

LVR16-TH-SA

Low Voltage StopAire Downlight for New Construction

Specifications/Features

Housing/Mounting

New Construction housing for use in any type of ceiling application. Conforms to Washington State Energy Code (WSEC) for low air infiltration. StopAire rated for air-tight applications. Lamp housing is removable through ceiling aperture to access junction box. "Sure-grip" springs permit housing to be lowered and precisely adjust to ceiling thicknesses from 1/2" to 1-1/2". For insulated ceilings, maintain a 3" clearance around housing. Dual extension hanger bars span from 15" to 25-1/4" with reversible placement feature. Hanger bars may be extended to rest on T-bar grid.



Lamp/Electrical

(1) 50W 12V MR16, GU5.3 base.
Porcelain halogen socket with spring clip, rated 200°C.
Magnetic Class H transformer with Molex disconnect in J-box is fully dimmable with magnetic low voltage dimmers. Transformer has internal thermal protection.
J-box approved for through circuit wiring; (4) 1/2" knockouts, (2) 3/4" knockouts with spring latch access plates.
120V Transformer Ratings: Input: 120VAC, 60Hz, .54A, 65VA;
Output: 12VAC, 60Hz, 4.2A, 50W

Trims

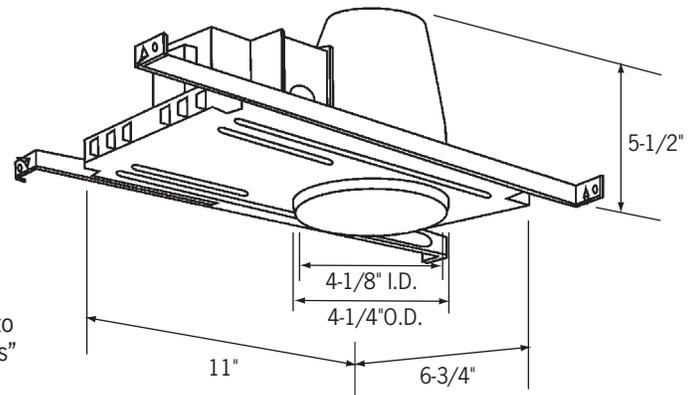
Baffle, multiplier, wall wash, accent and adjustable trim options available to suit a broad range of applications. See "4" Trims for Low Voltage Housings" specification sheet for details. On trims designed for use with MR16 lamps, ConTech Lighting provides a clear, tempered safety glass. This safety glass should only be used with open MR16 lamps, and not used with MR16 lamps that contain an integral glass lens.

Warranty

This fixture is covered by ConTech's full one (1) year replacement guarantee after date of purchase. Transformer has a one (1) year warranty.

Labels/Usage

cCSAus Certified. Suitable for damp locations.



Ceiling Opening: 4-3/8"
Max. Ceiling Thickness: 1-1/2"

Ordering Information

Example Order:

Housing/Voltage

LVR16-TH-SA - 120V/12V

Trims

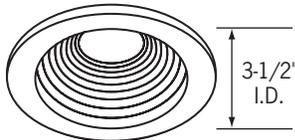
For Trims, see "Trims for 4" Low Voltage Recessed Housings" spec sheet.

Options

CTR18-P - LV Monopoint Adapter
HB-24 - 27" Flat Hanger Set
HBC-24 - 25" C-Channel Hanger Set
RL-KIT - Commercial Mounting Kit

Trims for 4" Low Voltage Recessed Housings

- Maximum lamp rating for most trim options: 50W 12V MR-16 lamp, GU5.3 base, unless noted.
- On recessed trims designed for use with MR16 lamps, ConTech Lighting provides a clear, tempered safety glass. This safety glass should only be used with open MR16 lamps, and not used with MR16 lamps that contain an integral glass lens. If use of MR16 with front glass is required, remove the factory provided clear tempered safety lens.
- All trims have white trim finish unless specified.
- All trims are cULus Listed and suitable for damp locations; only shower trims are listed for wet locations.



Baffled Downlight

Standard Trim, 5-1/2" O.D.

CTR1601-B

Adjustable Black Baffle, Black Trim Ring

CTR1601-P

Adjustable Black Baffle

CTR1601-P-WHT

Adjustable White Baffle

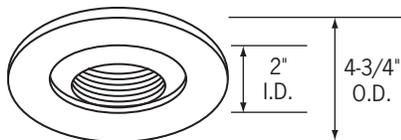
Cast Aluminum Trim, 5-1/8" O.D.

CTR1601-PA-WHT

Adjustable White Baffle

Deep baffle traps stray light and conceals lamp. May be used as downlight or adjustable accent light with 60° swing adjustment. Trim uses stepped lens holder design and can hold up to two (2) light controlling elements. 45mm lens on lower level of lamp seat, 50mm lens on higher level.

75W lamp may be used with LVR1675 housings.

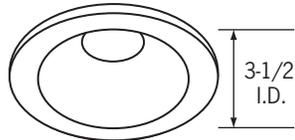


CTR1607-P-WHT

Adjustable Pin Spot, White Baffle

Low profile gimbal design for aiming flexibility. 35° swing adjustment. Trim uses stepped lens holder design and can hold up to two (2) light controlling elements. 45mm lens on lower level of lamp seat, 50mm lens on higher level.

75W lamp may be used with LVR1675 housings.



Adjustable Multiplier

Standard Trim, 5-1/2" O.D.

CTR1602-P-(BLK, CLR, PL, WHT)

White Trim Ring, Select Reflector Finish

CTR1602-B-BLK

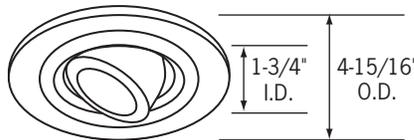
Black Trim Ring, Black Reflector

CTR1602-(ST, NK)-CLR

Select Metal Trim Finish, Clear Reflector

Multipliers utilizes a highly polished, specular reflector to maximize light intensity while concealing the light source. Offers the flexibility to be used as a downlight or adjustable accent light with 35° swing adjustment. Trim uses stepped lens holder design and can hold up to two (2) light controlling elements. 45mm lens on lower level of lamp seat, 50mm lens on higher level.

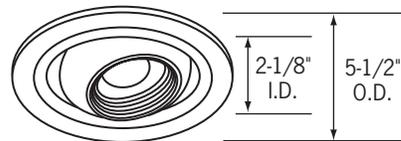
75W lamp may be used with LVR1675 housings.



CTR1606-(B, P)*

Surface Adjustable

45° Max. vertical and 359° rotational aiming. Die-cast aluminum construction. Front access for re-lamping. 50mm lens.

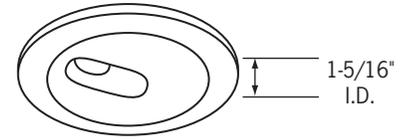


CTR1608-P

Black Baffled Eyeball

Up to 45° vertical aiming, 358° rotational adjustment. Black baffle provides excellent cutoff and lamp concealment. 45mm lens.

75W lamp may be used with LVR1675 housings.



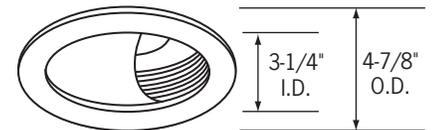
Slotted Wall Wash

Standard Trim, 5-1/2" O.D.

CTR1603-P

Slot aperture permits maximum beam area adjustment for either wall wash or concealed accent lighting effects. 50° swing adjustment, 358° rotation. 50mm lens.

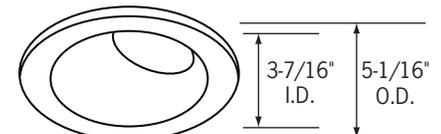
75W lamp may be used with LVR1675 housings.



CTR1613-P-WHT*

White Baffled Scoop Wall Wash

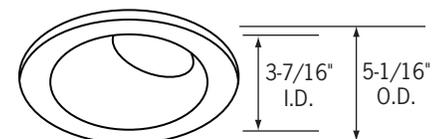
For even wall wash light distribution. 45mm Lens.



CTR1614-P-CLR*

Clear Reflector Angled Wall Wash

Adjustable lampholder; 55-75° aiming angle. 45mm lens.

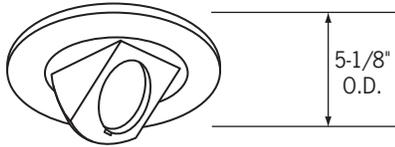


CTR1614CL-P-CLR*

Angled Wall Wash Shower Trim

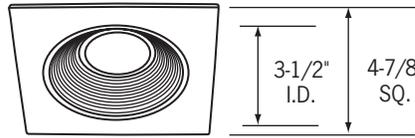
Die cast aluminum. Clear specular angled reflector. Adjustable lampholder; 55-75° aiming angle. Double neoprene gasketed. Clear glass lens. 45mm lens.

Trims for 4" Low Voltage Recessed Housings



CTR1624- (B, NK, P, ST)*1

Fully Adjustable Square in Round, Select Finish
 87° vertical and 359° rotation adjustment. Die-cast aluminum construction. Front access, spring latch lamp retainer ring (black finish). 47mm lens. Depth from ceiling: 2-1/2"



CTR1601SQ-B

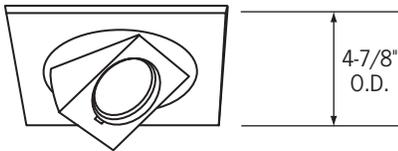
Adjustable Black Baffle, Black Trim

CTR1601SQ-WHT

Adjustable White Baffle, White Trim

Deep baffle traps stray light and conceals the lamp. May be used as a downlight or adjustable accent light
 15° Vertical swing, 45mm lens. Trim can hold up to two (2) lenses with stepped lens holder (included). Insert 45mm lens on lower level of lamp seat, insert 50mm lens onto higher level.

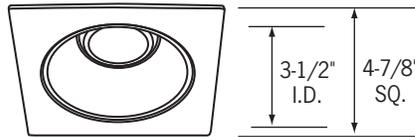
75W 12V MR-16 lamp, GU5.3 base max. lamp can be used with LVR1675-TH and LVR1675-TR housings only



CTR1629-P*1

Fully Adjustable Square/Square

87° vertical and 359° rotation adjustment. Die-cast aluminum construction. Front access, spring latch lamp retainer ring (black finish). 47mm lens. Depth From Ceiling: 2-5/8"



CTR1602SQ-P-WHT

Adjustable Multiplier; White Trim, White Reflector

Multipliers utilize a highly polished, specular reflector to maximize light intensity while concealing the light source. May be used as a downlight or adjustable accent light.

37° Vertical adjustment, 45mm lens. Trim can hold up to two (2) lenses with stepped lens holder (included). Insert 45mm lens on lower level of lamp seat, insert 50mm lens onto higher level.

75W 12V MR-16 lamp, GU5.3 base max. lamp can be used with LVR1675-TH and LVR1675-TR housings only

Reflector/Trim Finish Legend

All finishes are not available for all trims.

Reflector Finish Options:

- CLR** - Clear, Specular
- BLK** - Black, Specular
- WHT** - White Light, Specular
- PL** - Platinum, Matte

Trim Finish Options:

- P** - White
- B** - Black
- C** - Chrome
- NK** - Nickel
- S** - Silver UNLook
- CO** - Brushed Copper
- ST** - Brushed Stainless Steel

NOTE: Black finish retainer ring standard on adjustable trims. Order part number 1623/24 WHITE for white retainer ring. These fully adjustable trims will only accept one lens. If FA-16 45MM louver is required, remove the safety lens and use a front glass MR16 lamp. A series of 47mm tempered color or light controlling lenses may be used instead of the clear lens supplied.

*Order part number **SOCKET 1624/75** to convert trims for 75W housings.