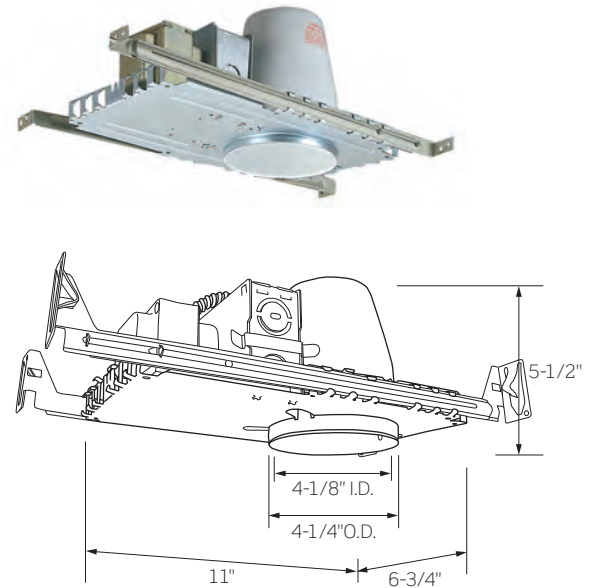


DATE	PROJECT	TYPE
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## LVR16-TH SERIES | 4-Inch Low Voltage New Construction Downlight

	LVR16-TH	LVR16-TH 277V
MAX LAMP	One (1) 12V 50W (Max.) MR16, GU5.3 Base	
DIMMING	Fully dimmable with Magnetic Low Voltage Dimmers	
TRANSFORMER RATING	INPUT	277VAC, 60Hz, .24A, 65VA
	OUTPUT	12VAC, 60Hz, 4.2A, 50W
CEILING OPENING	4-3/8-Inches	
MAX CEILING THICKNESS	1-1/2-Inch	
LISTINGS	cCSAus Certified; Suitable for Damp Locations Chicago Plenum Housings are CCEA Listed	
WARRANTY	Housing and Transformer have a one (1) year replacement guarantee after date of purchase	



### ORDERING INFORMATION

Example Order:

**Housing/Voltage**  
**LVR16-TH** - 120V/12V  
**LVR16-TH 277V** - 277V/12V

**Options**  
**RL-KIT** - Commercial Mounting Brackets  
**HB-24** - 27-Inch Flat Hanger Bars for RL-KIT  
**HBC-24** - 25-Inch C-Channel Hanger Bars for RL-KIT in Grid Ceiling Construction  
**CTR18-P** - LV Monopoint Adapter  
**CP** - Chicago Plenum

See “Trims for 4-Inch Low Voltage Downlights” Specification Sheet for compatible Trim information and details

### PRODUCT DETAILS

- New Construction Housing for use in any type of ceiling application
- For insulated ceilings, maintain a 3-inch clearance around Housing

#### Construction

- Sure-grip Springs permit housing to be lowered and precisely adjust to ceiling thicknesses from 1/2- to 1-1/2-inches
- Lamp Housing is removable through the ceiling aperture to access the Junction Box
- Magnetic Class H transformer with Molex Disconnect in Junction Box
- Junction Box is approved for through circuit wiring; four (4) 1/2-inch knockouts, two (2) 3/4-inch knockouts with Spring Latch Access Plates

- Dual extension Hanger Bars span from 15- to 25-1/4-inches with reversible placement feature
- Hanger Bars may be extended to rest on T-bar grid

#### Performance Summary

- Transformer is fully dimmable using Magnetic Low Voltage Dimmers
- Porcelain Halogen socket with Spring Clip rated 200°C
- Transformer has Internal Thermal Protection

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# LVR16 SERIES | Trims for 4-Inch Low Voltage Downlights

- All 4-inch Low Voltage Trims are cCSAus Certified and Suitable for Damp Locations; only Shower Trims are Wet Location Listed
- Max Lamp: 50W 12V MR-16 lamp, GU5.3 base, unless noted
- All Trims have White Trim finish unless specified
- For Trims designed for use with MR16 Lamps, ConTech Lighting provides a clear, Tempered Safety Glass Lens that should only be used with open MR16 Lamps; not with MR16 Lamps that contain an integral Glass Lens
- If use of MR16 with Front Glass is required, remove the factory provided Safety Lens; Lens should also be removed when using MR16 LED Lamps
- Consult factory for LED Lamp compatibility



**CTR1601-P-WHT**  
Adjustable White Baffle  
White Trim

### CTR1601 Series

*Adjustable Baffle*  
3-1/2" I.D., 5-1/2" O.D.

Deep Baffle traps stray light and conceals Lamp. May be used as Downlight or Adjustable Accent Light with 60° swing adjustment.

Trim can hold up to two (2) lenses with included Stepped Lens Holder: 45mm Lens on lower level 50mm Lens onto higher level.

A 75W Lamp may be used in LVR1675 housings. To convert trims, order the **1624 SOCKET-75W** Socket Replacement.



**CTR1602-P-CLR**  
Adjustable Multiplier:  
Clear Reflector, White Trim

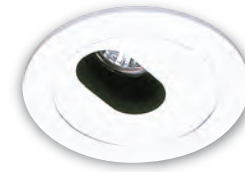
### CTR1602 Series

*Adjustable Multiplier*  
3-1/2" I.D., 5-1/2" O.D.

Highly polished Specular Reflector maximizes light intensity while concealing the light source. May be used as Downlight or Adjustable Accent Light with 35° swing adjustment.

Trim can hold up to two (2) lenses with included Stepped Lens Holder: 45mm Lens on lower level 50mm Lens onto higher level.

A 75W Lamp may be used in LVR1675 housings. To convert trims, order the **1624 SOCKET-75W** Socket Replacement.



**CTR1603-P**  
White Slotted Wall Wash

### CTR1603 Series

*Slotted Wall Wash*  
1-5/16" I.D., 5-1/2" O.D.

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

A 75W Lamp may be used in LVR1675 housings. To convert trims, order the **1624 SOCKET-75W** Socket Replacement.

**CTR1603-P** - White Slotted Wall Wash,  
Black Interior

Standard Trims: 5-1/2" OD

**CTR1601-B** - Black Baffle, Black Trim  
**CTR1601-P-WHT** - White Baffle, White Trim

Cast Aluminum Trim: 5-1/8" OD

**CTR1601-PA-WHT** - White Baffle

**CTR1602-B-BLK** - Black Refl., Black Trim

**CTR1602-P-BLK** - Black Refl., White Trim

**CTR1602-P-CLR** - Clear Refl., White Trim

**CTR1602-P-WHT** - White Refl., White Trim



**CTR1614-P-CLR**  
White Angled Wall Wash

### CTR1614 Series

*Angled Wall Wash*  
3-7/16" I.D., 5-1/16" O.D.

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

A 75W Lamp may be used in LVR1675 housings. To convert trims, order the **1624 SOCKET-75W** Socket Replacement.

**CTR1614-P-CLR** - Angled Wall Wash:  
Clear Reflector,  
White Trim

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# LVR16 SERIES | Trims for 4-Inch Low Voltage Downlights

- A Black finish Retaining Ring is standard on Adjustable Trims. For a White finish Retaining Ring, order part number **1623/24 WHITE**.
- These Adjustable Trims will only accept one (1) Lens:
  - If a 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.



**CTR1607-P-WHT**  
Adjustable White Pin Spot  
White Baffle & Trim

**CTR1607 Series**  
*Adjustable Pin Spot*  
2" I.D., 4-3/4" O.D.

Low profile gimbal design for aiming flexibility.  
35° Swing adjustment.

Trim can hold up to two (2) lenses with included  
Stepped Lens Holder: 45mm Lens on lower level  
50mm Lens onto higher level.

A 75W Lamp may be used in LVR1675 housings.  
To convert trims, order the **1624 SOCKET-75W**  
Socket Replacement.



**CTR1606-P**  
White Surface Adjustable

**CTR1606 Series**  
*Surface Adjustable*  
1-3/4" I.D., 4-15/16" O.D.

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

A 75W Lamp may be used in LVR1675 housings.  
To convert trims, order the **1624 SOCKET-75W**  
Socket Replacement.



**CTR1624-NK**  
Nickel Fully Adjustable  
Square in Round

**CTR1624 Series**  
*Fully Adjustable Square in Round*  
5-1/2" O.D.

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"

A 75W Lamp may be used in LVR1675 housings.  
To convert trims, order the **1624 SOCKET-75W**  
Socket Replacement.

**CTR1606-P** - White Surface Adjustable

**CTR1624-B** - Black  
**CTR1624-NK** - Nickel  
**CTR1624-P** - White

**CTR1607-P-WHT** - Adjustable Pin Spot,  
White Baffle & Trim