

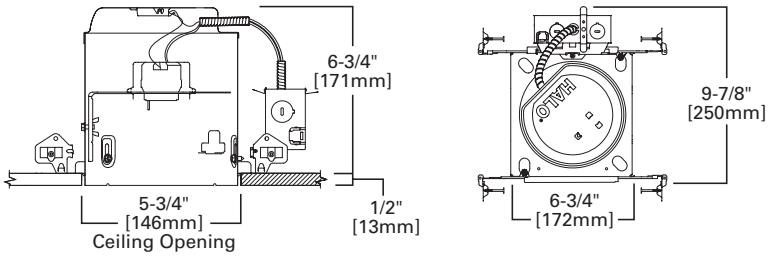
Thermal Protector
- Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

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*
- 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



E5ICAT

5" IC, Air-Tite, New Construction Housing

E26 Screw base housing

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

Special Features
All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged J-Box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Ordering Information

Sample Number: E5ICAT 5110WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

E5ICAT = 5" insulated ceiling, airtight recessed housing, new construction, 120V

Trims

Reflectors

5020 PAR Reflector
OD: 6-3/8" [162mm]
5020P=White Reflector and Trim
5020H=Haze Reflector, White Trim
5020SC=Clear Specular Reflector, White Trim
5020BL=Black Specular Reflector, White Trim
5020SN=Satin Nickel Reflector and Trim
5020TBZ=Tuscan Bronze Reflector and Trim

5021 Full Reflector
OD: 6-3/8" [162mm]
5021H=Haze Reflector, White Trim
5021SC=Specular Clear Reflector, White Trim
5021SN=Satin Nickel Reflector and Trim
5021TBZ=Tuscan Bronze Reflector and Trim

5107 Specular Reflector, Self-flange
OD: 6-5/8" [168mm]
5107SC=Specular Reflector, White Trim

5120 Full Cone, Self-flange
OD: 6-5/8" [168mm]
5120WH=White Reflector and Trim
5120SN=Satin Nickel Reflector and Trim
5120TBZ=Tuscan Bronze Reflector and Trim

5121 Shallow Full Cone, Self-flange
OD: 6-5/8" [168mm]
5121WH=White Reflector and Trim

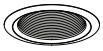
Baffles

5001 PAR Metal Baffle Splay
OD: 6-3/8" [162mm]
5001P=White Baffle and Trim
5001MB=Black Baffle, White Trim
5001SN=Satin Nickel Baffle and Trim
5001TBZ=Tuscan Bronze Baffle and Trim

5010 PAR Metal Step Baffle
OD: 6-3/8" [162mm]
5010W=White Baffle and Trim
5010=Black Baffle, White Trim

5014 Shallow Metal Baffle, Self-flange
OD: 6-3/8" [162mm]
5014P=White Baffle and Trim
5014MB=Black Baffle, White Trim

5016 Coilex® Baffle with Reflector and Torsion Springs
OD: 6-3/8" [162mm]
5016W=White Coilex Baffle and Trim
5016P=Black Coilex Baffle, White Trim



5102 Tapered Metal Baffle, Self-flange
OD: 6-3/8" [162mm]
5102WB=White Baffle and Trim
5102BB=Black Baffle, White Trim

5109 Coilex® Tapered Baffle, Self-flange
OD: 6-3/8" [162mm]
5109WB=White Plastic Straight Coilex Baffle and Trim
5109BB=Black Plastic Straight Coilex Baffle, White Trim
5109BKBB=Black Plastic Straight Coilex Baffle and Black Trim

5110 Perftex Baffle, Self-flange
OD: 6-3/4" [172mm]
5110WB=White Perftex Baffle and Trim
5110BB=Black Perftex Baffle, White Trim
5110BKBB=Black Perftex Baffle and Black Trim

5125 Full Cone Baffle, Self-flange
OD: 6-3/4" [172mm]
5125WB=White Baffle and Trim
5125BB=Black Baffle, White Trim

5126 Shallow Full Cone Baffle, Self-flange
OD: 6-3/4" [172mm]
5126WH=White Baffle and Trim
5126BB=Black Baffle, White Trim

Adjustable - Eyeballs & Gimbals

5060 PAR30 Adjustable Gimbal 20° Tilt, Self-flange
OD: 6-3/8" [162mm]
5060P=White Gimbal and Trim

5070 PAR30 Adjustable Eyeball 30° Tilt, Self-flange
OD: 6-3/4" [172mm]
5070P=White Eyeball and Trim
5070SN=Satin Nickel Eyeball and Trim
5070TBZ=Tuscan Bronze Eyeball and Trim

5071 PAR20 Adjustable Eyeball 30° Tilt, Self-flange
OD: 6-3/8" [162mm]
5071P=White Eyeball and Trim

5130 PAR30 Eyeball 35° Tilt, Self-flange
OD: 6-3/8" [162mm]
5130WH=White Eyeball and Trim

5135 PAR20 Eyeball 35° Tilt, Self-flange
OD: 6-3/8" [162mm]
5135WH=White Eyeball and Trim

5165 PAR30 Gimbal 25° Tilt, Self-flange
OD: 6-3/4" [172mm]
5165WH=White Gimbal and Trim
5165BK=Black Gimbal and Trim
5165SN=Satin Nickel Gimbal and Trim
5165TBZ=Tuscan Bronze Gimbal and Trim

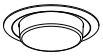
5222 Regressed PAR30 Adjustable, 35° Tilt, Self-flange
OD: 6-3/4" [172mm]
5222WB=White Baffle and Trim
5222BB=Black Baffle, White Trim
5222SC=Specular Clear Reflector, White Trim
5222H=Haze Reflector, White Trim

Lenses & Wet Location Showerlights

5051 Frosted Lens - Showerlight
OD: 6-3/8" [162mm]
5051PS=Frosted Glass Lens, White Trim

5054 Air-Tite Frosted Dome Lens - Showerlight
OD: 6-3/8" [162mm]
5054PS=Frosted Glass Dome, White Plastic Trim
5054SNS=Frosted Glass Dome, Satin Nickel Plastic Trim
5054TBZS=Frosted Glass Dome, Tuscan Bronze Plastic Trim

5150 Frost Dome Glass Lens, Self-flange - Showerlight
OD: 6-3/8" [162mm]
5150WH=Frost Dome Glass Lens with Reflector, White Plastic Trim
5150SN=Frost Dome Glass Lens with Reflector, Satin Nickel Plastic Trim
5150TBZ=Frost Dome Glass Lens with Reflector, Tuscan Bronze Plastic Trim



5162 Drop Opal Plastic Lens, Self-flange - Showerlight
OD: 6-3/8" [162mm]
5162WH=Drop Opal Plastic Lens with Reflector, White Plastic Trim

5230 Squircle Frost Lens, Metal Trim, Self-flange - Showerlight
OD: 6-3/4" [172mm]
5230AH=Frost Glass Lens, Aluminum Haze Squircle Trim
5230PN=Frost Glass Lens, Polished Nickel Squircle Trim
5230AH=Frost Glass Lens, Satin Nickel Squircle Trim
5230AH=Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curve Glass Lens, Self-flange - Showerlight
OD: 6-3/4" [172mm]
5255WH=Frost Curve Glass Lens with Reflector, White Plastic Trim
5255SN=Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Trim
5230TBZ=Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Trim

5145 Open Wet Location, Shallow Reflector, Self-flange - Showerlight*
OD: 6-3/4" [172mm]
5145WH=White Reflector and Trim
5145SN=Satin Nickel Reflector and Trim
5145TBZ=Tuscan Bronze Reflector and Trim

5146 Open Wet Location, Full Reflector, Self-flange - Showerlight*
OD: 6-3/4" [172mm]
5146WH=White Reflector and Trim
5146SN=Satin Nickel Reflector and Trim
5146TBZ=Tuscan Bronze Reflector and Trim

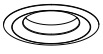
Open, Splay & Wall Wash

5000 PAR Metal Splay, Self-flange
OD: 6-3/8" [162mm]
5000P=White Splay and Trim
5000SN=Satin Nickel Splay and Trim
5000TBZ=Tuscan Bronze Splay and Trim

5175 Open, Wide, Self-flange
OD: 6-3/8" [162mm]
5175WH=White Trim
5175SN=Satin Nickel Trim
5175TBZ=Tuscan Bronze Trim

5176 Open, Wide with Fixed Socket Basket, Self-flange
OD: 6-3/8" [162mm]
5176WH=White Trim
5176SN=Satin Nickel Trim
5176TBZ=Tuscan Bronze Trim

5185 Open, Splay, Self-flange
OD: 6-3/8" [162mm]
5185WH=White Trim
5185SN=Satin Nickel Trim
5185TBZ=Tuscan Bronze Trim



5186 Splay with Fixed Socket Bracket, Self-flange
OD: 6-3/8" [162mm]
5186WH=White Trim
5186SN=Satin Nickel Trim
5186TBZ=Tuscan Bronze Trim

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

Powering Business Worldwide

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

c UL us LISTED
For use in Halo listed housings.

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

Description

The Halo E5 series consists of compact and efficient recessed housings optimized and listed for PAR20 and PAR30, EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. The Halo E5 housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings; with airtight code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor.
May be retrofit with HALO LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

Specification Features

Housing
- Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral Air-Tite gasket for code-required gasket between fixture and finished ceiling - seals aperture without need for additional caulk
- Shipped with socket overspray protector installed
- May be removed from the plaster frame to provide access to junction box

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
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness
- (2) Regressed locking screws for securing hanger bars
- Integral Air-Tite gasket seals housing and meets code-required gasket between fixture and finished ceiling

Includes:
Bar Hangers
All Nail!™
- Integral precisely positioned nail for engineered and natural framing
- Mini-foot leveling flange
- Integral T-Grid Clip, no accessory clips required

q-Channel bars with Pass-N-Thru™
- 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

Hinged junction box w/ Slide-N-Side™
- (4) ½" conduit pry-outs
- (3) Slide-N-Side™ Non-Metallic (NM) wire traps, allow wiring outside the box
- For 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian
- Hinged door for easy access
- Box is repositionable 90˚ on frame to avoid obstructions

Quick Connect™
- (3) Push wire nuts included, for speed & reliability
- Clear caps for wire connection visibility

cULus Listed
- Compact 16 in^3 volume
- Listed for max. (10) No. 12 AWG or (14) No. 14 AWG 90˚ C splice conductors in box

Air-Tite™ code compliant
- Certified under ASTM E283
- Exclusive gasket seals aperture, frame & ceiling
- No additional caulk required

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

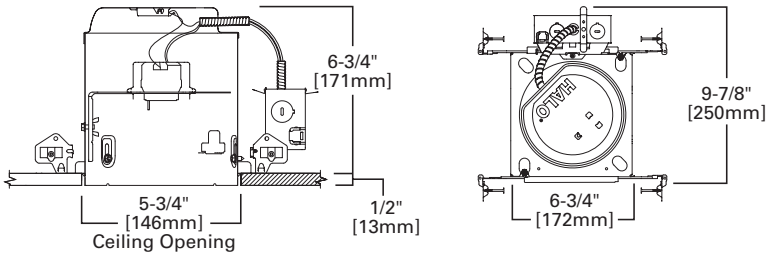
Thermal Protector
- Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

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*
- 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



E5ICAT

5" IC, Air-Tite, New Construction Housing

E26 Screw base housing

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

Special Features
All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged J-Box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Ordering Information

Sample Number: E5ICAT 5110WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

E5ICAT = 5" insulated ceiling, airtight recessed housing, new construction, 120V

Trims

Reflectors

5020 PAR Reflector
OD: 6-3/8" [162mm]
5020P=White Reflector and Trim
5020H=Haze Reflector, White Trim
5020SC=Clear Specular Reflector, White Trim
5020BL=Black Specular Reflector, White Trim
5020SN=Satin Nickel Reflector and Trim
5020TBZ=Tuscan Bronze Reflector and Trim

5021 Full Reflector
OD: 6-3/8" [162mm]
5021H=Haze Reflector, White Trim
5021SC=Specular Clear Reflector, White Trim
5021SN=Satin Nickel Reflector and Trim
5021TBZ=Tuscan Bronze Reflector and Trim

5107 Specular Reflector, Self-flange
OD: 6-5/8" [168mm]
5107SC=Specular Reflector, White Trim

5120 Full Cone, Self-flange
OD: 6-5/8" [168mm]
5120WH=White Reflector and Trim
5120SN=Satin Nickel Reflector and Trim
5120TBZ=Tuscan Bronze Reflector and Trim

5121 Shallow Full Cone, Self-flange
OD: 6-5/8" [168mm]
5121WH=White Reflector and Trim

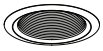
Baffles

5001 PAR Metal Baffle Splay
OD: 6-3/8" [162mm]
5001P=White Baffle and Trim
5001MB=Black Baffle, White Trim
5001SN=Satin Nickel Baffle and Trim
5001TBZ=Tuscan Bronze Baffle and Trim

5010 PAR Metal Step Baffle
OD: 6-3/8" [162mm]
5010W=White Baffle and Trim
5010=Black Baffle, White Trim

5014 Shallow Metal Baffle, Self-flange
OD: 6-3/8" [162mm]
5014P=White Baffle and Trim
5014MB=Black Baffle, White Trim

5016 Coilex® Baffle with Reflector and Torsion Springs
OD: 6-3/8" [162mm]
5016W=White Coilex Baffle and Trim
5016P=Black Coilex Baffle, White Trim



5102 Tapered Metal Baffle, Self-flange
OD: 6-3/8" [162mm]
5102WB=White Baffle and Trim
5102BB=Black Baffle, White Trim

5109 Coilex® Tapered Baffle, Self-flange
OD: 6-3/8" [162mm]
5109WB=White Plastic Straight Coilex Baffle and Trim
5109BB=Black Plastic Straight Coilex Baffle, White Trim
5109BKBB=Black Plastic Straight Coilex Baffle and Black Trim

5110 Perftex Baffle, Self-flange
OD: 6-3/4" [172mm]
5110WB=White Perftex Baffle and Trim
5110BB=Black Perftex Baffle, White Trim
5110BKBB=Black Perftex Baffle and Black Trim

5125 Full Cone Baffle, Self-flange
OD: 6-3/4" [172mm]
5125WB=White Baffle and Trim
5125BB=Black Baffle, White Trim

5126 Shallow Full Cone Baffle, Self-flange
OD: 6-3/4" [172mm]
5126WH=White Baffle and Trim
5126BB=Black Baffle, White Trim

Adjustable - Eyeballs & Gimbals

5060 PAR30 Adjustable Gimbal 20° Tilt, Self-flange
OD: 6-3/8" [162mm]
5060P=White Gimbal and Trim

5070 PAR30 Adjustable Eyeball 30° Tilt, Self-flange
OD: 6-3/4" [172mm]
5070P=White Eyeball and Trim
5070SN=Satin Nickel Eyeball and Trim
5070TBZ=Tuscan Bronze Eyeball and Trim

5071 PAR20 Adjustable Eyeball 30° Tilt, Self-flange
OD: 6-3/8" [162mm]
5071P=White Eyeball and Trim

5130 PAR30 Eyeball 35° Tilt, Self-flange
OD: 6-3/8" [162mm]
5130WH=White Eyeball and Trim

5135 PAR20 Eyeball 35° Tilt, Self-flange
OD: 6-3/8" [162mm]
5135WH=White Eyeball and Trim

5165 PAR30 Gimbal 25° Tilt, Self-flange
OD: 6-3/4" [172mm]
5165WH=White Gimbal and Trim
5165BK=Black Gimbal and Trim
5165SN=Satin Nickel Gimbal and Trim
5165TBZ=Tuscan Bronze Gimbal and Trim

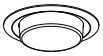
5222 Regressed PAR30 Adjustable, 35° Tilt, Self-flange
OD: 6-3/4" [172mm]
5222WB=White Baffle and Trim
5222BB=Black Baffle, White Trim
5222SC=Specular Clear Reflector, White Trim
5222H=Haze Reflector, White Trim

Lenses & Wet Location Showerlights

5051 Frosted Lens - Showerlight
OD: 6-3/8" [162mm]
5051PS=Frosted Glass Lens, White Trim

5054 Air-Tite Frosted Dome Lens - Showerlight
OD: 6-3/8" [162mm]
5054PS=Frosted Glass Dome, White Plastic Trim
5054SNS=Frosted Glass Dome, Satin Nickel Plastic Trim
5054TBZS=Frosted Glass Dome, Tuscan Bronze Plastic Trim

5150 Frost Dome Glass Lens, Self-flange - Showerlight
OD: 6-3/8" [162mm]
5150WH=Frost Dome Glass Lens with Reflector, White Plastic Trim
5150SN=Frost Dome Glass Lens with Reflector, Satin Nickel Plastic Trim
5150TBZ=Frost Dome Glass Lens with Reflector, Tuscan Bronze Plastic Trim



5162 Drop Opal Plastic Lens, Self-flange - Showerlight
OD: 6-3/8" [162mm]
5162WH=Drop Opal Plastic Lens with Reflector, White Plastic Trim

5230 Squircle Frost Lens, Metal Trim, Self-flange - Showerlight
OD: 6-3/4" [172mm]
5230AH=Frost Glass Lens, Aluminum Haze Squircle Trim
5230PN=Frost Glass Lens, Polished Nickel Squircle Trim
5230AH=Frost Glass Lens, Satin Nickel Squircle Trim
5230AH=Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curve Glass Lens, Self-flange - Showerlight
OD: 6-3/4" [172mm]
5255WH=Frost Curve Glass Lens with Reflector, White Plastic Trim
5255SN=Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Trim
5230TBZ=Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Trim

5145 Open Wet Location, Shallow Reflector, Self-flange - Showerlight*
OD: 6-3/4" [172mm]
5145WH=White Reflector and Trim
5145SN=Satin Nickel Reflector and Trim
5145TBZ=Tuscan Bronze Reflector and Trim

5146 Open Wet Location, Full Reflector, Self-flange - Showerlight*
OD: 6-3/4" [172mm]
5146WH=White Reflector and Trim
5146SN=Satin Nickel Reflector and Trim
5146TBZ=Tuscan Bronze Reflector and Trim

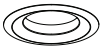
Open, Splay & Wall Wash

5000 PAR Metal Splay, Self-flange
OD: 6-3/8" [162mm]
5000P=White Splay and Trim
5000SN=Satin Nickel Splay and Trim
5000TBZ=Tuscan Bronze Splay and Trim

5175 Open, Wide, Self-flange
OD: 6-3/8" [162mm]
5175WH=White Trim
5175SN=Satin Nickel Trim
5175TBZ=Tuscan Bronze Trim

5176 Open, Wide with Fixed Socket Basket, Self-flange
OD: 6-3/8" [162mm]
5176WH=White Trim
5176SN=Satin Nickel Trim
5176TBZ=Tuscan Bronze Trim

5185 Open, Splay, Self-flange
OD: 6-3/8" [162mm]
5185WH=White Trim
5185SN=Satin Nickel Trim
5185TBZ=Tuscan Bronze Trim



5186 Splay with Fixed Socket Bracket, Self-flange
OD: 6-3/8" [162mm]
5186WH=White Trim
5186SN=Satin Nickel Trim
5186TBZ=Tuscan Bronze Trim

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

Powering Business Worldwide

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

c UL us LISTED
For use in Halo listed housings.

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