



VF Series Recessed

Precision Trim & Trimless Luminaires



VF Series Recessed

Precision Trim & Trimless Luminaires

Leading the industry once again

The VF Series by LF Illumination is “next level” recessed architectural lighting. This catalog collects three different types of recessed luminaires and offers them to the lighting designer as a precision toolkit to accomplish any lighting application that requires 4” recessed downlighting, accent, or wall wash.

VF100

Introduced as our first line of high-end downlighting, the VF100 offers a complete selection of fixture types including accent, wall wash, fixed downlights, and shower lights all in round or square 4” footprints. Available in hot aiming adjustment with center beam optics, the VF100 is “the standard” by which others are judged.

VF150

Conceived as a companion to the VF100 line, the VF150 offers a final installed look that is identical to VF100. The similarities end there. We moved the light source and aiming mechanisms from the trim to the housing. This allows us to be able to offer a wider range of LED sources as well as halogen and ceramic metal halide.

VF300

Our new VF300 series is a different animal all together. This product incorporates a trim aperture made of plaster. This offers the cleanest possible trimless installation with an undetectable transition to the ceiling. With a deep throat and 4” opening the VF300 offers excellent cut-off. VF300 is available with a fixed downlight or with a new adjustable gimbal that attached to the housing via rare earth magnet. This feature offers a two-position vertical positioning of the lamp as well as easy removal for relamping and maintenance.

Latest LED Technology

LF Illumination has worked with the foremost leaders in LED technology to bring exciting features to our products. [See pages 30-35](#) for details on our new LED offerings including:



Dynamic
LED Dimming



LED Color
Tuning modules

**LED LIGHT
ENGINE**

Advanced LED
and Accessories



VF100

Trim Based Adjustment & Aiming - LED / MR16 / CMHMR16



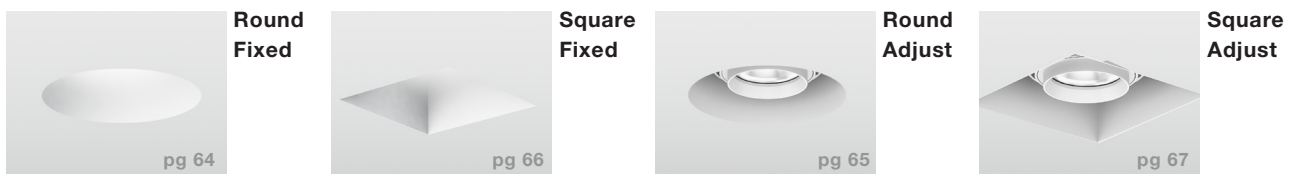
VF150

Housing Based Adjustment & Aiming - LED / MR16 / CMHMR16



VF300

Plaster Trimless Fixed or Adjustable - LED / MR16 / CMHMR16









VF100

Trim Based

Adjustment & Aiming

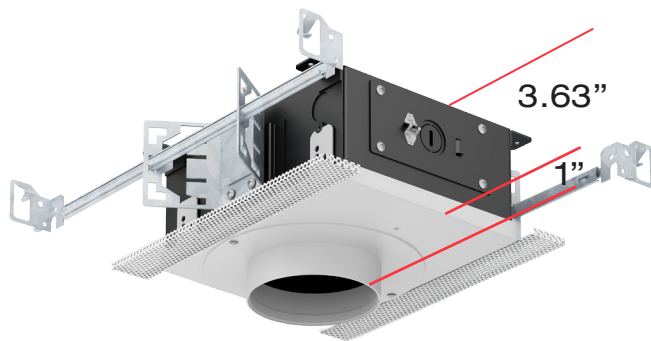
LED / MR16 / CMHMR16

The VF100 Series of recessed adjustable downlights and housings represent the pinnacle of innovation and design of small aperture recessed products for the architectural lighting industry. Backed by LF Illumination's 50+ years of combined experience and knowledge in this product field, these fixtures meet and exceed the needs of today's lighting designers and specifiers for small recessed fixtures that perform. The VF100 series is available in fixed or adjustable downlighting as well as wall wash fixture. All aiming and adjustment are done via mechanisms on the trim insert. Hot aiming and rotatable square fixtures are standard.





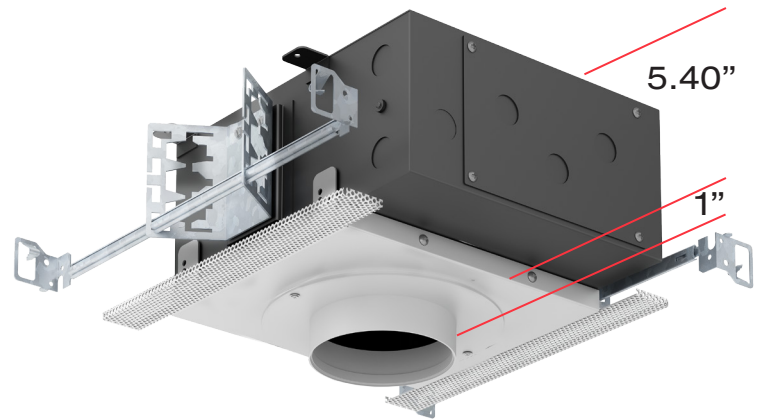
NEW CONSTRUCTION HOUSINGS - AIR-TIGHT / IC / TITLE 24



MINI HOUSING

- Shallow 3.63" height
- IC* / Air-Tight Rating
- California Title 24 compliant
- Round or square versions
- Trim or trimless
- Trimless with auto-adjusting mudding flange
- Integral power supply
- Butterfly brackets and hanger bars supplied

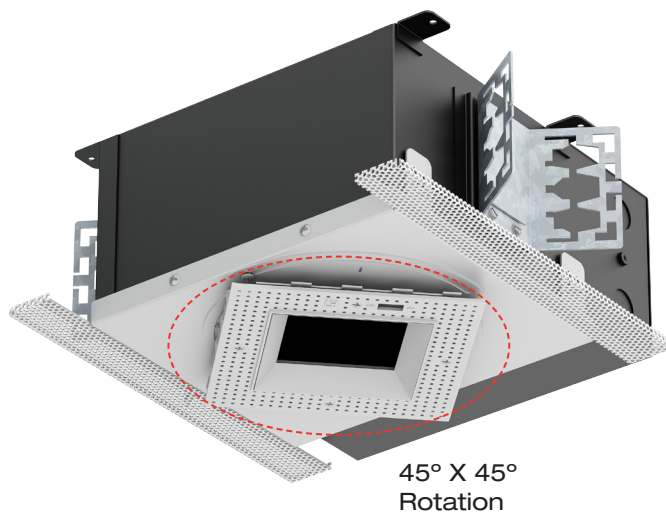
* Consult factory for IC maximum wattage



SMALL HOUSING

- IC* / Air-Tight Rating
- California Title 24 compliant
- Round or square versions
- Trim or trimless
- Trimless with auto-adjusting mudding flange
- Integral power supply
- Butterfly brackets and hanger bars supplied
- CEC Listed

* Consult factory for IC maximum wattage

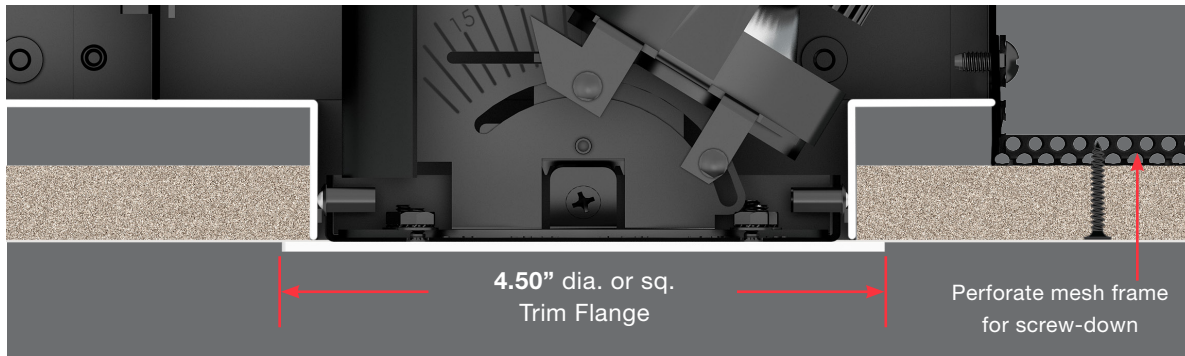


ADJUSTABLE SQUARE COLLAR

Recessed housings with square trims can sometimes be prone to sloppy installs which leave the square fixture not necessarily square with the rest of the environment. We have engineered a solution for this problem by making the collars on our square housings rotatable up to 45° in either direction, ensuring a perfectly square trim installation every time - even if the housing is not.

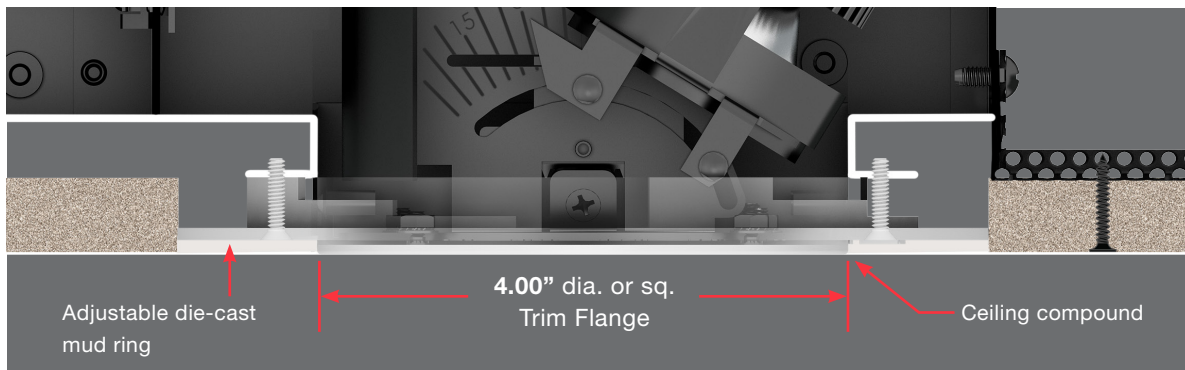
TWO METHODS OF INSTALLATION

Both Small and Mini VF100 housings are available in versions to accommodate trimmed or trimless fixtures.



TRIMMED INSTALLATION

For use with VF100 fixtures with 4.50" trim flange. This housing option includes an adjustable outer plaster frame made of perforated steel. This outer frame has adjustable attachment slots to accommodate ceiling thicknesses of 1/2", 5/8", 3/4" and 1". The perforated metal may be screwed into through the ceiling to further stabilize the installation.

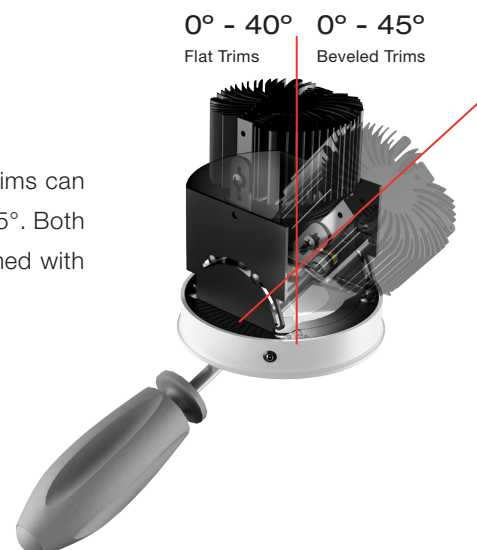


TRIMLESS INSTALLATION

The trimless housing option includes all of the features of the trimmed version with an added perforated mesh plate to allow the ceiling compound to be applied right to the edge of the housing aperture. VF100 trimless fixtures fit within the collar of the housing aperture for a totally flush installation.

HOT AIMING ON ADJUSTABLE TRIMS

Adjustable fixtures are offered in trim or trimless versions. The flat trims can adjust from 0° to 40° while the beveled may be adjusted from 0° to 45°. Both styles include HOT AIMING capability to enable the fixture to be aimed with an ordinary Phillips screwdriver while it is powered on.



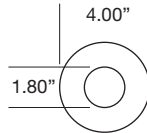
ROUND BEVELED TRIMLESS



- 4.00" round beveled die-cast aluminum trimless fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" round aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available

9411 / 9421 4" TRIMLESS

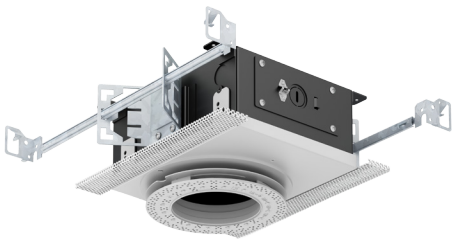
LED / MR16 / CMHMR16



| Cat# | LED Ordering Info | | | | Finish | Options |
|--|---|------------------------------|--|--|--|--|
| | LED Wattage / Type | CRI | Color | Beam | | |
| 9411 Round Beveled Trimless Fixed Position | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom | SHCL Clear lens Shower rated SHDL Diffusion lens Shower rated CL Clear lens DL Diffusion lens |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | | |
| | 9421 Round Beveled Trimless Adjustable | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | | |
| | 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | M Medium 28° | | |
| | 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | W Wide 42° | | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | | | | |

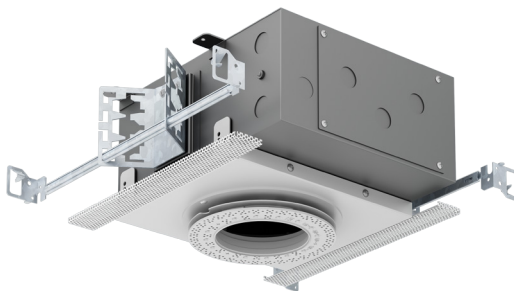
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFR-1AA-S



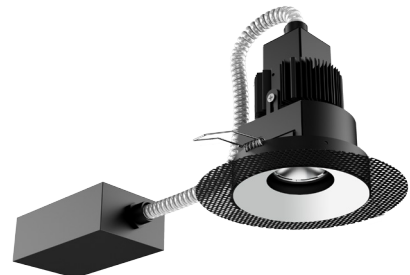
VF100 Round Trimless
Mini Size Housing

VFR-1BA-S



VF100 Round Trimless
Small Size Housing

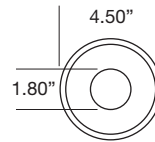
VFR-1AR-S



VF100 Round Trimless
Remodel Housing

ROUND BEVELED TRIMMED

- 4.50" round beveled die-cast aluminum trim fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" round aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available



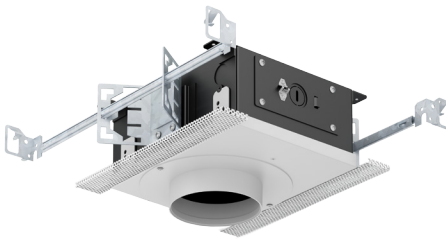
8411 / 8421
4.5" TRIMMED
 LED / MR16 / CMHMR16



| Cat# | LED Ordering Info | | | | Finish | Options |
|---|---|--|---|---|--|--|
| | LED Wattage / Type | CRI | Color | Beam | | |
| 8411 Round Beveled Trim Fixed Position | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom | SHCL Clear lens Shower rated SHDL Diffusion lens Shower rated CL Clear lens DL Diffusion lens |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | | |
| | 8421 Round Beveled Trim Adjustable | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | | |
| 14C 14W (1200lm Cree) | | 95 95CRI typ | 30 3000K 35 3500K 40 4000K | M Medium 28° W Wide 42° | | |
| 20C 20W (1600lm Cree) | | | | | | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | | | | |

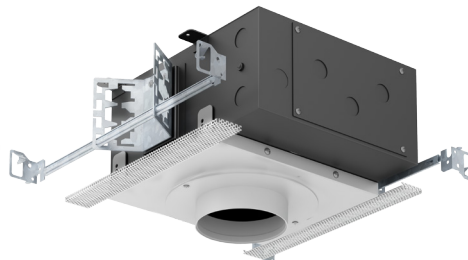
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFR-1AA-T



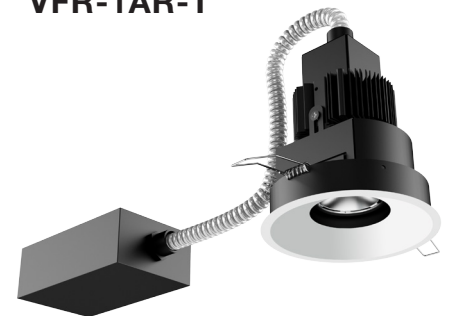
VF100 Round Trim
Mini Size Housing

VFR-1BA-T



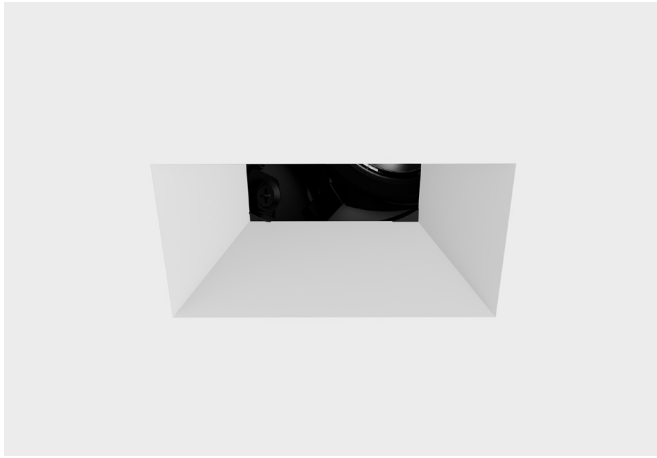
VF100 Round Trim
Small Size Housing

VFR-1AR-T



VF100 Round Trim
Remodel Housing

SQUARE BEVELED TRIMLESS

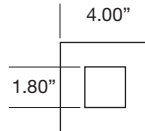


- 4.00" square beveled die-cast aluminum trimless fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" square aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available

9412 / 9422

4" TRIMLESS

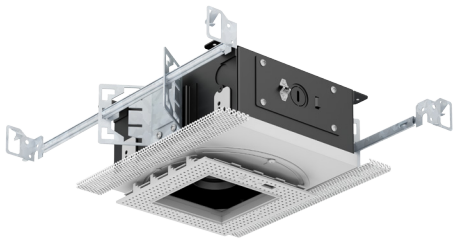
LED / MR16 / CMHMR16



| LED Ordering Info | | | | | | | |
|--|--|--|---|--|--|--|---|
| Cat# | LED Wattage / Type | CRI | Color | Beam | Finish | Options | |
| 9412 Square Beveled Trimless Fixed Position | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom | SHCL Clear lens Shower rated SHDL Diffusion lens Shower rated CL Clear lens DL Diffusion lens | |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | | | |
| | 9422 Square Beveled Trimless Adjustable | 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | | | N Narrow 16° M Medium 28° W Wide 42° |
| | 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | | | |

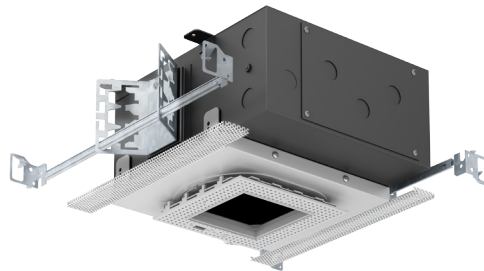
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFS-1AA-S



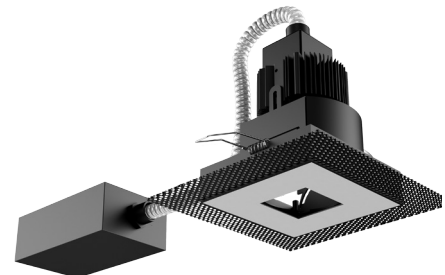
VF100 Square Trimless
Mini Size Housing

VFS-1BA-S



VF100 Square Trimless
Small Size Housing

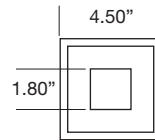
VFS-1AR-S



VF100 Square Trimless
Remodel Housing

SQUARE BEVELED TRIMMED

- 4.50" square beveled die-cast aluminum trim fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" square aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available



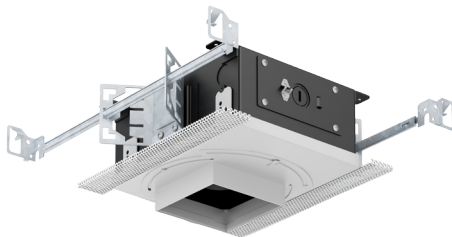
8412 / 8422
4.5" TRIMMED
 LED / MR16 / CMHMR16



| Cat# | LED Ordering Info | | | | Finish | Options |
|--|---|--|---|---|--|--|
| | LED Wattage / Type | CRI | Color | Beam | | |
| 8412 Square Beveled Trim Fixed Position | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom | SHCL Clear lens Shower rated SHDL Diffusion lens Shower rated CL Clear lens DL Diffusion lens |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | | |
| | 8422 Square Beveled Trim Adjustable | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | | |
| 14C 14W (1200lm Cree) | | 95 95CRI typ | 30 3000K | M Medium 28° | | |
| 20C 20W (1600lm Cree) | | | 35 3500K 40 4000K | W Wide 42° | | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | | | | |

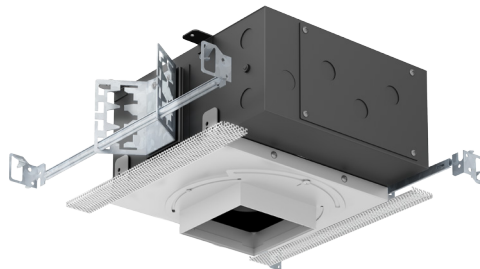
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFS-1AA-T



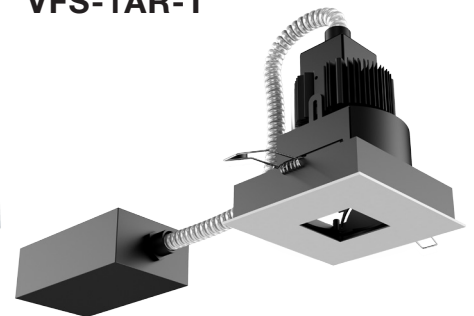
VF100 Square Trim
Mini Size Housing

VFS-1BA-T



VF100 Square Trim
Small Size Housing

VFS-1AR-T



VF100 Square Trim
Remodel Housing

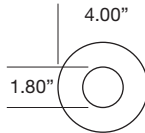
ROUND FLAT TRIMLESS



- 4.00" round flat die-cast aluminum trimless fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" round aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available

9011 / 9021
4" TRIMLESS

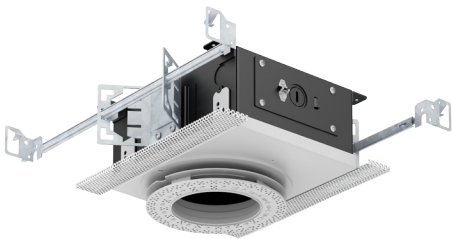
LED / MR16 / CMHMR16



| LED Ordering Info | | | | | | |
|--|---|--|---|---|--|--|
| Cat# | LED Wattage / Type | CRI | Color | Beam | Finish | Options |
| 9011 Round Flat Trimless Fixed Position | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom | SHCL Clear lens Shower rated SHDL Diffusion lens Shower rated CL Clear lens DL Diffusion lens |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | | |
| | 9021 Round Flat Trimless Adjustable | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | | |
| 14C 14W (1200lm Cree) | | 95 95CRI typ | 30 3000K 35 3500K 40 4000K | M Medium 28° W Wide 42° | | |
| 20C 20W (1600lm Cree) | | | | | | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | | | | |

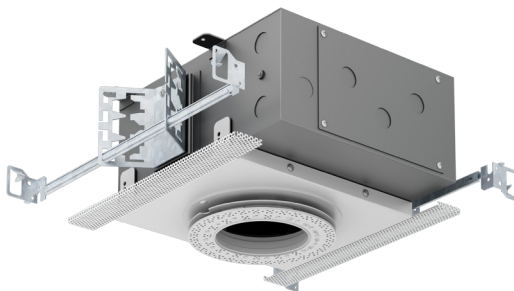
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFR-1AA-S



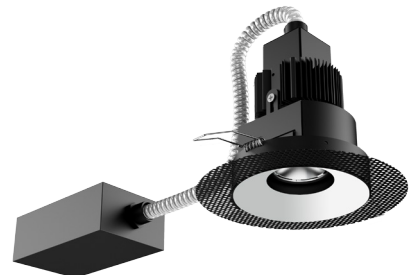
VF100 Round Trimless
Mini Size Housing

VFR-1BA-S



VF100 Round Trimless
Small Size Housing

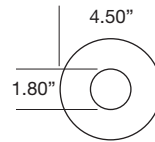
VFR-1AR-S



VF100 Round Trimless
Remodel Housing

ROUND FLAT TRIMMED

- 4.50" round flat die-cast aluminum trim fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" round aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available



8011 / 8021
4.5" TRIMMED

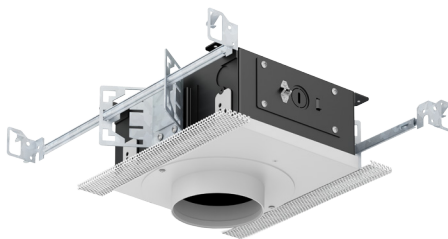
LED / MR16 / CMHMR16



| Cat# | LED Ordering Info | | | | | Finish | Options |
|---|---|--|---|---|--|--|---------|
| | LED Wattage / Type | CRI | Color | Beam | | | |
| 8011 Round Flat Trim Fixed Position | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom | SHCL Clear lens Shower rated SHDL Diffusion lens Shower rated CL Clear lens DL Diffusion lens | |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | | | |
| 8021 Round Flat Trim Adjustable | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° | SS Silver XX Custom | CL Clear lens DL Diffusion lens | |
| | 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | M Medium 28° | | | |
| | 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | W Wide 42° | | | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | | | |
| 16A 16W (860lm Bridgelux Class A - Special White) | | | | | | | |

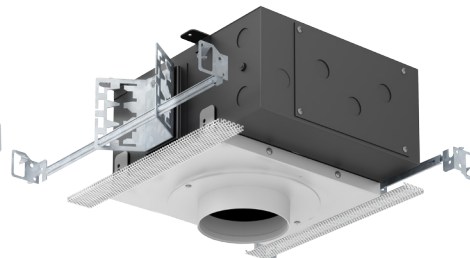
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFR-1AA-T



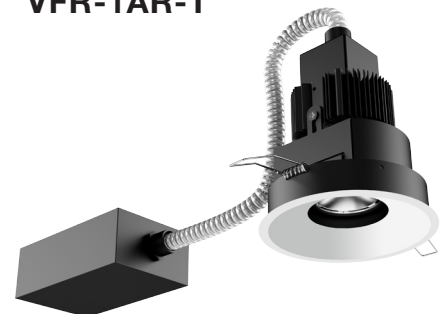
VF100 Round Trim
Mini Size Housing

VFR-1BA-T



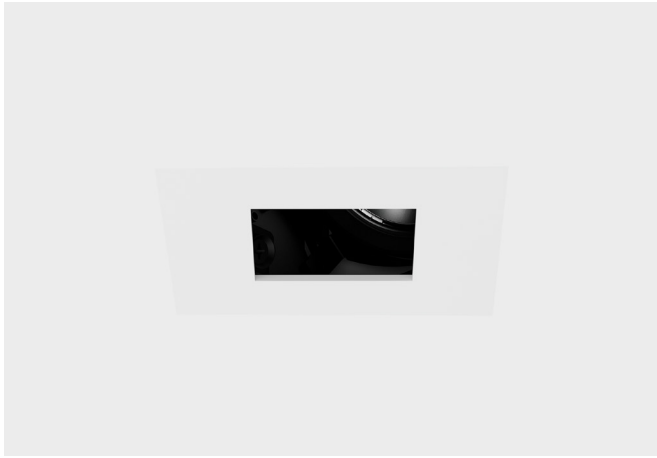
VF100 Round Trim
Small Size Housing

VFR-1AR-T



VF100 Round Trim
Remodel Housing

SQUARE FLAT TRIMLESS

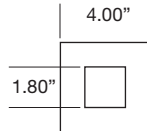


- 4.00" square flat die-cast aluminum trimless fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" square aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available

9012 / 9022

4" TRIMLESS

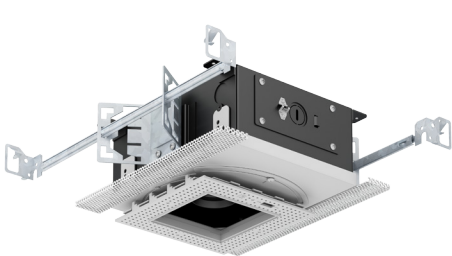
LED / MR16 / CMHMR16



| LED Ordering Info | | | | | | |
|---|--|--|---|--|--|--|
| Cat# | LED Wattage / Type | CRI | Color | Beam | Finish | Options |
| 9012 Square Flat Trimless Fixed Position | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom | SHCL Clear lens Shower rated SHDL Diffusion lens Shower rated CL Clear lens DL Diffusion lens |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | | |
| | 9022 Square Flat Trimless Adjustable | 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | | |
| | 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | | |

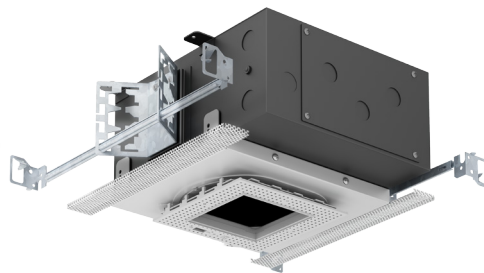
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFS-1AA-S



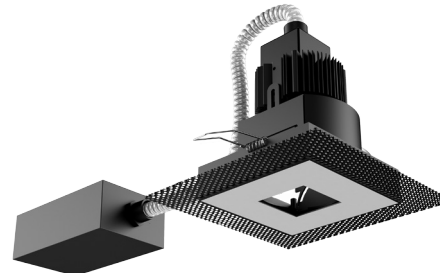
VF100 Square Trimless
Mini Size Housing

VFS-1BA-S



VF100 Square Trimless
Small Size Housing

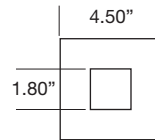
VFS-1AR-S



VF100 Square Trimless
Remodel Housing

SQUARE FLAT TRIMMED

- 4.50" square flat die-cast aluminum trim fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" square aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available



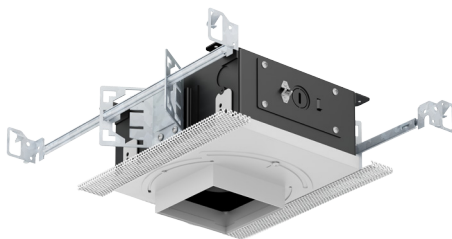
8012 / 8022
4.5" TRIMMED
 LED / MR16 / CMHMR16



| Cat# | LED Ordering Info | | | | Finish | Options |
|---|---|--|---|---|--|--|
| | LED Wattage / Type | CRI | Color | Beam | | |
| 8012 Square Flat Trim Fixed Position | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom | SHCL Clear lens Shower rated SHDL Diffusion lens Shower rated CL Clear lens DL Diffusion lens |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | | |
| | 8022 Square Flat Trim Adjustable | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | | |
| 14C 14W (1200lm Cree) | | 95 95CRI typ | 30 3000K 35 3500K 40 4000K | M Medium 28° W Wide 42° | | |
| 20C 20W (1600lm Cree) | | | | | | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | | | | |

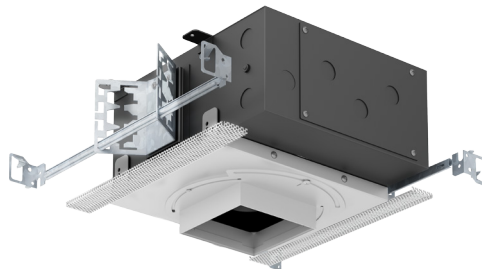
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFS-1AA-T



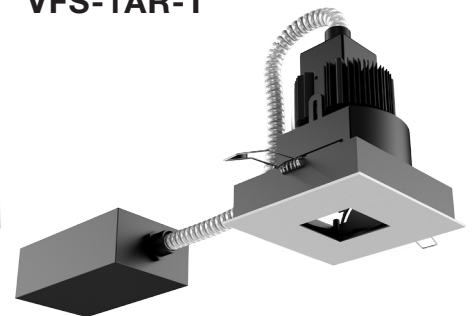
VF100 Square Trim
Mini Size Housing

VFS-1BA-T



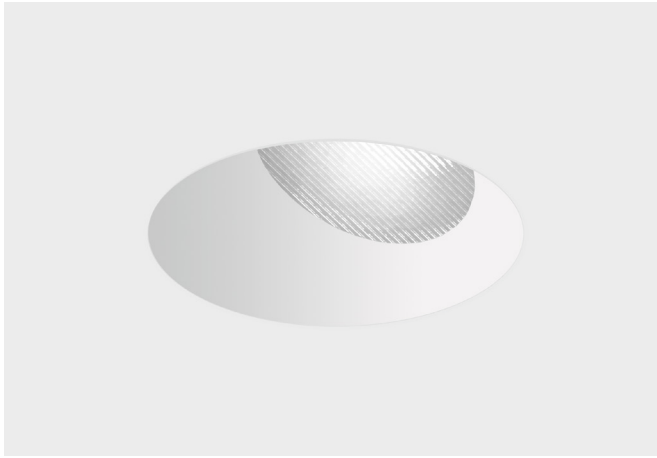
VF100 Square Trim
Small Size Housing

VFS-1AR-T



VF100 Square Trim
Remodel Housing

ROUND WALL WASH TRIMLESS

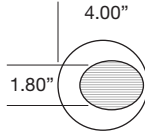


- 4.00" round die-cast wall wash trimless fixture
- 1.75" regress for greater cut-off
- Linear spread glass lens
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available

9431

4" TRIMLESS

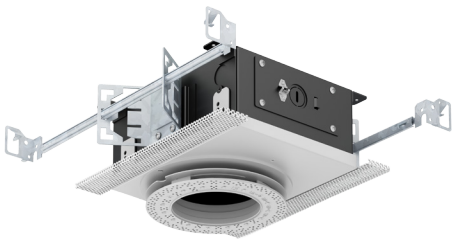
LED / MR16 / CMHMR16



| Cat# | LED Ordering Info | | | | Finish |
|--|--|--|---|---|--|
| | LED Wattage / Type | CRI | Color | Beam | |
| 9431 Fixed Wallwash Trimless 30° Fixed Tilt | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | |
| | 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | | | |

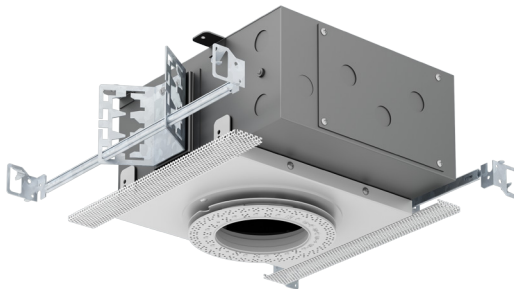
| MR16 / CMHMR16 Available Sources | |
|--|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts 039 39 Watts | CM16X MR16 Metal Halide |

VFR-1AA-S



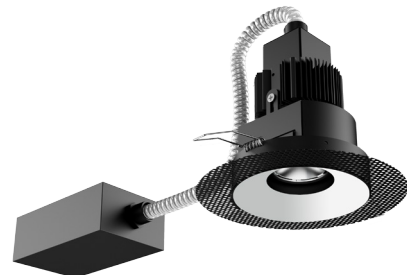
VF100 Round Trimless
Mini Size Housing

VFR-1BA-S



VF100 Round Trimless
Small Size Housing

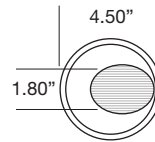
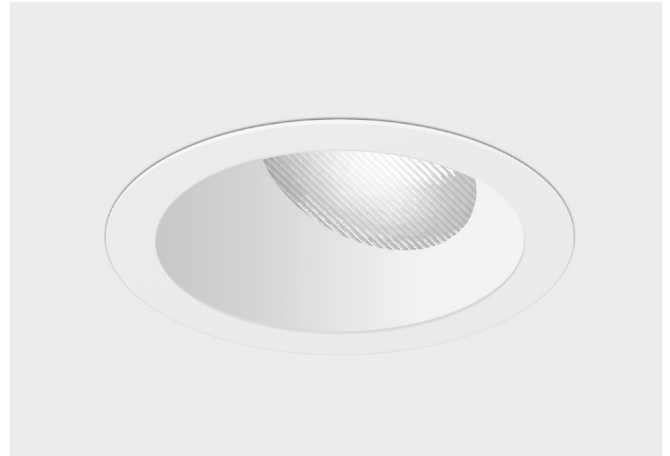
VFR-1AR-S



VF100 Round Trimless
Remodel Housing

ROUND WALL WASH TRIMMED

- 4.50" round die-cast wall wash trim fixture
- 1.75" regress for greater cut-off
- Linear spread glass lens
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available

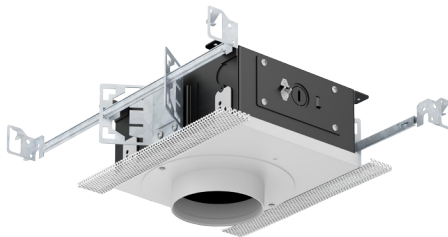


8431
4.5" TRIMMED
 LED / MR16 / CMHMR16

| Cat# | LED Ordering Info | | | | |
|---|---|---------------------|--|--|--------------------------------------|
| | LED Wattage / Type | CRI | Color | Beam | Finish |
| 8431 Fixed Wallwash Trimmed 30° Fixed Tilt | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | M Medium 28° | MW Matte White |
| | | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | W Wide 42° | SS Silver XX Custom |
| | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° | |
| | 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | M Medium 28° | |
| | 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | W Wide 42° | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | | W Wide 42° | |

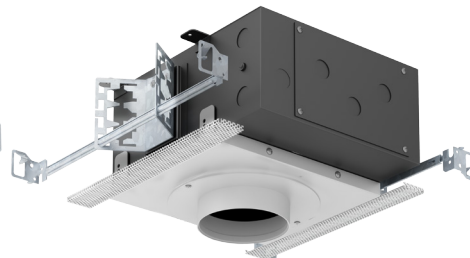
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFR-1AA-T



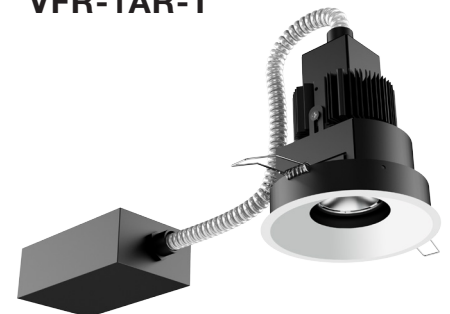
VF100 Round Trim
Mini Size Housing

VFR-1BA-T



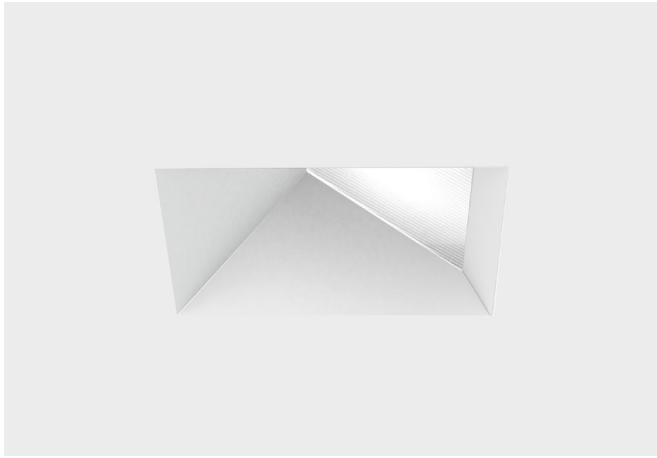
VF100 Round Trim
Small Size Housing

VFR-1AR-T



VF100 Round Trim
Remodel Housing

SQUARE WALL WASH TRIMLESS

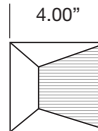


- 4.00" square die-cast wall wash trimless fixture
- 1.75" regress for greater cut-off
- Linear spread glass lens
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available

9432

4" TRIMLESS

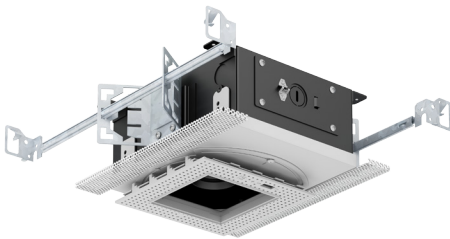
LED / MR16 / CMHMR16



| Cat# | LED Ordering Info | | | | Finish |
|--|--|--|---|---|--|
| | LED Wattage / Type | CRI | Color | Beam | |
| 9432 Fixed Wallwash Trimless 30° Fixed Tilt | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black MW Matte White SS Silver XX Custom |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | |
| | 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | M Medium 28° W Wide 42° | |

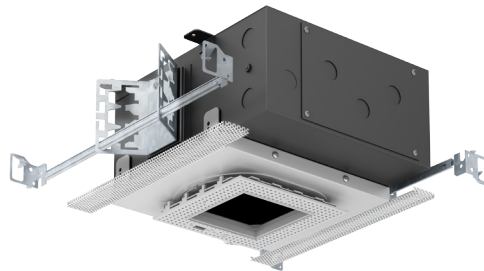
| MR16 / CMHMR16 Available Sources | |
|--|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts 039 39 Watts | CM16X MR16 Metal Halide |

VFS-1AA-S



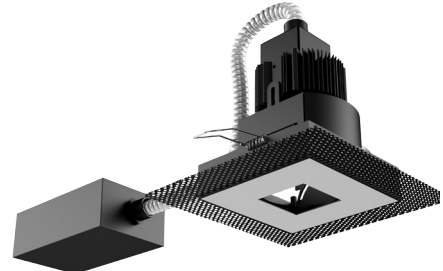
VF100 Square Trimless
Mini Size Housing

VFS-1BA-S



VF100 Square Trimless
Small Size Housing

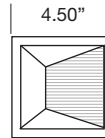
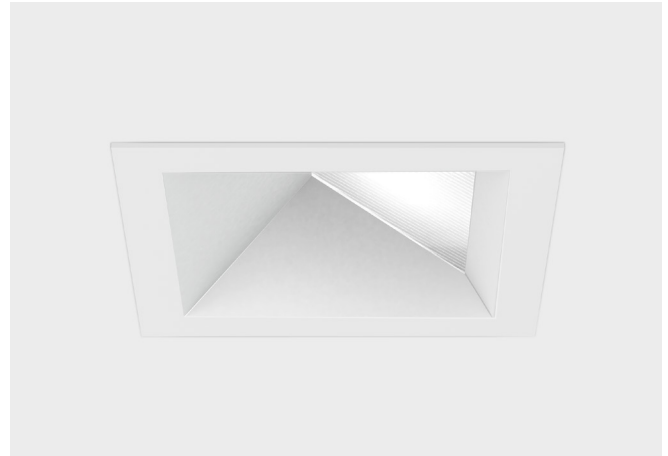
VFS-1AR-S



VF100 Square Trimless
Remodel Housing

SQUARE WALL WASH TRIMMED

- 4.50" square die-cast wall wash trim fixture
- 1.75" regress for greater cut-off
- Linear spread glass lens
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish
- Special finishes available



8432

4.5" TRIMMED

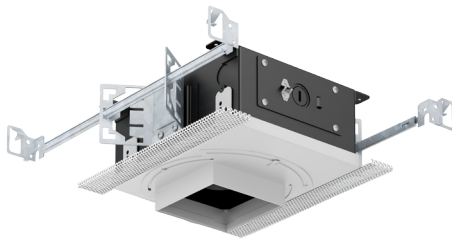
LED / MR16 / CMHMR16



| Cat# | LED Ordering Info | | | | |
|---|---|---------------------|--|---|--------------------------------------|
| | LED Wattage / Type | CRI | Color | Beam | Finish |
| 8432 Fixed Wallwash Trimmed 30° Fixed Tilt | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | MB Matte Black |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | M Medium 28° | MW Matte White |
| | | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | W Wide 42° | SS Silver XX Custom |
| | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° | |
| | 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | M Medium 28° | |
| | 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | W Wide 42° | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° | |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | | | |

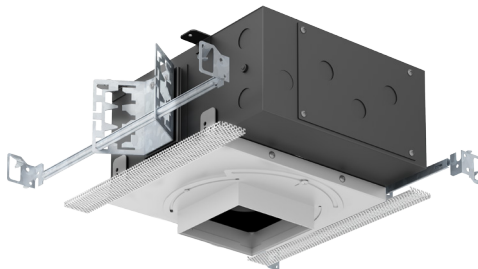
| MR16 / CMHMR16 Available Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

VFS-1AA-T



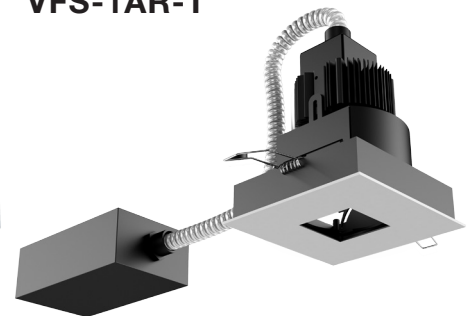
VF100 Square Trim
Mini Size Housing

VFS-1BA-T



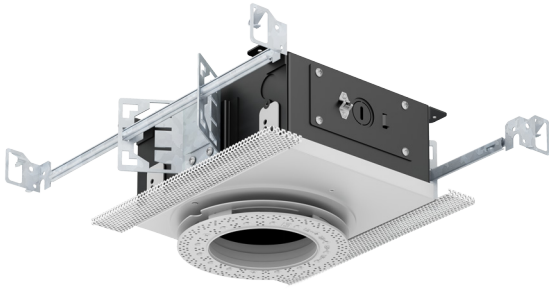
VF100 Square Trim
Small Size Housing

VFS-1AR-T

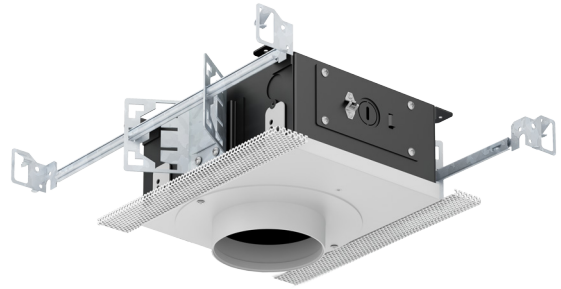


VF100 Square Trim
Remodel Housing

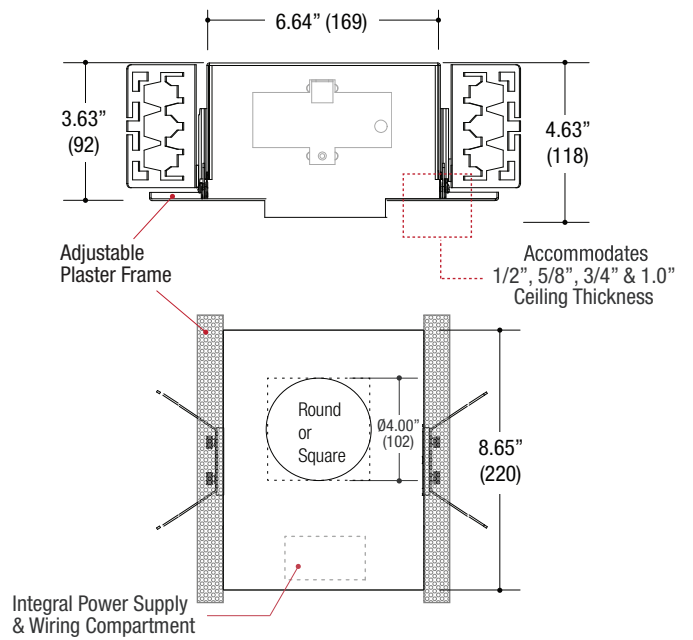
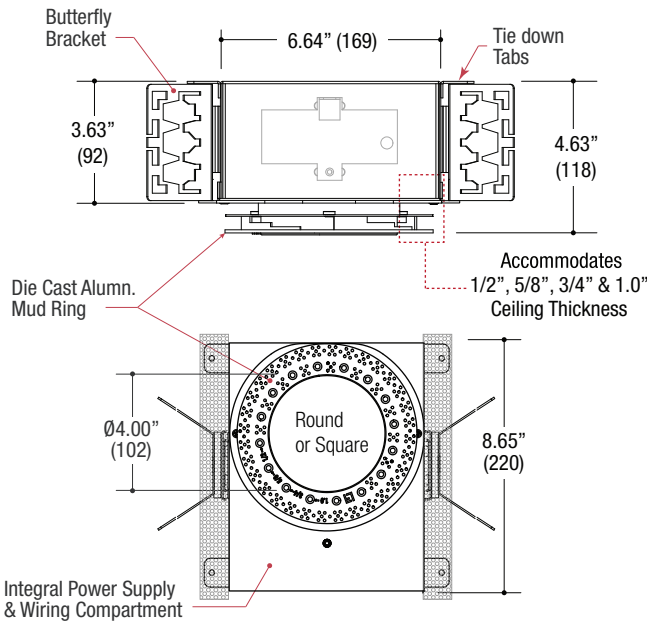
VF100 Mini Housings



TRIMLESS



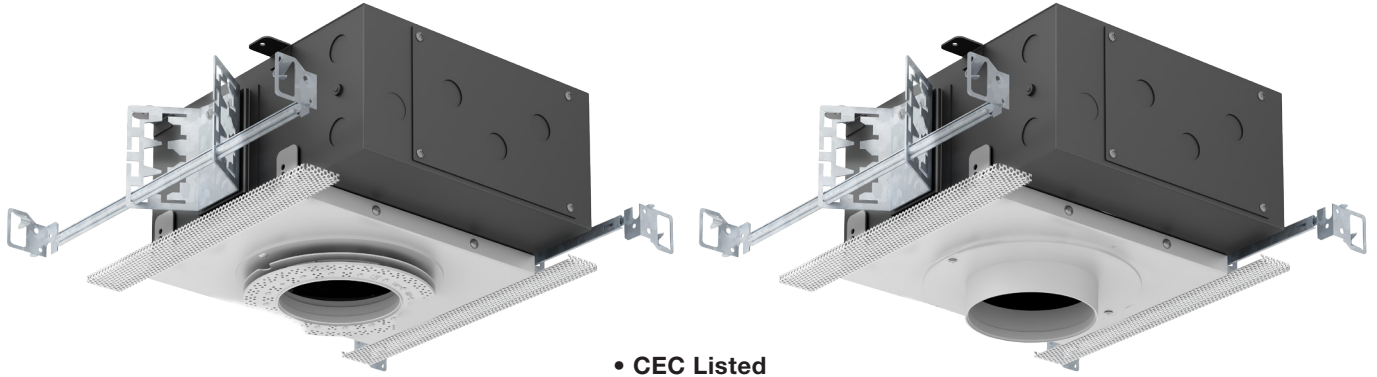
TRIMMED



| Housing | Lamp Quantity | Housing Size | Housing Type | Trim Type | LED Ordering Info | | | Voltage | Options |
|------------------------------|---------------|--------------|----------------|-------------------------|---|---|----------------------------------|-------------------------------------|---------|
| | | | | | LED Wattage | Power Supply | | | |
| VFR Round Housing | 1 1 - Light | A Mini | A Air-Tight NC | S Trimless T Trimmed | 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | LD LED Driver D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver | 1 120 U 120-277 | IC Insulated Ceiling 20W Max | |
| VFS Square Housing | | | | | | | | | |

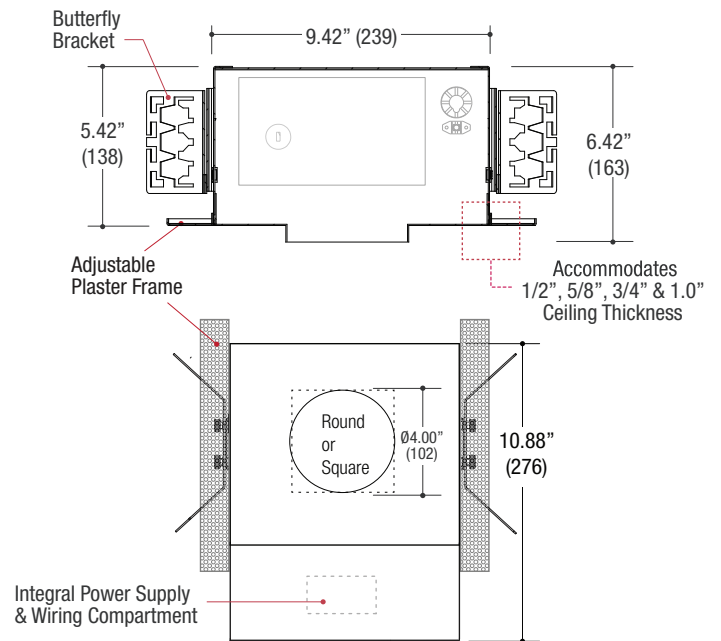
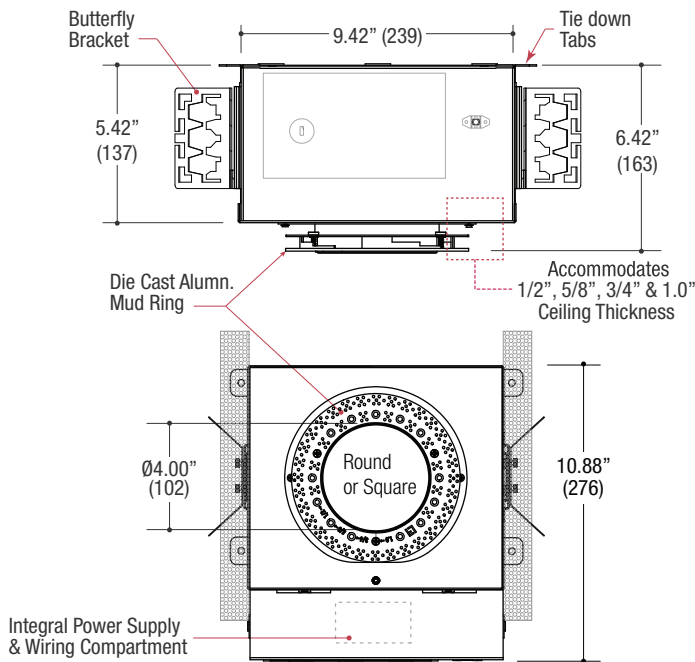
| MR16 / CMHMR16 Ordering Info | | |
|------------------------------|--------------------------------|---------------------|
| Lamp Wattage | Source | Power Supply |
| 015 15 Watts | MR16X MR16 LED Retrofit | ET Elec Xfmr |
| 020 20 Watts | MR16X MR16 Halogen | MT Mag Xfmr |
| 037 37 Watts | | |
| 050 50 Watts | | |





TRIMLESS

TRIMMED

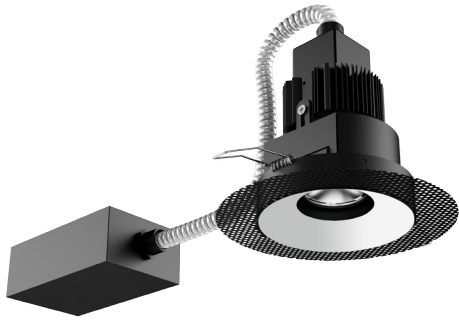


| | | | | | | LED Ordering Info | | | |
|-------------------------|---------------|--------------|-------------------|-------------------------|---|---|----------------------------------|---|--|
| Housing | Lamp Quantity | Housing Size | Housing Type | Trim Type | LED Wattage | Power Supply | Voltage | Options | |
| VFR Round Housing | 1 1 - Light | B Small | A Air-Tight NC | S Trimless T Trimmed | 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | LD LED Driver D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver D3 Lutron Hi-lume 1% Forward Phase Dimming Driver (120V only)** D4 Lutron Hi-lume 1% Eco-system or 3-Wire Dimming Driver** D5 Lutron Eco-5% Eco-System Dimming Driver** | 1 120 U 120-277 | IC Insulated Ceiling 37W Max | |

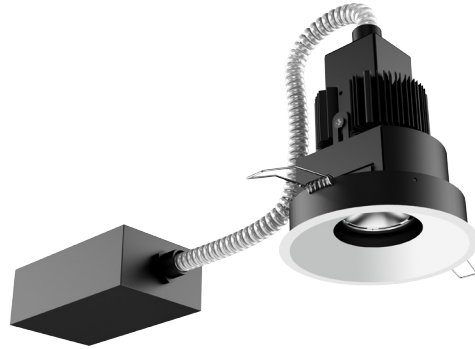


| MR16 / CMHMR16 Ordering Info | | |
|------------------------------|---|---------------------------|
| Lamp Wattage | Source | Power Supply |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen | ET Elec Xfmr |
| 020 20 Watts | | MT Mag Xfmr |
| 037 37 Watts | | TT Toroid Xfmr |
| 050 50 Watts | | |
| 020 20 Watts | CM16X MR16 Metal Halide | EB Elec MH Ballast |
| 039 39 Watts | | |

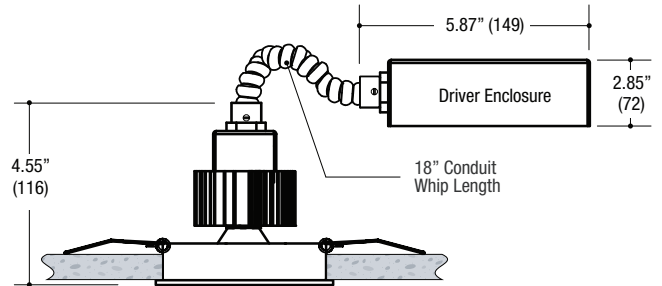
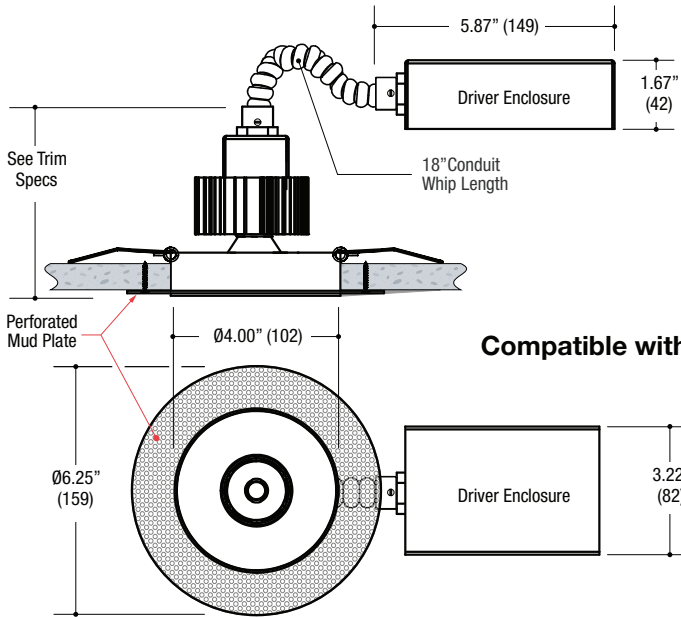
VF100 Remodel Housing



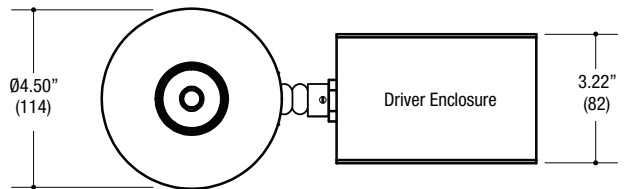
TRIMLESS



TRIMMED



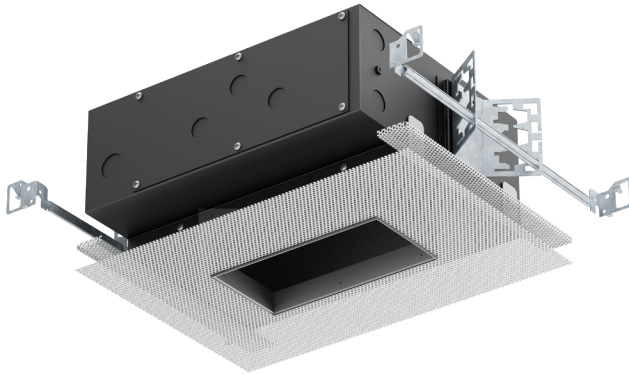
Compatible with round or square trims



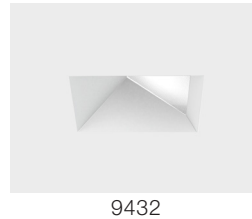
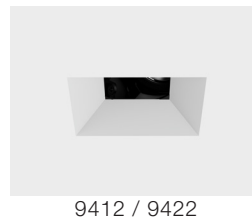
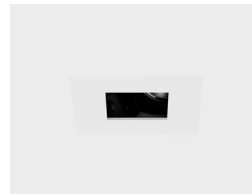
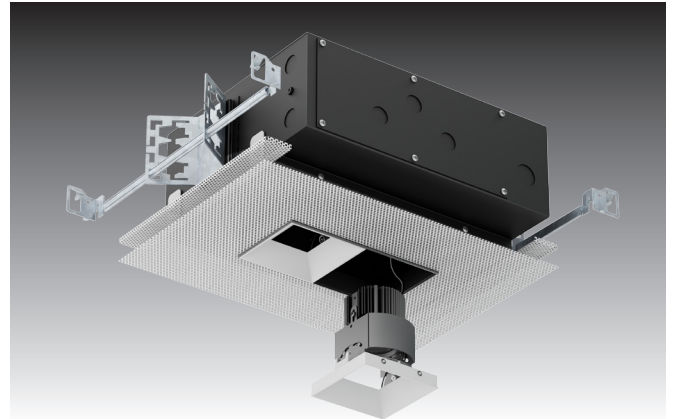
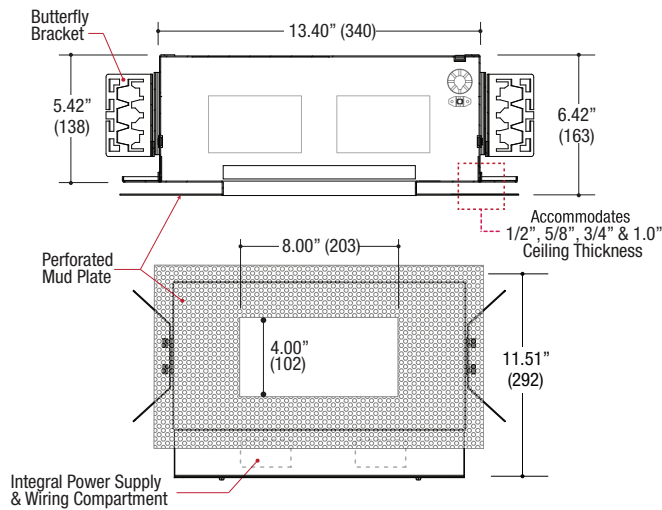
| Housing | Lamp Qty | Housing Size | Housing Type | Trim Type | LED Ordering Info | | | |
|--------------------|----------|--------------|--------------|-------------------------|---|---|----------------------------------|--|
| | | | | | LED Wattage | Power Supply | Voltage | |
| VFR Round Housing | 1 | A Mini | R Remodel | S Trimless T Trimmed | 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | LD LED Driver D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver D3 Lutron Hi-lume 1% Forward Phase Dimming Driver (120V only) D4 Lutron Hi-lume 1% Eco-system or 3-Wire Dimming Driver D5 Lutron Eco-5% Eco-System Dimming Driver | 1 120 U 120-277 | |
| VFS Square Housing | | | | | MR16 / CMHMR16 Ordering Info | | | |
| | | | | | Lamp Wattage | Source | Power Supply | |
| | | | | | 015 15 Watts | MR16X MR16 LED | ET Elec Xfmr | |
| | | | | | 020 20 Watts | Retrofit | MT Mag Xfmr | |
| | | | | | 037 37 Watts | MR16X MR16 Halogen | TT Toroid Xfmr | |
| | | | | | 050 50 Watts | | | |
| | | | | | 020 20 Watts | CM16X MR16 Metal | EB Elec MH Ballast | |
| | | | | | 039 39 Watts | Halide | | |



VF100 2-Light Housing



TRIMLESS



The VF100 Series small housing is also available in a two-light version. This is the same as our standard small housing except with a rectangular opening to accept two of our square trimless inserts. This opens up new possibilities for the designer to integrate multi-lamp functionality while keeping a consistent look and feel with the rest of the VF100 family of downlights and wall washers. Any two of the trims shown here may be combined in one housing.

| Housing | Lamp Qty | Housing Size | Housing Type | Trim Type | LED Ordering Info | | Voltage | Options | |
|--------------------|-------------|--------------|----------------|------------|---|--|--|-------------------------------------|--|
| VFS Square Housing | 2 2 - Light | B Small | A Air-Tight NC | S Trimless | LED Wattage 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | Power Supply LD LED Driver D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver D3 Lutron Hi-lume 1% Forward Phase Dimming Driver (120V only) D4 Lutron Hi-lume 1% Eco-system or 3-Wire Dimming Driver D5 Lutron Eco-5% Eco-System Dimming Driver | 1 120 U 120-277 | IC Insulated Ceiling 22W Max | |
| | | | | | MR16 / CMHMR16 Ordering Info | | | | |
| | | | | | Lamp Wattage 015 15 Watts 020 20 Watts 037 37 Watts 050 50 Watts 020 20 Watts 039 39 Watts | Source MR16X MR16 LED Retrofit MR16X MR16 Halogen CM16X MR16 Metal Halide | Power Supply ET Elec Xfmr MT Mag Xfmr TT Toroid Xfmr EB Elec MH Ballast | | |









VF150

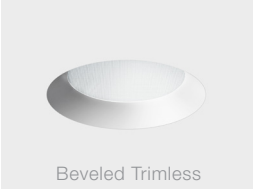
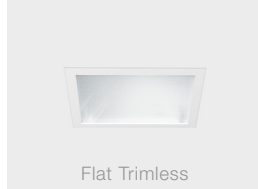

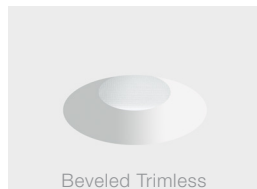
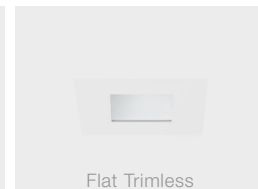
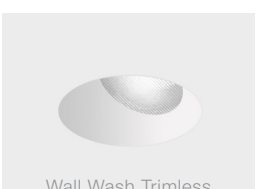
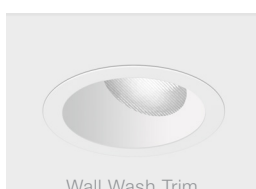
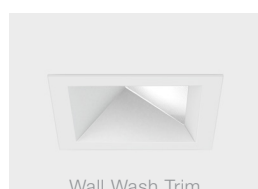
Housing Based

Adjustment & Aiming

LED

MR16 / CMHMR16

Continuing in the tradition of our VF100 series is the new VF150. This series moves the adjustment and aiming equipment from the trim insert into the housing. Both fixed and adjustable housings are available. The housings for square fixtures have a rotatable plaster frame to accommodate precision alignment after the housing is installed. All aiming and adjustment are done via mechanisms inside the fixture housing. Hot aiming is standard. Beveled and Flat fixtures are available in large or small apertures. Wall wash is also available.

| | | | | |
|----------------|---|---|--|---|
| Large Aperture |  Beveled Trimless 9701 |  Beveled Trimless 9702 |  Flat Trimless 9801 |  Flat Trimless 8802 |
| Large Aperture |  Beveled Trim 8701 |  Beveled Trim 8702 |  Flat Trim 8801 |  Flat Trim 8802 |
| Small Aperture |  Beveled Trimless 9601 |  Beveled Trimless 9602 |  Flat Trimless 9901 |  Flat Trimless 9902 |
| Small Aperture |  Beveled Trim 8601 |  Beveled Trim 8602 |  Flat Trim 8901 |  Flat Trim 8902 |
| Small Aperture |  Wall Wash Trimless 9631 |  Wall Wash Trimless 9632 |  Wall Wash Trim 8631 |  Wall Wash Trim 8632 |

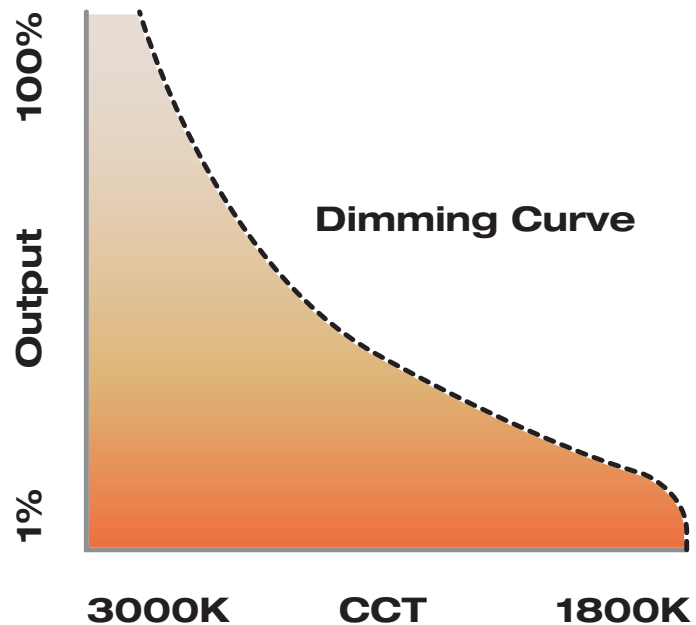


LED Dynamic Dimming



VF150 and LumaDIM™ together provide a whole new level of choice for light output with fully adjustable color control

LumaDIM™ Dynamic Dimming Modules mix five strings of LEDs to deliver tunable white light that warms as it dims at 90+ CRI and color consistency of <2 step MacAdam ellipses. Delivered light dims from 3000K at full intensity to 1800K at 1% intensity, in increments of 1%. LumaDIM™ modules integrate the driver electronics for precise control of current and PWM inputs and LED light output while dimming. The color accurately matches the natural phenomena of a 50W halogen lamp when dimmed. On board closed loop thermal feedback compensates each color channel for thermally induced variations due to changes in CCT, dimming or ambient temperatures. On board closed loop optical feedback measures the lumen depreciation of each channel and re-balances the color model to ensure color consistency over the 50,000 hour life of the module. LumaDIM™ Dynamic Dimming Modules are compatible with traditional 0 - 10V wired controls, and Lutron® Ecosystem® using the optional Digital Control Adapter.



We now offer the ability to change the color temperature of the source as it is dimmed. The VF100 can warm from 3000K at full output to a cozy 1800K at low output allowing the same fixture to provide the ambiance of both halogen and candlelight.

LED Dynamic Dimming

3000K @ 100%



1800K @ 1%
3000K @ 100%



LED Color Tuning



**VF Series and LumaTUNE™
LED Color Tuning modules that
deliver tunable and dimmable
white light at 90+ CRI**



LumaTUNE™ LED Color Tuning modules also operates in the RGB spectrum providing control of Hue, Saturation, CCT, & dimming.



Our LumaTUNE™ Color Tuning Modules mix five color strings of LEDs to deliver tunable and dimmable white light at 90+ CRI and color consistency of <2 step MacAdam ellipse across a tuning range of 1650 - 4000K. Light can be dimmed from 100 - 1% while maintaining constant CCT. LumaTUNE™ modules integrate the driver electronics for precise control of LED light output while tuning and dimming. On board closed loop thermal feedback compensates each color channel for thermally induced variations in optical output due to tuning, dimming or ambient temperatures. On board closed loop optical feedback measures the lumen depreciation of each channel and re-balances the color model to ensure color consistency over the 50,000 hour life of the module. LumaTUNE™ Color Tuning Modules are compatible with traditional 0 - 10V wired controls, and digital protocols including Lutron® Ecosystem®, DALI and DMX using the optional Digital Control Adapter. For simple deployment, SceneSet® allows up to five scenes to be pre-programmed into the module during production and recalled at the venue using a 0 - 10V controller. Commissioning of the module and re-programming of Scenaset® is done via Bluetooth with an iOS app or via the wireless Light Commissioning Tool.



LED Optical Light Engine



Light Engine
2" or 4" Diam.
9° Narrow Spot



Prismatic Spread
25°, 36°, or 60°



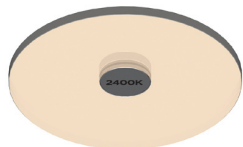
Linear Spread
10° - 25°
10° - 36°



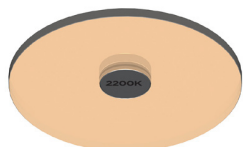
Flat Top Spread
25° x 25°
36° x 36°



CCT Shifter
CTO 1/4



CCT Shifter
CTO 1/2



CCT Shifter
CTO 3/4



Louver
40° Cut-off

With Soraa's LED Optical Light Engine and Snap System, we are bringing the next generation of LED light performance to our products

Optical Light Engine

Soraa has developed an optical system that is optimized around its breakthrough GaN-on-GaN™ LED technology. The result is directional light with near perfect light distribution. Perfectly uniform in color, with smooth artifact free transitions. Delivering intensity that is normally associated with a substantially larger diameter source. Beam angles range from narrow spot to flood. With a CRI of 95, an R9 of 95 and natural white rendering, colors and whites look rich and natural. Offered in CCTs from 2,700K to 5,000K the right ambiance can be found for any space.

SNAP System™

The Snap System is the first LED lamp/accessory solution that is optimized to work as an integrated system. Based on high brightness single source GaN on GaN™ LED technology, it completely redefines accessory application. The effects that can be achieved are similar to what can be done with halogen sources, but are enabled by a relatively low operating temperature and ground-breaking optical design, materials, and methods of attachment. The system's **self-centering magnetic interconnect** system makes using accessories completely user friendly, and opens up possibilities for accessories to a much wider range of fixtures than ever before. Also, the relatively low temperature of the Snap System lamps mean that new accessory materials, such as advanced polymer films, can be used for beam and color control in ways never before possible.

powered by

SORAA
Simply Perfect™ Light

The LED Optical Light Engine is compatible with most LF Illumination products in sizes comparable to MR16 and PAR30 lamp footprints. Consult our factory for more information. Not for use with VF100 Series.

LED Optical Light Engine



2" Light Engine
MR16 Footprint
9° Narrow Spot

7 Watts 650 lumens nominal
10 Watts 800 lumens nominal

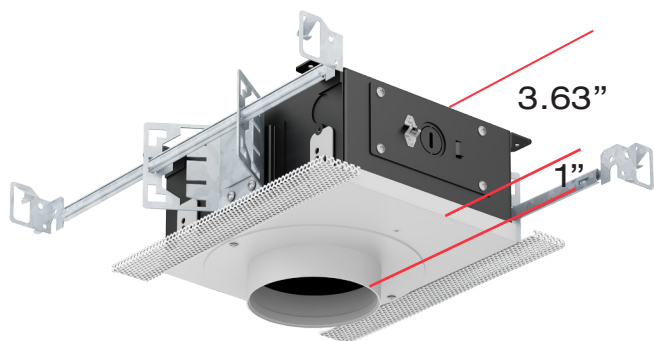


4" Light Engine
AR111 Footprint
9° Narrow Spot

18 Watts 1000 lumens nominal
25 Watts 1400 lumens nominal



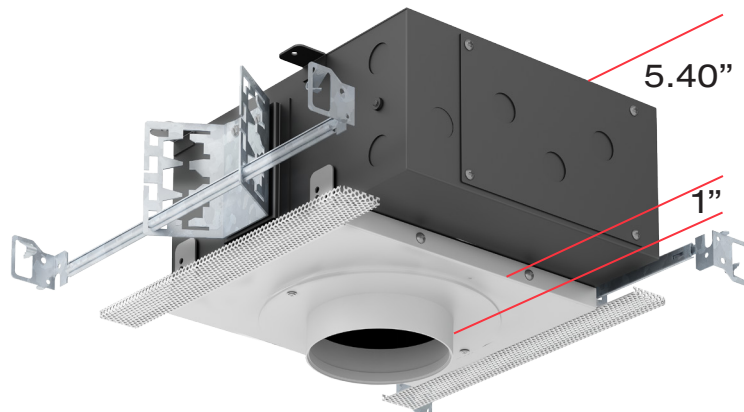
New Construction Housings - Air-Tight / IC / Title 24



MINI HOUSING

- Shallow 3.63" height
- IC* / Air-Tight Rating
- California Title 24 compliant
- Round or square versions
- Trim or trimless
- Trimless with auto-adjusting mudding flange
- Integral power supply
- Butterfly brackets and hanger bars supplied

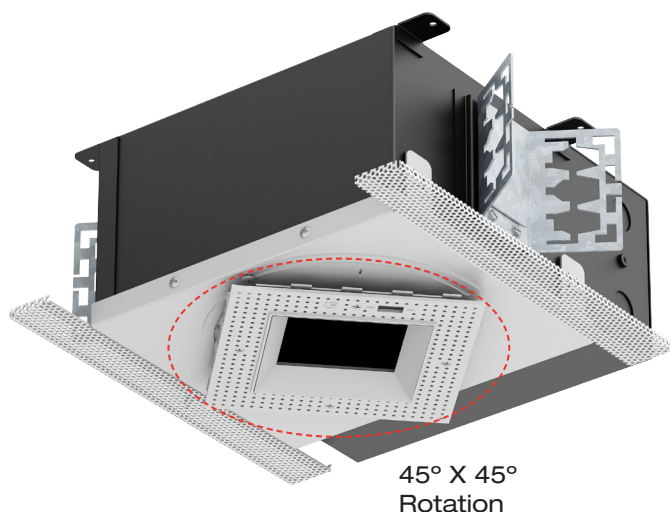
* Consult factory for IC maximum wattage



SMALL HOUSING

- IC* / Air-Tight Rating
- California Title 24 compliant
- Round or square versions
- Trim or trimless
- Trimless with auto-adjusting mudding flange
- Integral power supply
- Butterfly brackets and hanger bars supplied
- CEC Listed

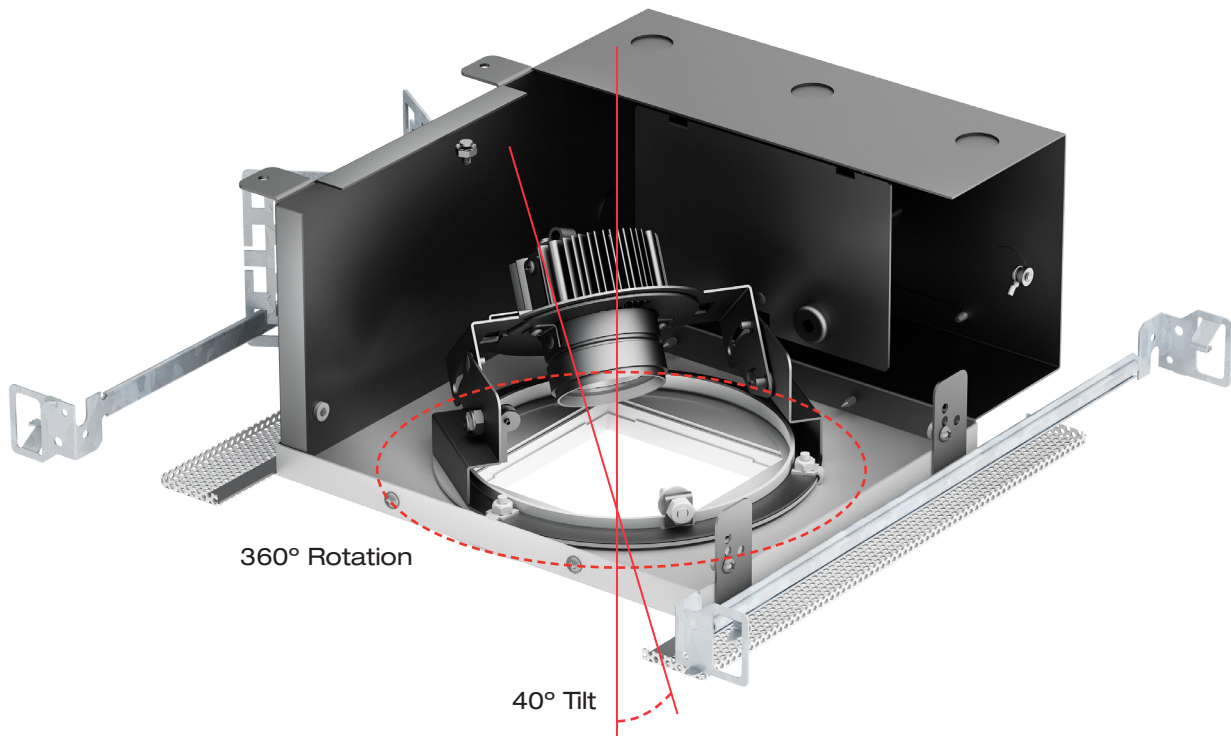
* Consult factory for IC maximum wattage



ADJUSTABLE SQUARE COLLAR

Recessed housings with square trims can sometimes be prone to sloppy installs which leave the square fixture not necessarily square with the rest of the environment. We have engineered a solution for this problem by making the collars on our square housings rotatable up to 45° in either direction, ensuring a perfectly square trim installation every time - even if the housing is not.

ADJUSTABLE HOUSING

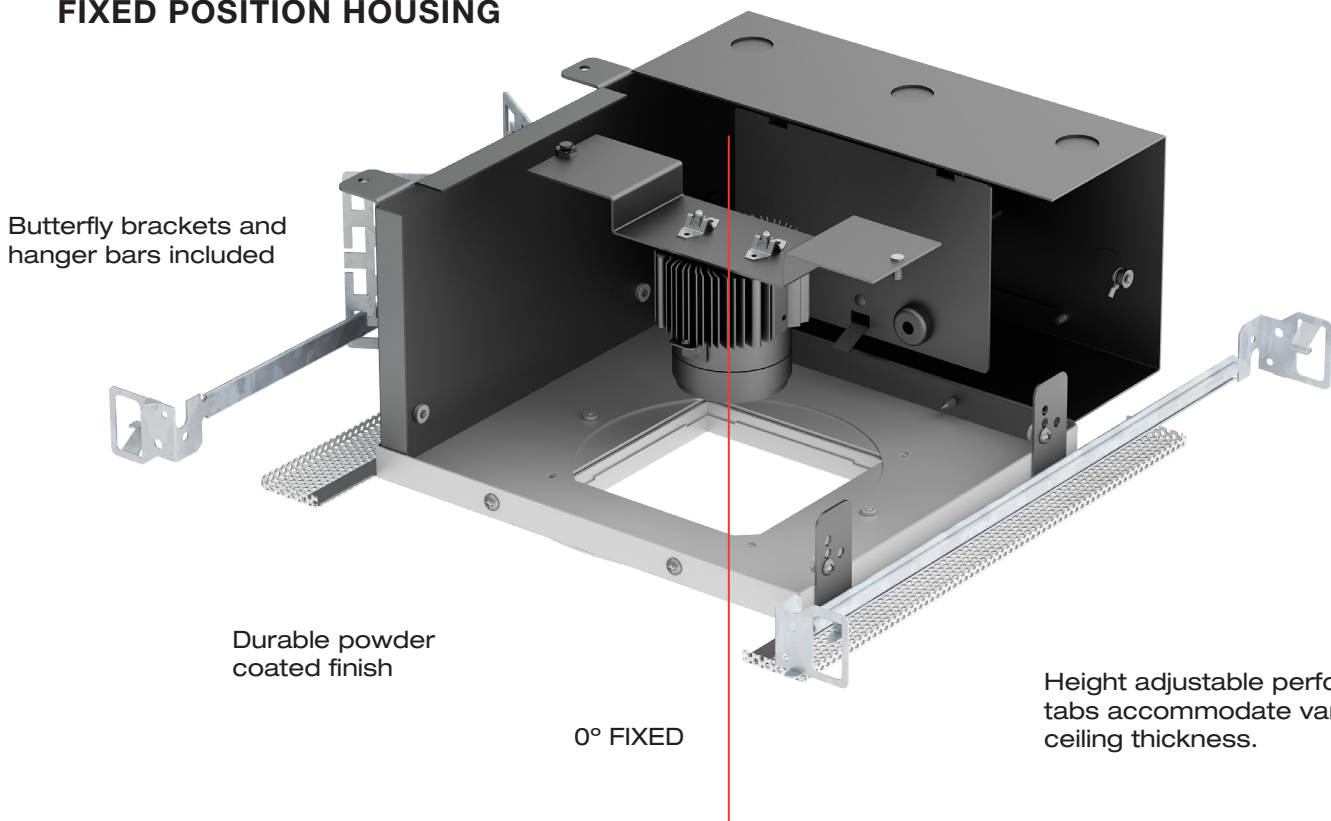


360° Rotation

40° Tilt

Integral power supply and wiring compartment rated for through-branch wiring

FIXED POSITION HOUSING



Butterfly brackets and hanger bars included

Durable powder coated finish

0° FIXED

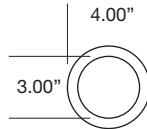
Height adjustable perforated tabs accommodate various ceiling thickness.

ROUND BEVELED TRIMLESS



- Fixed or adjustable light output application
- 4.00" round die-cast aluminum
- 3.00" round large aperture
- 0.75" bevel regress
- Trimless insert
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9701 LARGE APERTURE 4" TRIMLESS



LED / MR16 / CMHMR16



Available MR16 / CMHMR16 Sources

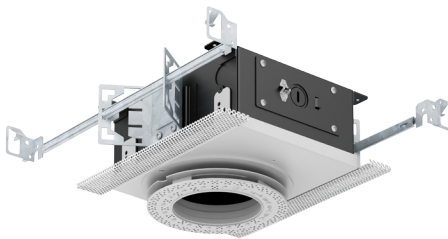
| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | CM16X MR16 Metal Halide |
| 020 20 Watts | |
| 039 39 Watts | |

| Cat. # | Description | Finish |
|-------------|-------------------------------|--|
| 9701 | Round Beveled Trimless Insert | MB - Matte Black MW - Matte White XX - Custom Color |

Available LED Sources

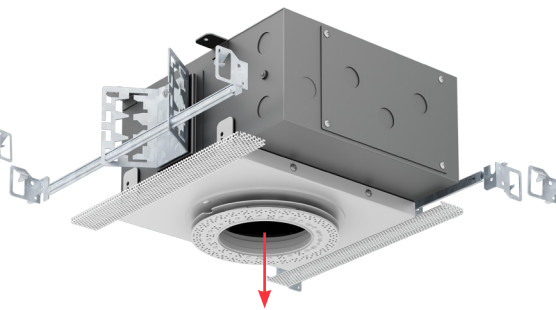
| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) | 80 80CRI min 90 90CRI min 97 97CRI typ | 27 2700K 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | N Narrow 16° M Medium 28° W Wide 42° |
| 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 07S 7W (650lm Soraa 2" Light Engine) 10S 10W (800lm Soraa 2" Light Engine) 18S 18W (1000lm Soraa 4" Light Engine) 25S 25W (1400lm Soraa 4" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 40 4000K | N Narrow 9° |
| 14R 14W (600lm LumaDIM/LumaTUNE **) 20R 20W (900lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) 16 4000K-1650K LumaTUNE (CT only) 27 6000K-2700K LumaTUNE (CT only) | M Medium 40° W Wide 60° |

HVR-1AA-S-FD



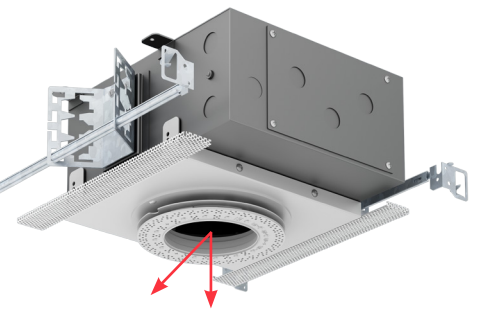
VF150 Round Trimless
Mini Size Housing
Fixed Downlight

HVR-1BA-S-FD



VF150 Round Trimless
Small Size Housing
Fixed Downlight

HVR-1BA-S-AD



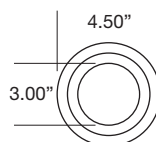
VF150 Round Trimless
Small Size Housing
0° - 45° Adjustable Downlight

ROUND BEVELED TRIMMED

- Fixed or adjustable light output application
- 4.50" round die-cast aluminum
- 3.00" round large aperture
- 0.75" bevel regress
- Trimmed insert
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



| Available MR16 / CMHMR16 Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | CM16X MR16 Metal Halide |
| 020 20 Watts | |
| 039 39 Watts | |

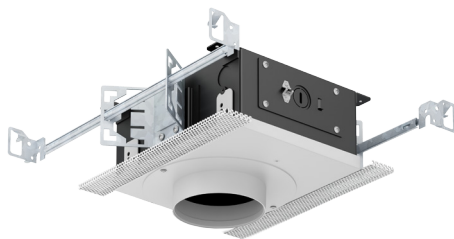


8701
LARGE APERTURE
4.5" TRIMMED
LED / MR16 / CMHMR16

| Cat. # | Description | Finish |
|-------------|---------------------------|--|
| 8701 | Round Beveled Trim Insert | MB - Matte Black MW - Matte White XX - Custom Color |

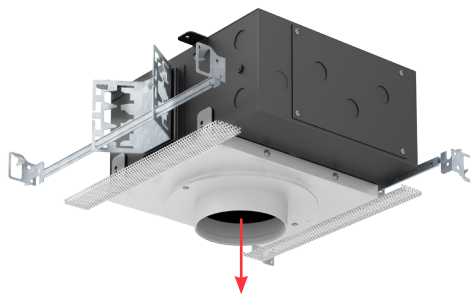
| Available LED Sources | | | |
|---|---------------------|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| | | | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min | 27 2700K | N Narrow 9° |
| 10S 10W (800lm Soraa 2" Light Engine) | 95 95CRI typ | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | CT LumaTUNE | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVR-1AA-T-FD



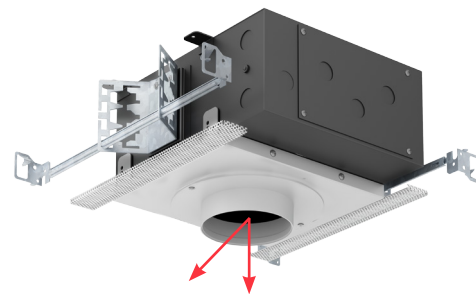
VF150 Round Trim
Mini Size Housing
Fixed Downlight

HVR-1BA-T-FD



VF150 Round Trim
Small Size Housing
Fixed Downlight

HVR-1BA-T-AD



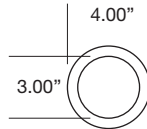
VF150 Round Trim
Small Size Housing
0° - 45° Adjustable Downlight

ROUND FLAT TRIMLESS



- Fixed or adjustable light output application
- 4.00" round die-cast aluminum
- 3.00" round large aperture
- Flush face
- Trimless insert
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9801 LARGE APERTURE 4" TRIMLESS



LED / MR16 / CMHMR16



Available MR16 / CMHMR16 Sources

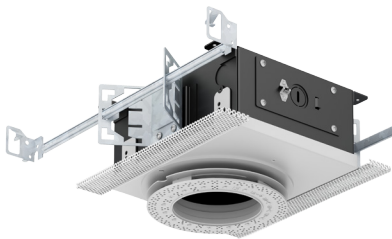
| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

| Cat. # | Description | Finish |
|-------------|----------------------------|--|
| 9801 | Round Flat Trimless Insert | MB - Matte Black MW - Matte White XX - Custom Color |

Available LED Sources

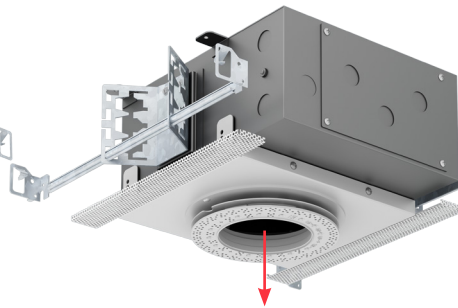
| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) | 80 80CRI min 90 90CRI min 97 97CRI typ | 27 2700K 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | N Narrow 16° M Medium 28° W Wide 42° |
| 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 07S 7W (650lm Soraa 2" Light Engine) 10S 10W (800lm Soraa 2" Light Engine) 18S 18W (1000lm Soraa 4" Light Engine) 25S 25W (1400lm Soraa 4" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 40 4000K | N Narrow 9° |
| 14R 14W (600lm LumaDIM/LumaTUNE **) 20R 20W (900lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) 16 4000K-1650K LumaTUNE (CT only) 27 6000K-2700K LumaTUNE (CT only) | M Medium 40° W Wide 60° |

HVR-1AA-S-FD



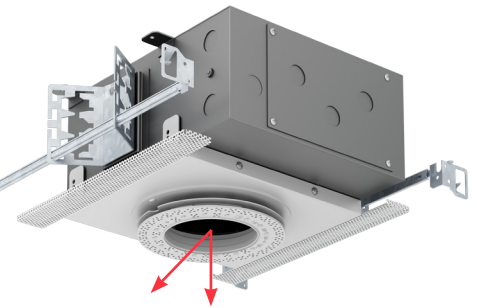
VF150 Round Trimless
Mini Size Housing
Fixed Downlight

HVR-1BA-S-FD



VF150 Round Trimless
Small Size Housing
Fixed Downlight

HVR-1BA-S-AD



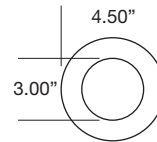
VF150 Round Trimless
Small Size Housing
0° - 45° Adjustable Downlight

ROUND FLAT TRIMMED

- Fixed or adjustable light output application
- 4.50" round die-cast aluminum
- 3.00" round large aperture
- Flush face
- Trimmed insert
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



| Available MR16 / CMHMR16 Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

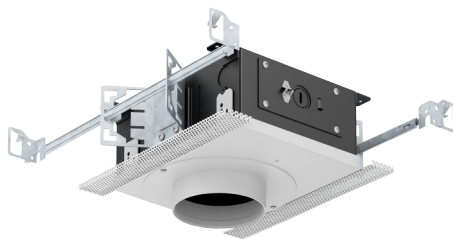


8801
LARGE APERTURE
4.5" TRIMMED
 LED / MR16 / CMHMR16

| Cat. # | Description | Finish |
|-------------|------------------------|--|
| 8801 | Round Flat Trim Insert | MB - Matte Black MW - Matte White XX - Custom Color |

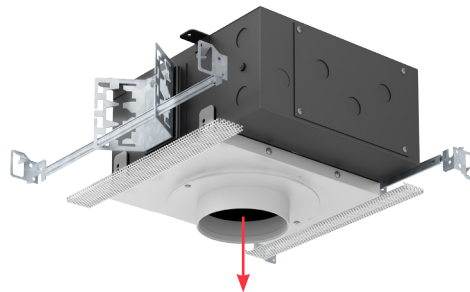
| Available LED Sources | | | |
|---|--|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K | |
| 10S 10W (800lm Soraa 2" Light Engine) | | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 30 3000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | 40 4000K | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVR-1AA-T-FD



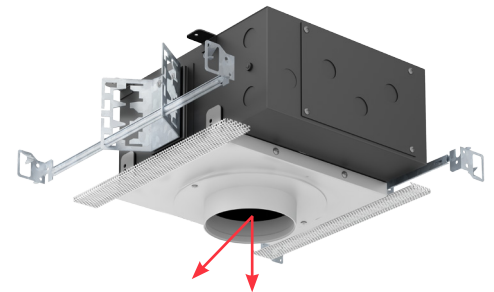
VF150 Round Trim
Mini Size Housing
Fixed Downlight

HVR-1BA-T-FD



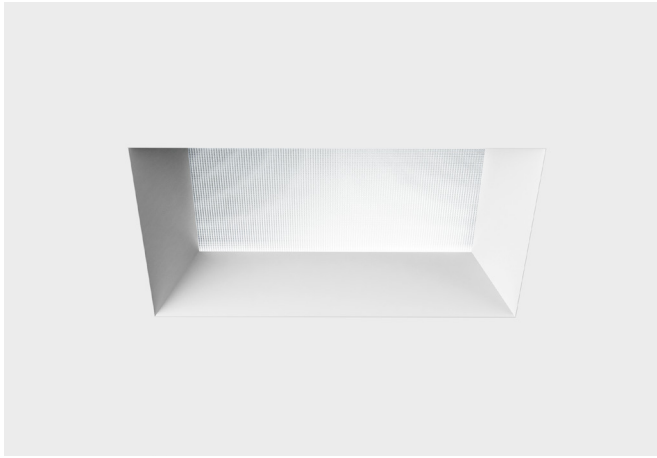
VF150 Round Trim
Small Size Housing
Fixed Downlight

HVR-1BA-T-AD



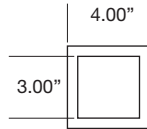
VF150 Round Trim
Small Size Housing
0° - 45° Adjustable Downlight

SQUARE BEVELED TRIMLESS



- Fixed or adjustable light output application
- 4.00" square die-cast aluminum
- 3.00" square large aperture
- 0.75" bevel regress
- Trimless insert
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9702 LARGE APERTURE 4" TRIMLESS



LED / MR16 / CMHMR16



Available MR16 / CMHMR16 Sources

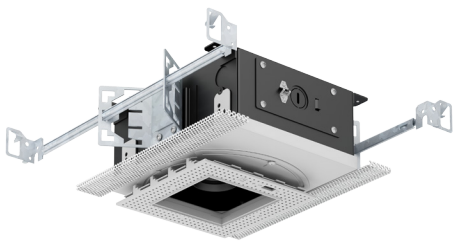
| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

| Cat. # | Description | Finish |
|-------------|--------------------------------|--|
| 9702 | Square Beveled Trimless Insert | MB - Matte Black MW - Matte White XX - Custom Color |

Available LED Sources

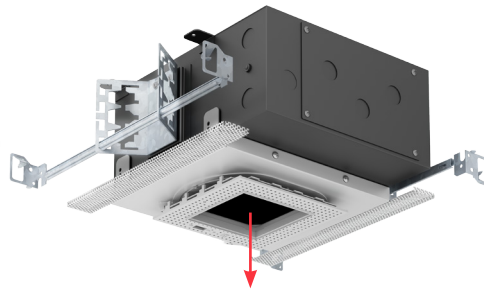
| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) | 80 80CRI min 90 90CRI min 97 97CRI typ | 27 2700K 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | N Narrow 16° M Medium 28° W Wide 42° |
| 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 07S 7W (650lm Soraa 2" Light Engine) 10S 10W (800lm Soraa 2" Light Engine) 18S 18W (1000lm Soraa 4" Light Engine) 25S 25W (1400lm Soraa 4" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 40 4000K | N Narrow 9° |
| 14R 14W (600lm LumaDIM/LumaTUNE)** 20R 20W (900lm LumaDIM/LumaTUNE)** | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) 16 4000K-1650K LumaTUNE (CT only) 27 6000K-2700K LumaTUNE (CT only) | M Medium 40° W Wide 60° |

HVS-1AA-S-FD



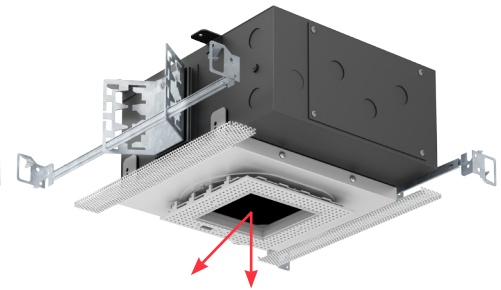
VF150 Square Trimless
Mini Size Housing
Fixed Downlight

HVS-1BA-S-FD



VF150 Square Trimless
Small Size Housing
Fixed Downlight

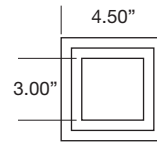
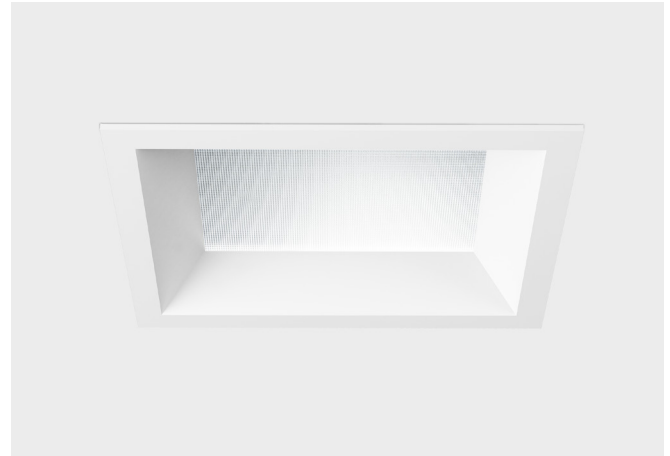
HVS-1BA-S-AD



VF150 Square Trimless
Small Size Housing
0° - 45° Adjustable Downlight

SQUARE BEVELED TRIMMED

- Fixed or adjustable light output application
- 4.50" square die-cast aluminum
- 3.00" square large aperture
- 0.75" bevel regress
- Trimmed insert
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



8702
LARGE APERTURE
4.5" TRIMMED
 LED / MR16 / CMHMR16

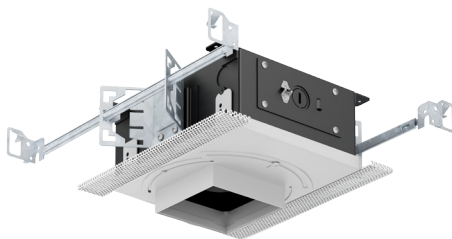


| Available MR16 / CMHMR16 Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | CM16X MR16 Metal Halide |
| 020 20 Watts | |
| 039 39 Watts | |

| Cat. # | Description | Finish |
|-------------|----------------------------|--|
| 8702 | Square Beveled Trim Insert | MB - Matte Black MW - Matte White XX - Custom Color |

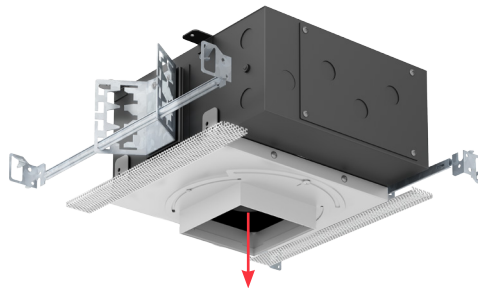
| Available LED Sources | | | |
|---|--|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K | |
| 10S 10W (800lm Soraa 2" Light Engine) | | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVS-1AA-T-FD



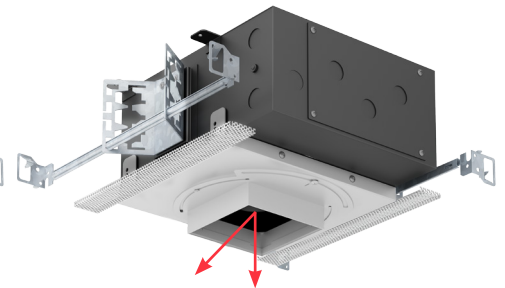
VF150 Square Trim
 Mini Size Housing
Fixed Downlight

HVS-1BA-T-FD



VF150 Square Trim
 Small Size Housing
Fixed Downlight

HVS-1BA-T-AD



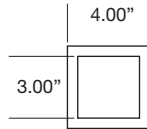
VF150 Square Trim
 Small Size Housing
0° - 45° Adjustable Downlight

SQUARE FLAT TRIMLESS



- Fixed or adjustable light output application
- 4.00" square die-cast aluminum
- 3.00" square large aperture
- Flush face
- Trimless insert
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9802 LARGE APERTURE 4" TRIMLESS



LED / MR16 / CMHMR16



| Cat. # | Description | Finish |
|-------------|-----------------------------|--|
| 9802 | Square Flat Trimless Insert | MB - Matte Black MW - Matte White XX - Custom Color |

Available MR16 / CMHMR16 Sources

| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | CM16X MR16 Metal Halide |
| 020 20 Watts | |
| 039 39 Watts | |

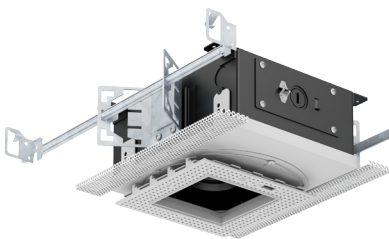
Available LED Sources

| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) | 80 80CRI min 90 90CRI min 97 97CRI typ | 27 2700K 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | N Narrow 16° M Medium 28° W Wide 42° |
| 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 07S 7W (650lm Soraa 2" Light Engine) 10S 10W (800lm Soraa 2" Light Engine) 18S 18W (1000lm Soraa 4" Light Engine) 25S 25W (1400lm Soraa 4" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 40 4000K | N Narrow 9° |
| 14R 14W (600lm LumaDIM/LumaTUNE **) 20R 20W (900lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) 16 4000K-1650K LumaTUNE (CT only) 27 6000K-2700K LumaTUNE (CT only) | M Medium 40° W Wide 60° |

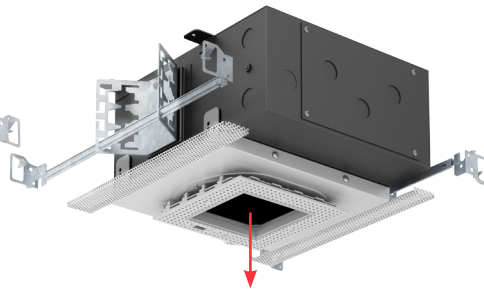
HVS-1AA-S-FD

HVS-1BA-S-FD

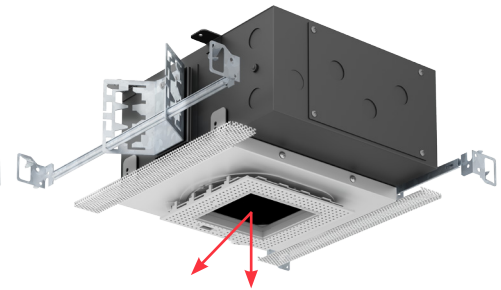
HVS-1BA-S-AD



VF150 Square Trimless
Mini Size Housing
Fixed Downlight



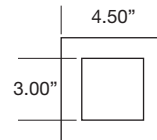
VF150 Square Trimless
Small Size Housing
Fixed Downlight



VF150 Square Trimless
Small Size Housing
0° - 45° Adjustable Downlight

SQUARE FLAT TRIMMED

- Fixed or adjustable light output application
- 4.50" square die-cast aluminum
- 3.00" square large aperture
- Flush face
- Trimmed insert
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



8802

LARGE APERTURE

4.5" TRIMMED

LED / MR16 / CMHMR16



Available MR16 / CMHMR16 Sources

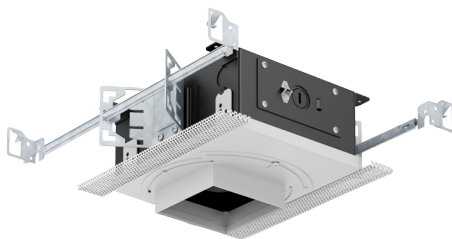
| Lamp Wattage | Source |
|---------------------|--------------------------------|
| 015 15 Watts | MR16X MR16 LED Retrofit |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

| Cat. # | Description | Finish |
|-------------|-------------------------|--|
| 8802 | Square Flat Trim Insert | MB - Matte Black MW - Matte White XX - Custom Color |

Available LED Sources

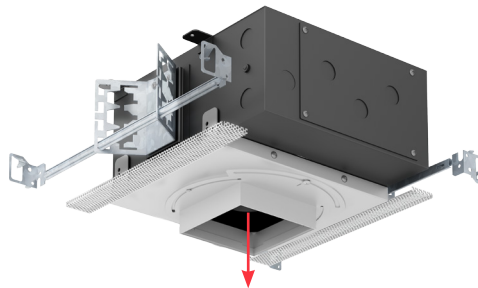
| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min | 27 2700K | |
| 10S 10W (800lm Soraa 2" Light Engine) | 95 95CRI typ | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVS-1AA-T-FD



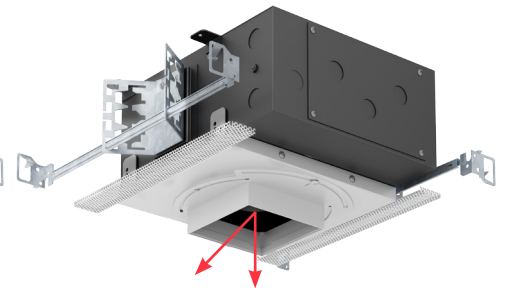
VF150 Square Trim
Mini Size Housing
Fixed Downlight

HVS-1BA-T-FD



VF150 Square Trim
Small Size Housing
Fixed Downlight

HVS-1BA-T-AD

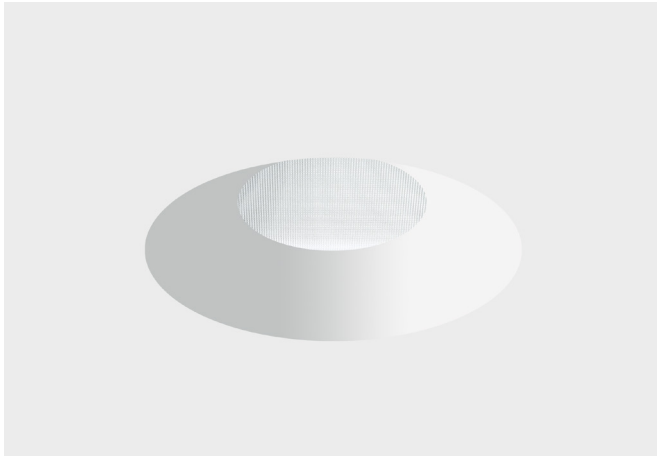


VF150 Square Trim
Small Size Housing
0° - 45° Adjustable Downlight





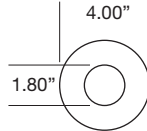
ROUND BEVELED TRIMLESS



- 4.00" round beveled die-cast aluminum trimless fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" round aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9601 SMALL APERTURE 4" TRIMLESS

LED / MR16 / CMHMR16



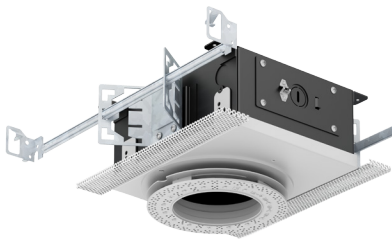
| Cat. # | Description | Finish |
|-------------|---|--|
| 9601 | Round Beveled Trimless Insert Small Aperture | MB - Matte Black MW - Matte White XX - Custom Color |

Available MR16 / CMHMR16 Sources

| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | CM16X MR16 Metal Halide |
| 020 20 Watts | |
| 039 39 Watts | |

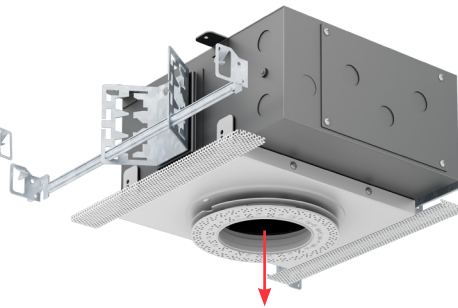
| Available LED Sources | | | |
|---|---------------------|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| | | | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min | 27 2700K | N Narrow 9° |
| 10S 10W (800lm Soraa 2" Light Engine) | 95 95CRI typ | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | CT LumaTUNE | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVR-1AA-S-FD



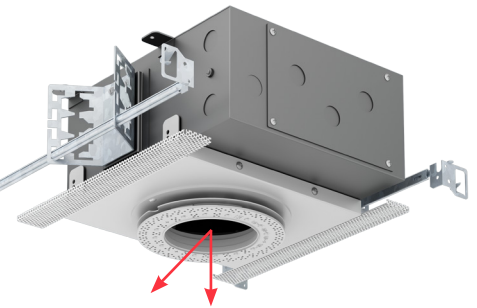
VF150 Round Trimless
Mini Size Housing
Fixed Downlight

HVR-1BA-S-FD



VF150 Round Trimless
Small Size Housing
Fixed Downlight

HVR-1BA-S-AD



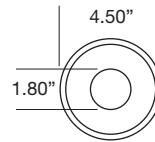
VF150 Round Trimless
Small Size Housing
0° - 45° Adjustable Downlight

ROUND BEVELED TRIMMED

- 4.50" round beveled die-cast aluminum trim fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" round aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



| Available MR16 / CMHMR16 Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

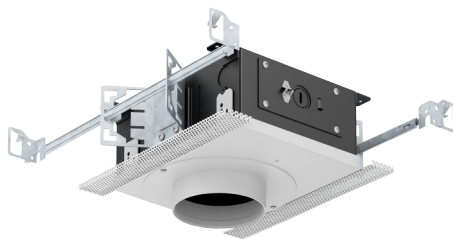


8601
SMALL APERTURE
4.5" TRIMMED
 LED / MR16 / CMHMR16

| Cat. # | Description | Finish |
|-------------|---|--|
| 8601 | Round Beveled Trim Insert Small Aperture | MB - Matte Black MW - Matte White XX - Custom Color |

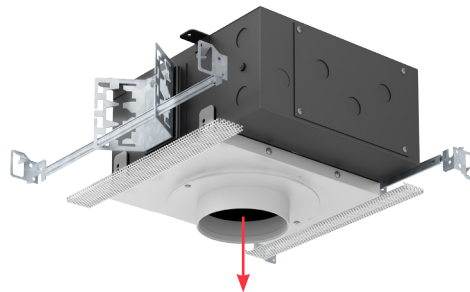
| Available LED Sources | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min | 27 2700K | |
| 10S 10W (800lm Soraa 2" Light Engine) | 95 95CRI typ | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVR-1AA-T-FD



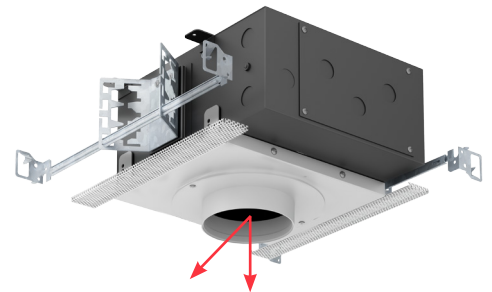
VF150 Round Trim
Mini Size Housing
Fixed Downlight

HVR-1BA-T-FD



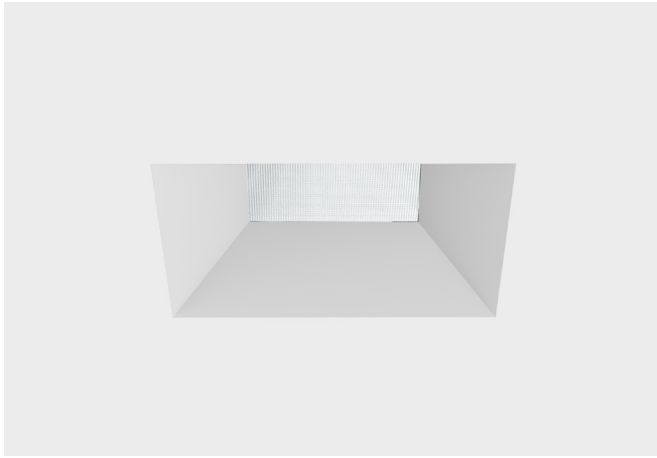
VF150 Round Trim
Small Size Housing
Fixed Downlight

HVR-1BA-T-AD



VF150 Round Trim
Small Size Housing
0° - 45° Adjustable Downlight

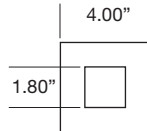
SQUARE BEVELED TRIMLESS



- 4.00" square beveled die-cast aluminum trimless fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" square aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9602 SMALL APERTURE 4" TRIMLESS

LED / MR16 / CMHMR16



| Cat. # | Description | Finish |
|-------------|--|--|
| 9602 | Square Beveled Trimless Insert Small Aperture | MB - Matte Black MW - Matte White XX - Custom Color |

Available MR16 / CMHMR16 Sources

| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

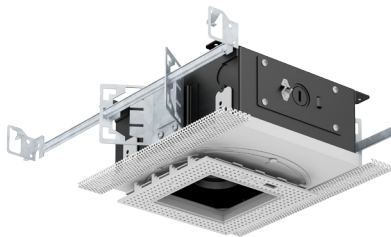
Available LED Sources

| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) | 80 80CRI min 90 90CRI min 97 97CRI typ | 27 2700K 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | N Narrow 16° M Medium 28° W Wide 42° |
| 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 07S 7W (650lm Soraa 2" Light Engine) 10S 10W (800lm Soraa 2" Light Engine) 18S 18W (1000lm Soraa 4" Light Engine) 25S 25W (1400lm Soraa 4" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 40 4000K | N Narrow 9° |
| 14R 14W (600lm LumaDIM/LumaTUNE **) 20R 20W (900lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) 16 4000K-1650K LumaTUNE (CT only) 27 6000K-2700K LumaTUNE (CT only) | M Medium 40° W Wide 60° |

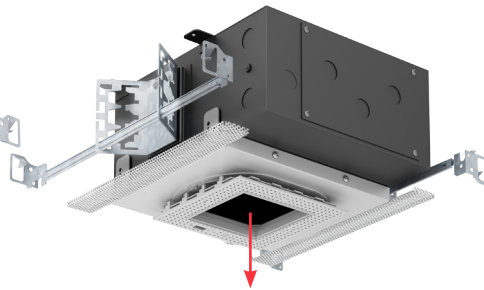
HVS-1AA-S-FD

HVS-1BA-S-FD

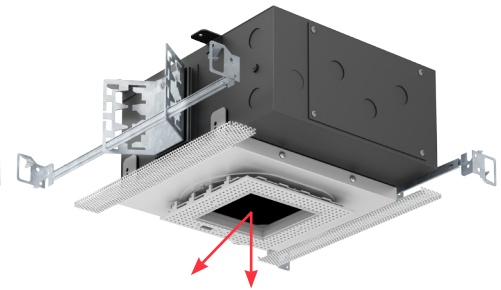
HVS-1BA-S-AD



VF150 Square Trimless
Mini Size Housing
Fixed Downlight



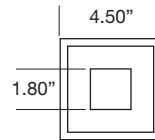
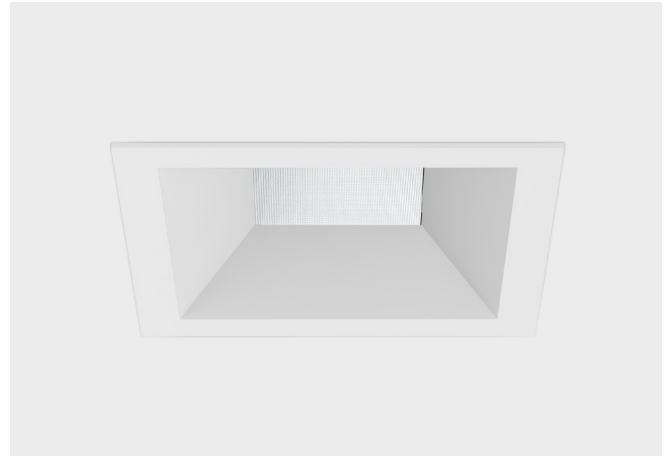
VF150 Square Trimless
Small Size Housing
Fixed Downlight



VF150 Square Trimless
Small Size Housing
0° - 45° Adjustable Downlight

SQUARE BEVELED TRIMMED

- 4.50" square beveled die-cast aluminum trim fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" square aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



8602
SMALL APERTURE
4.5" TRIMMED
 LED / MR16 / CMHMR16



Available MR16 / CMHMR16 Sources

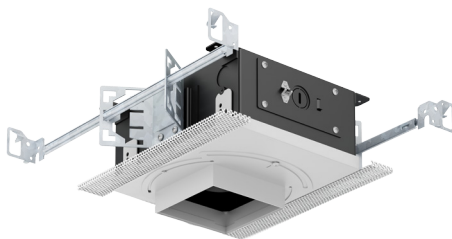
| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

| Cat. # | Description | Finish |
|-------------|--|--|
| 8602 | Square Beveled Trim Insert Small Aperture | MB - Matte Black MW - Matte White XX - Custom Color |

Available LED Sources

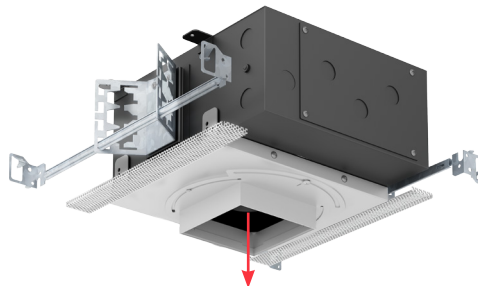
| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min | 27 2700K | |
| 10S 10W (800lm Soraa 2" Light Engine) | 95 95CRI typ | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVS-1AA-T-FD



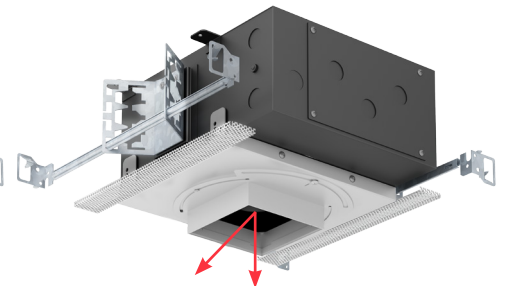
VF150 Square Trim
Mini Size Housing
Fixed Downlight

HVS-1BA-T-FD



VF150 Square Trim
Small Size Housing
Fixed Downlight

HVS-1BA-T-AD



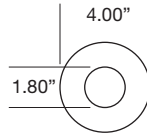
VF150 Square Trim
Small Size Housing
0° - 45° Adjustable Downlight

ROUND FLAT TRIMLESS



- 4.00" round flat die-cast aluminum trimless fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" round aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9901 SMALL APERTURE 4" TRIMLESS



LED / MR16 / CMHMR16



Available MR16 / CMHMR16 Sources

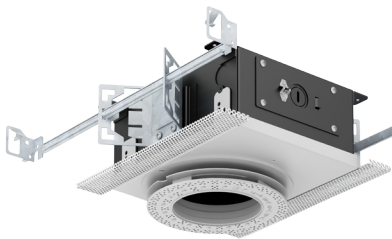
| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

| Cat. # | Description | Finish |
|-------------|--|--|
| 9901 | Round Flat Trimless Insert Small Aperture | MB - Matte Black MW - Matte White XX - Custom Color |

Available LED Sources

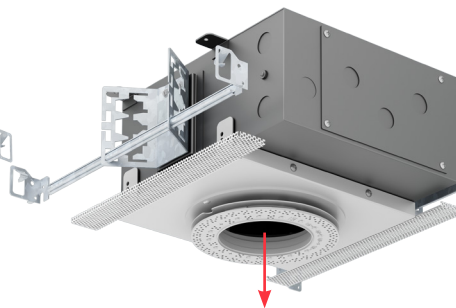
| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) | 80 80CRI min 90 90CRI min 97 97CRI typ | 27 2700K 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | N Narrow 16° M Medium 28° W Wide 42° |
| 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 07S 7W (650lm Soraa 2" Light Engine) 10S 10W (800lm Soraa 2" Light Engine) 18S 18W (1000lm Soraa 4" Light Engine) 25S 25W (1400lm Soraa 4" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 40 4000K | N Narrow 9° |
| 14R 14W (600lm LumaDIM/LumaTUNE **) 20R 20W (900lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) 16 4000K-1650K LumaTUNE (CT only) 27 6000K-2700K LumaTUNE (CT only) | M Medium 40° W Wide 60° |

HVR-1AA-S-FD



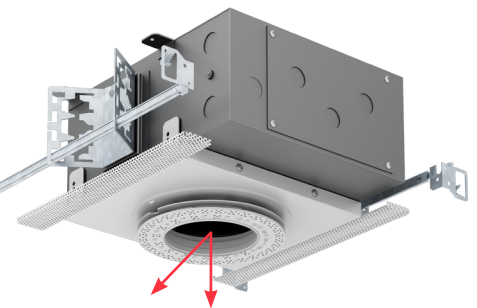
VF150 Round Trimless
Mini Size Housing
Fixed Downlight

HVR-1BA-S-FD



VF150 Round Trimless
Small Size Housing
Fixed Downlight

HVR-1BA-S-AD



VF150 Round Trimless
Small Size Housing
0° - 45° Adjustable Downlight

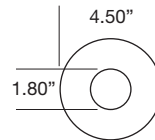
ROUND FLAT TRIMMED

- 4.50" round flat die-cast aluminum trim fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" round aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



Available MR16 / CMHMR16 Sources

| Lamp Wattage | Source |
|---------------------|--------------------------------|
| 015 15 Watts | MR16X MR16 LED Retrofit |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |



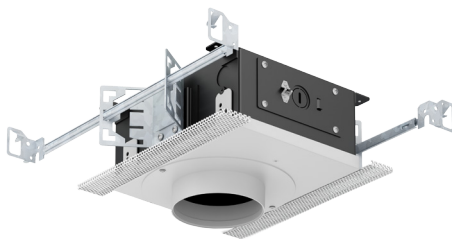
8901
SMALL APERTURE
4.5" TRIMMED
 LED / MR16 / CMHMR16

| Cat. # | Description | Finish |
|-------------|--|--|
| 8901 | Round Flat Trim Insert Small Aperture | MB - Matte Black MW - Matte White XX - Custom Color |

Available LED Sources

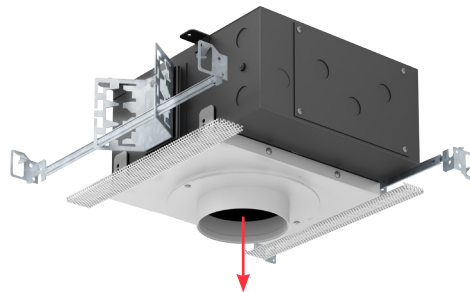
| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min | 27 2700K | |
| 10S 10W (800lm Soraa 2" Light Engine) | 95 95CRI typ | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVR-1AA-T-FD



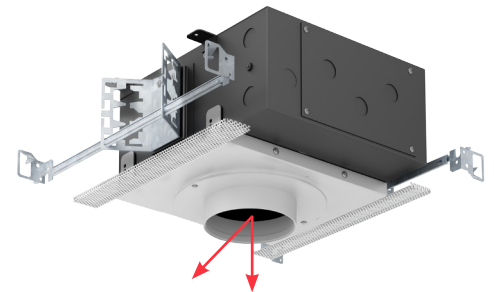
VF150 Round Trim
Mini Size Housing
Fixed Downlight

HVR-1BA-T-FD



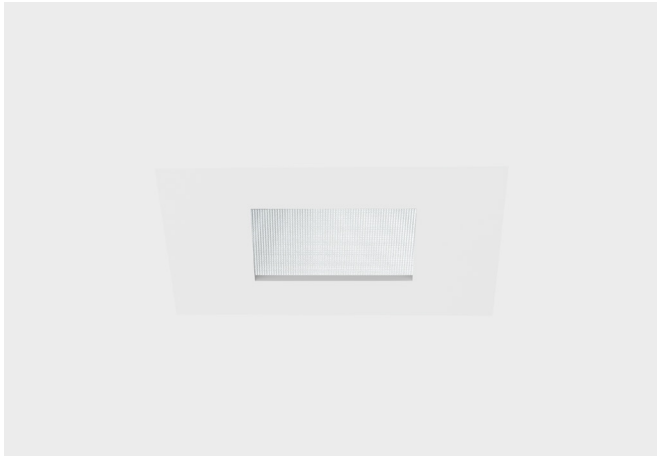
VF150 Round Trim
Small Size Housing
Fixed Downlight

HVR-1BA-T-AD



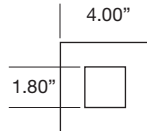
VF150 Round Trim
Small Size Housing
0° - 45° Adjustable Downlight

SQUARE FLAT TRIMLESS



- 4.00" square flat die-cast aluminum trimless fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" square aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9902 SMALL APERTURE 4" TRIMLESS



LED / MR16 / CMHMR16



| Cat. # | Description | Finish |
|-------------|---|--|
| 9902 | Square Flat Trimless Insert Small Aperture | MB - Matte Black MW - Matte White XX - Custom Color |

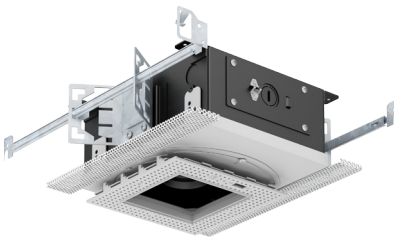
Available MR16 / CMHMR16 Sources

| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

Available LED Sources

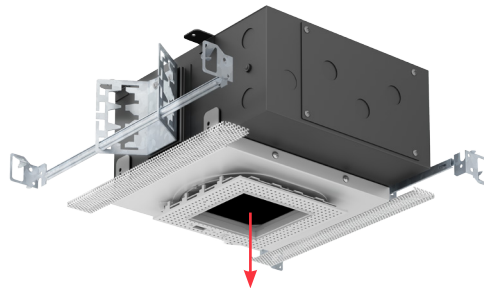
| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) | 80 80CRI min 90 90CRI min 97 97CRI typ | 27 2700K 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | N Narrow 16° M Medium 28° W Wide 42° |
| 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 07S 7W (650lm Soraa 2" Light Engine) 10S 10W (800lm Soraa 2" Light Engine) 18S 18W (1000lm Soraa 4" Light Engine) 25S 25W (1400lm Soraa 4" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 40 4000K | N Narrow 9° |
| 14R 14W (600lm LumaDIM/LumaTUNE)** 20R 20W (900lm LumaDIM/LumaTUNE)** | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) 16 4000K-1650K LumaTUNE (CT only) 27 6000K-2700K LumaTUNE (CT only) | M Medium 40° W Wide 60° |

HVS-1AA-S-FD



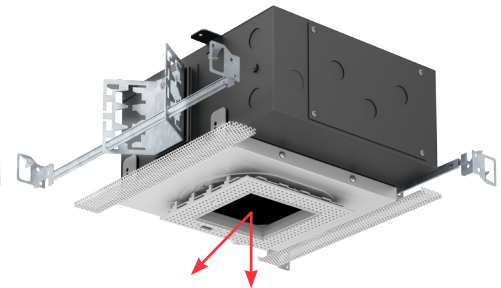
VF150 Square Trimless
Mini Size Housing
Fixed Downlight

HVS-1BA-S-FD



VF150 Square Trimless
Small Size Housing
Fixed Downlight

HVS-1BA-S-AD



VF150 Square Trimless
Small Size Housing
0° - 45° Adjustable Downlight

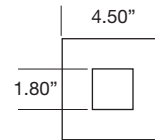
SQUARE FLAT TRIMMED

- 4.50" square flat die-cast aluminum trim fixture
- Fixed Downlight or 0°-45° Tilt / 360° Rotational Hot Aiming
- Small 1.80" square aperture
- Accepts up to 2 optical accessories, dependent on lamp
- Solite diffusion lens (Optional)
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



Available MR16 / CMHMR16 Sources

| Lamp Wattage | Source |
|---------------------|--------------------------------|
| 015 15 Watts | MR16X MR16 LED Retrofit |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |



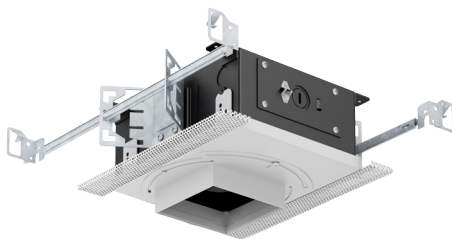
8902
SMALL APERTURE
4.5" TRIMMED
 LED / MR16 / CMHMR16

| Cat. # | Description | Finish |
|-------------|---|--|
| 8902 | Square Flat Trim Insert Small Aperture | MB - Matte Black MW - Matte White XX - Custom Color |

Available LED Sources

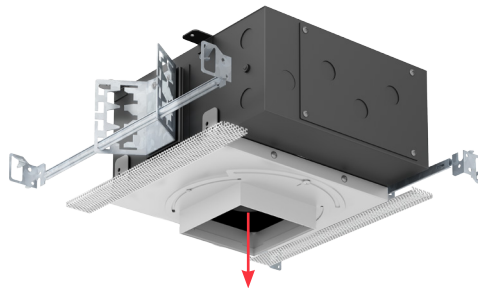
| | | | |
|---|---------------------|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| | | | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min | 27 2700K | N Narrow 9° |
| 10S 10W (800lm Soraa 2" Light Engine) | 95 95CRI typ | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | CT LumaTUNE | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVS-1AA-T-FD



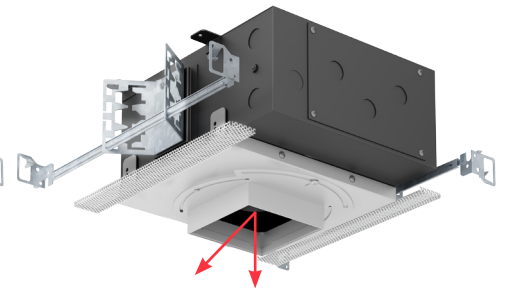
VF150 Square Trim
Mini Size Housing
Fixed Downlight

HVS-1BA-T-FD



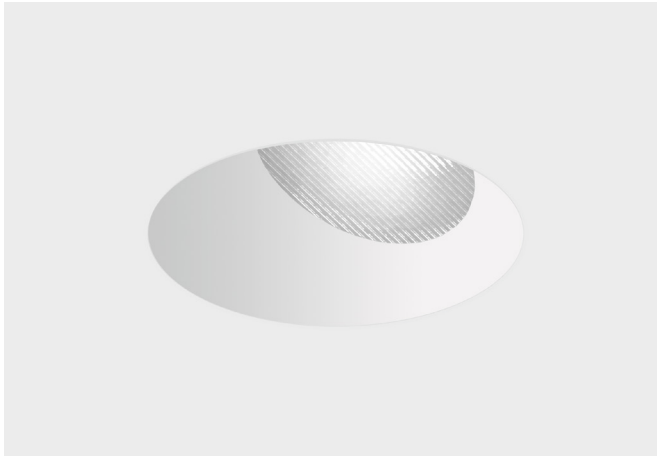
VF150 Square Trim
Small Size Housing
Fixed Downlight

HVS-1BA-T-AD



VF150 Square Trim
Small Size Housing
0° - 45° Adjustable Downlight

ROUND WALL WASH TRIMLESS

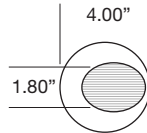


- 4.00" round die-cast wall wash trimless fixture
- 1.75" regress for greater cut-off
- Linear spread glass lens
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9631

4" TRIMLESS

LED / MR16 / CMHMR16



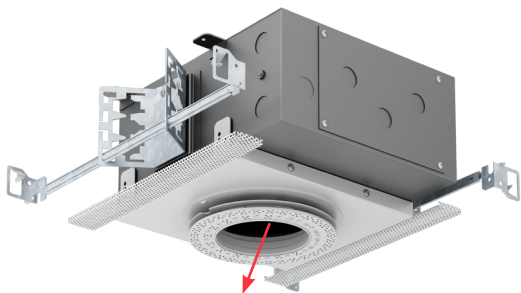
| Cat. # | Description | Finish |
|-------------|---|--|
| 9631 | Round Wall Wash Trimless Insert Small Aperture - 30° Fixed | MB - Matte Black MW - Matte White XX - Custom Color |

Available MR16 / CMHMR16 Sources

| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

| Available LED Sources | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min | 27 2700K | |
| 10S 10W (800lm Soraa 2" Light Engine) | 95 95CRI typ | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

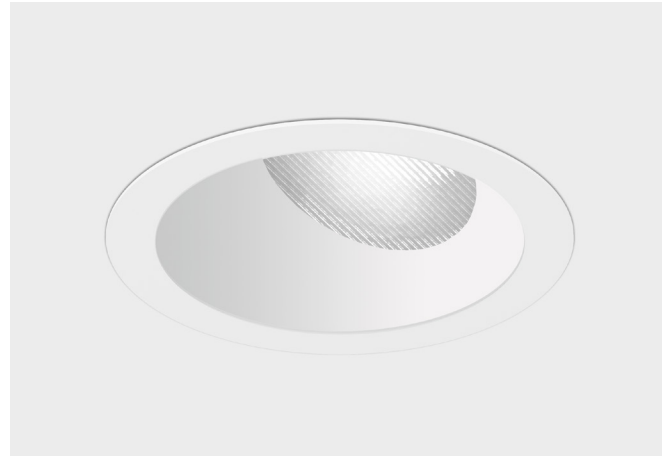
HVR-1BA-S-AD



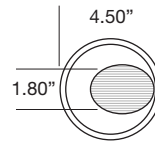
VF150 Round Trimless
Small Size Housing
Adjustable

ROUND WALL WASH TRIMMED

- 4.50" round die-cast wall wash trim fixture
- 1.75" regress for greater cut-off
- Linear spread glass lens
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



| Available MR16 / CMHMR16 Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

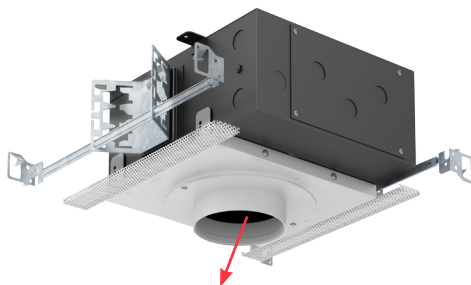


8631
4.5" TRIMMED
LED / MR16 / CMHMR16

| Cat. # | Description | Finish |
|-------------|---|--|
| 8631 | Round Wall Wash Trim Insert Small Aperture - 30° Fixed | MB - Matte Black MW - Matte White XX - Custom Color |

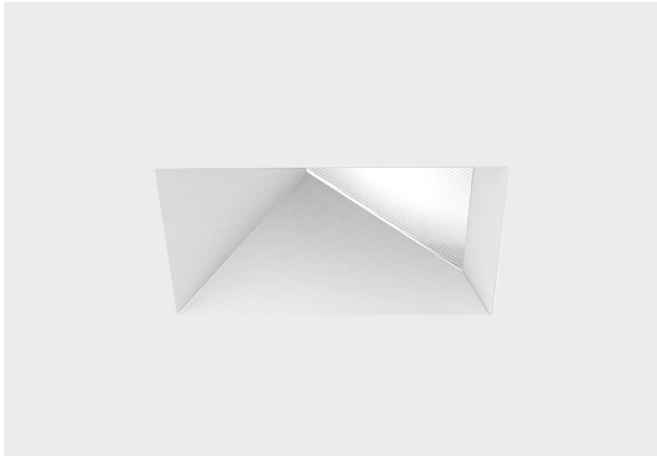
| Available LED Sources | | | |
|---|--|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K | |
| 10S 10W (800lm Soraa 2" Light Engine) | | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVR-1BA-T-AD



VF150 Round Trim
Small Size Housing
Adjustable

SQUARE WALL WASH TRIMLESS

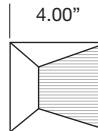


- 4.00" square die-cast wall wash trimless fixture
- 1.75" regress for greater cut-off
- Linear spread glass lens
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish

9632

4" TRIMLESS

LED / MR16 / CMHMR16



| Cat. # | Description | Finish |
|-------------|--|--|
| 9632 | Square Wall Wash Trimless Insert Small Aperture - 30° Fixed | MB - Matte Black MW - Matte White XX - Custom Color |

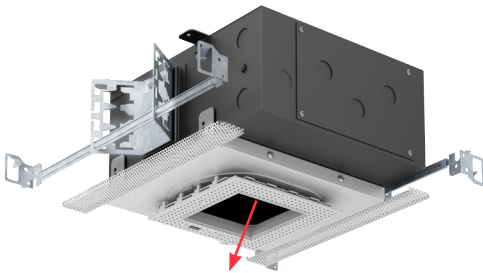
Available MR16 / CMHMR16 Sources

| Lamp Wattage | Source |
|---------------------|---|
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

Available LED Sources

| | | | |
|---|---|--|---|
| 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) | 80 80CRI min 90 90CRI min 97 97CRI typ | 27 2700K 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | N Narrow 16° M Medium 28° W Wide 42° |
| 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K 35 3500K 40 4000K | N Narrow 16° M Medium 28° W Wide 42° |
| 07S 7W (650lm Soraa 2" Light Engine) 10S 10W (800lm Soraa 2" Light Engine) 18S 18W (1000lm Soraa 4" Light Engine) 25S 25W (1400lm Soraa 4" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K 30 3000K 40 4000K | N Narrow 9° |
| 14R 14W (600lm LumaDIM/LumaTUNE ** 20R 20W (900lm LumaDIM/LumaTUNE ** | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) 16 4000K-1650K LumaTUNE (CT only) 27 6000K-2700K LumaTUNE (CT only) | M Medium 40° W Wide 60° |

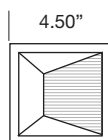
HVS-1BA-S-AD



VF150 Square Trimless
Small Size Housing
Adjustable

SQUARE WALL WASH TRIMMED

- 4.50" square die-cast wall wash trim fixture
- 1.75" regress for greater cut-off
- Linear spread glass lens
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Shower version available
- Powder coat finish



8632

4.5" TRIMMED

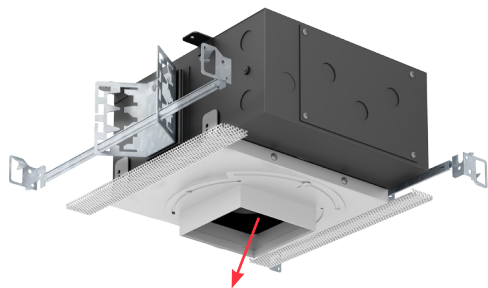
LED / MR16 / CMHMR16

| Available MR16 / CMHMR16 Sources | |
|----------------------------------|---|
| Lamp Wattage | Source |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen |
| 020 20 Watts | |
| 037 37 Watts | |
| 050 50 Watts | |
| 020 20 Watts | CM16X MR16 Metal Halide |
| 039 39 Watts | |

| Cat. # | Description | Finish |
|-------------|--|--|
| 8632 | Square Wall Wash Trim Insert Small Aperture - 30° Fixed | MB - Matte Black MW - Matte White XX - Custom Color |

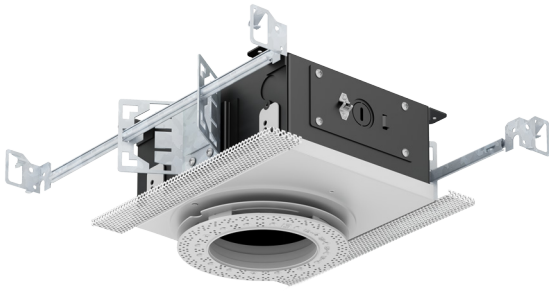
| Available LED Sources | | | |
|---|--|--|---|
| 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 16L 16W (1100lm Bridgelux) | 90 90CRI min | 30 3000K | |
| | 97 97CRI typ | 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | |
| 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° M Medium 28° W Wide 42° |
| 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | |
| 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | |
| 28C 28W (2200lm Cree) | | | |
| 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | N Narrow 16° M Medium 28° W Wide 42° |
| 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K | |
| | | 40 4000K | |
| 07S 7W (650lm Soraa 2" Light Engine) | 80 80CRI min 95 95CRI typ | 27 2700K | N Narrow 9° |
| 10S 10W (800lm Soraa 2" Light Engine) | | 30 3000K | |
| 18S 18W (1000lm Soraa 4" Light Engine) | | 40 4000K | |
| 25S 25W (1400lm Soraa 4" Light Engine) | | | |
| 14R 14W (600lm LumaDIM/LumaTUNE **) | 90 90CRI min CT LumaTUNE | 18 3000K-1800K LumaDIM (90CRI only) | M Medium 40° W Wide 60° |
| 20R 20W (900lm LumaDIM/LumaTUNE **) | | 16 4000K-1650K LumaTUNE (CT only) | |
| | | 27 6000K-2700K LumaTUNE (CT only) | |

HVS-1BA-T-AD

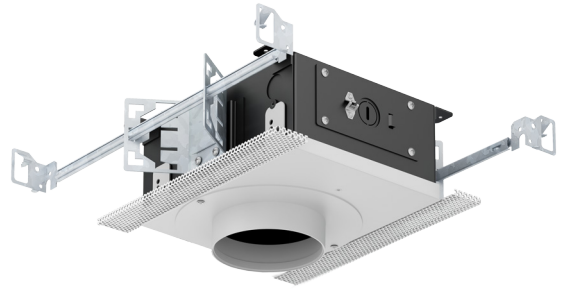


VF150 Square Trim
Small Size Housing
Adjustable

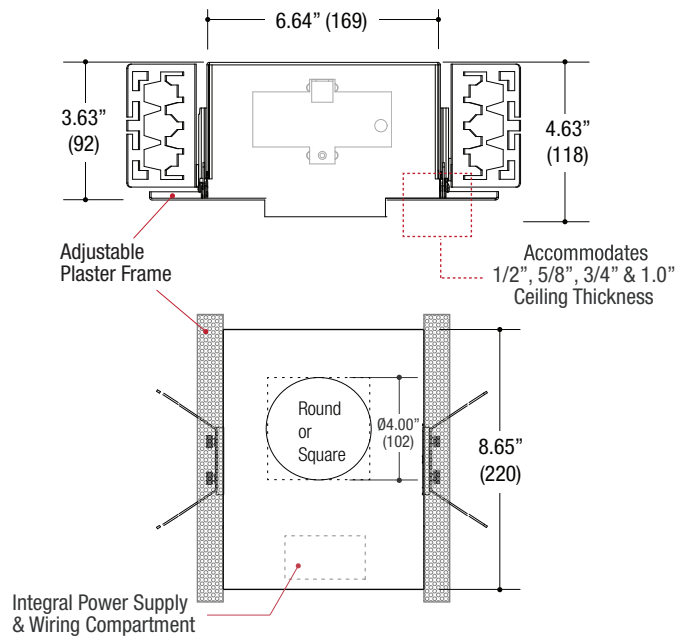
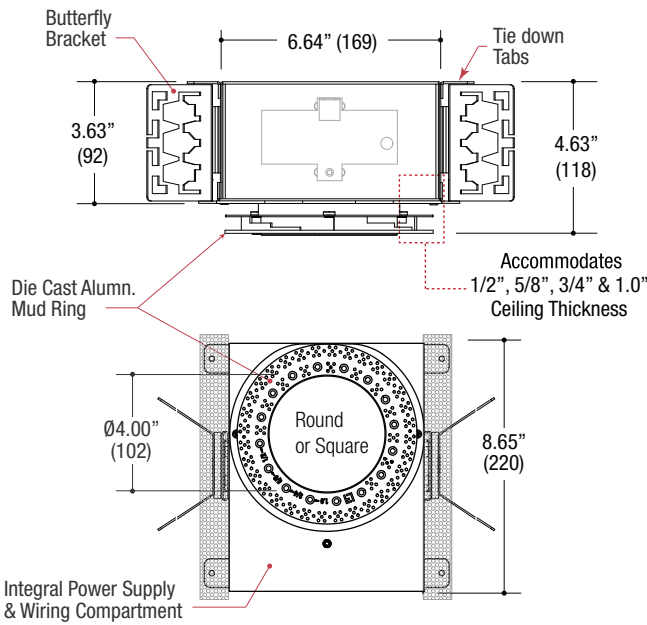
VF150 Mini Housings



TRIMLESS



TRIMMED



| Housing | Lamp Quantity | Housing Size | Housing Type | Trim Type | * LED Ordering Info | | | Lamp Mechanism | Voltage | Options |
|-----------------------|---------------|--------------|----------------|-------------------------|---|---|--|-----------------|----------------------------------|--|
| | | | | | LED Wattage | Power Supply | | | | |
| HVR Round Housing | 1 1 - Light | A Mini | A Air-Tight NC | S Trimless T Trimmed | 11L 11W (825lm Bridgelux) 16L 16W (1100lm Bridgelux) 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) | LD LED Driver D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver | | FD Fixed | 1 120 U 120-277 | IC Insulated Ceiling 20W Max |
| HVS Square Housing | | | | | | | | | | |

* Consult spec sheets for CRI, Color Temp, & Beam specs

| MR16 / CMHMR16 Ordering Info | | |
|------------------------------|--------------------------------|---------------------|
| Lamp Wattage | Source | Power Supply |
| 015 15 Watts | MR16X MR16 LED Retrofit | ET Elec Xfmr |
| 020 20 Watts | MR16X MR16 Halogen | MT Mag Xfmr |
| 037 37 Watts | | |
| 050 50 Watts | | |

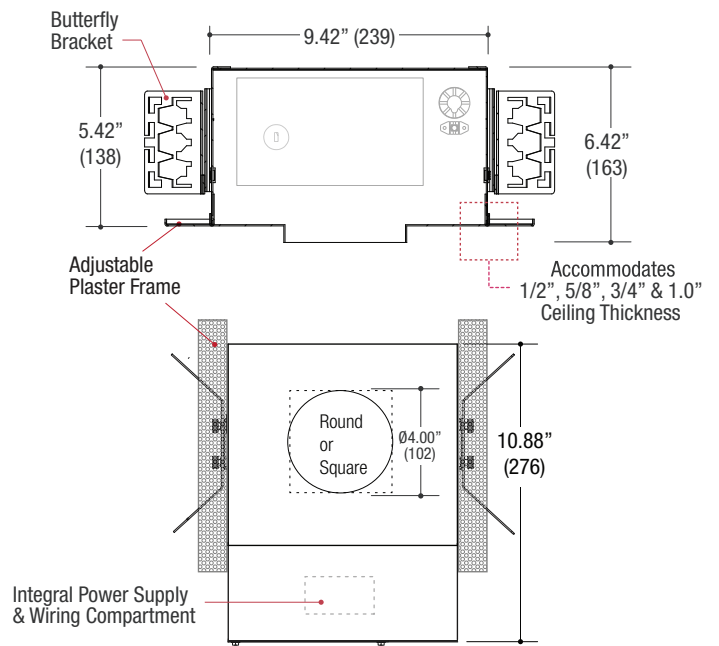
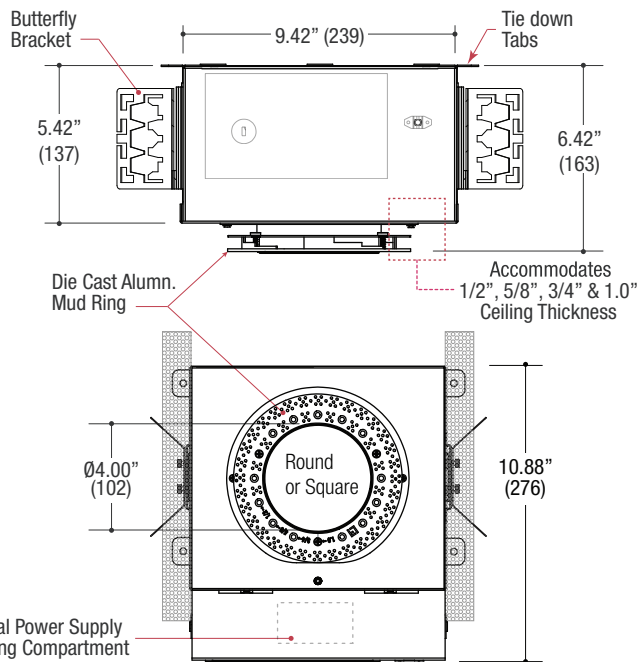
VF150 Small housings



• CEC Listed

TRIMLESS

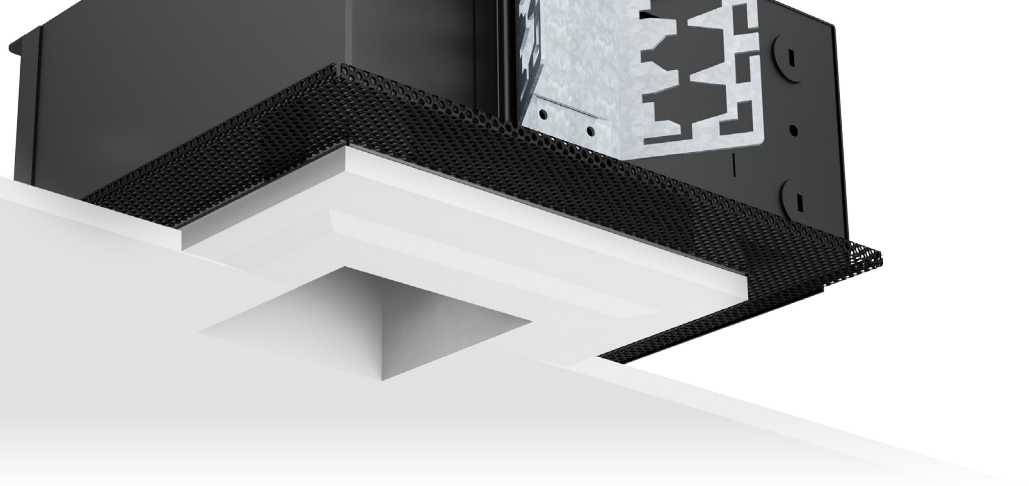
TRIMMED



| Housing | Lamp Quantity | Housing Size | Housing Type | Trim Type | * LED Ordering Info | | | | |
|--------------------------|---------------|--------------|----------------|------------|---|---|----------------|--------------------|---------------------------------|
| | | | | | LED Wattage | Power Supply | Lamp Mechanism | Voltage | Options |
| HVR Round Housing | 1 1 - Light | B Small | A Air-Tight NC | S Trimless | 11L 11W (825lm Bridgelux) | LD LED Driver | AD Adjustable | 1 120 U 120-277 | IC Insulated Ceiling 20W Max |
| | | | | T Trimmed | 16L 16W (1100lm Bridgelux) 09C 9W (900lm Cree) 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) 28C 28W (2200lm Cree) 11A 11W (660lm Bridgelux Class A - Special White) 16A 16W (860lm Bridgelux Class A - Special White) 07S 7W (650lm Soraa Light Engine) 10S 10W (800lm Soraa Light Engine) 18S 18W (1000lm Soraa Light Engine) 25S 25W (1400lm Soraa Light Engine) | D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver D3 Lutron Hi-lume 1% Forward Phase Dimming Driver (120V only)** D4 Lutron Hi-lume 1% Eco-system or 3-Wire Dimming Driver** D5 Lutron Eco-5% Eco-System Dimming Driver** | FD Fixed | | |
| HVS Square Housing | | | | | 14R 14W (600lm LumaDIM/LumaTUNE)** 20R 20W (900lm LumaDIM/LumaTUNE)** | W2 0-10V Dimmable** W4 Lutron Eco-system Dimmable** W8 DALI Control** W9 DMX Control** | | | |

* Consult spec sheets for CRI, Color Temp, & Beam specs

| MR16 / CMHMR16 Ordering Info | | |
|------------------------------|-------------------------|--------------------|
| Lamp Wattage | Source | Power Supply |
| 015 15 Watts | MR16X MR16 LED Retrofit | ET Elec Xfmr |
| 020 20 Watts | MR16X MR16 Halogen | MT Mag Xfmr |
| 037 37 Watts | | TT Toroid Xfmr |
| 050 50 Watts | | |
| 020 20 Watts | CM16X MR16 Metal Halide | EB Elec MH Ballast |
| 039 39 Watts | | |



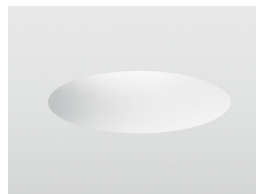
VF300

Plaster Trimless

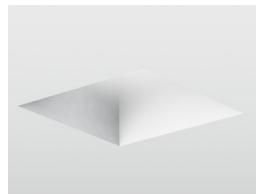
Fixed or Adjustable

LED / MR16 / CMHMR16

A virtually undetectable transition between lighting and ceiling. The VF300 from LF Illumination is a breakthrough in recessed trimless lighting concepts. The aperture and throat of the fixture are fabricated from plaster, and therefore, fully paintable. The ceiling drywall is cutout larger than the final finished opening so that the mudding compound can be applied directly to the edge of the aperture. Final paint can be applied inside the throat of the fixture for true seamlessness in the installation that matches whatever paint used for the ceiling.



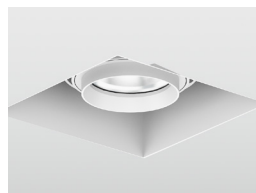
Round Fixed



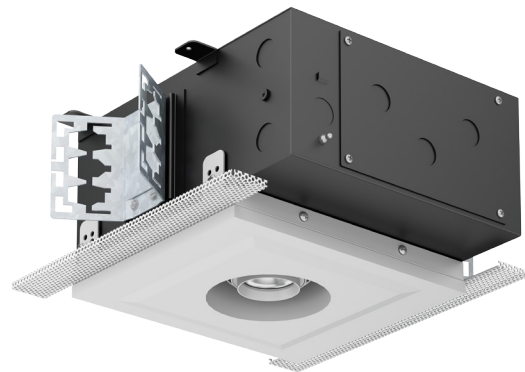
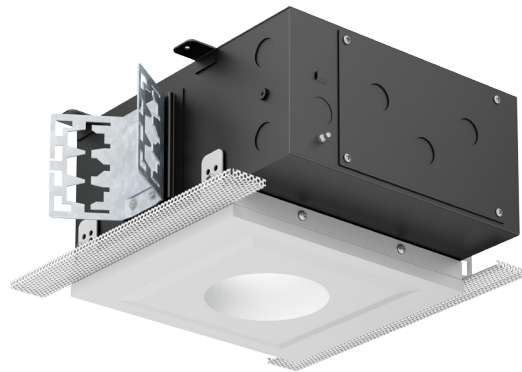
Square Fixed



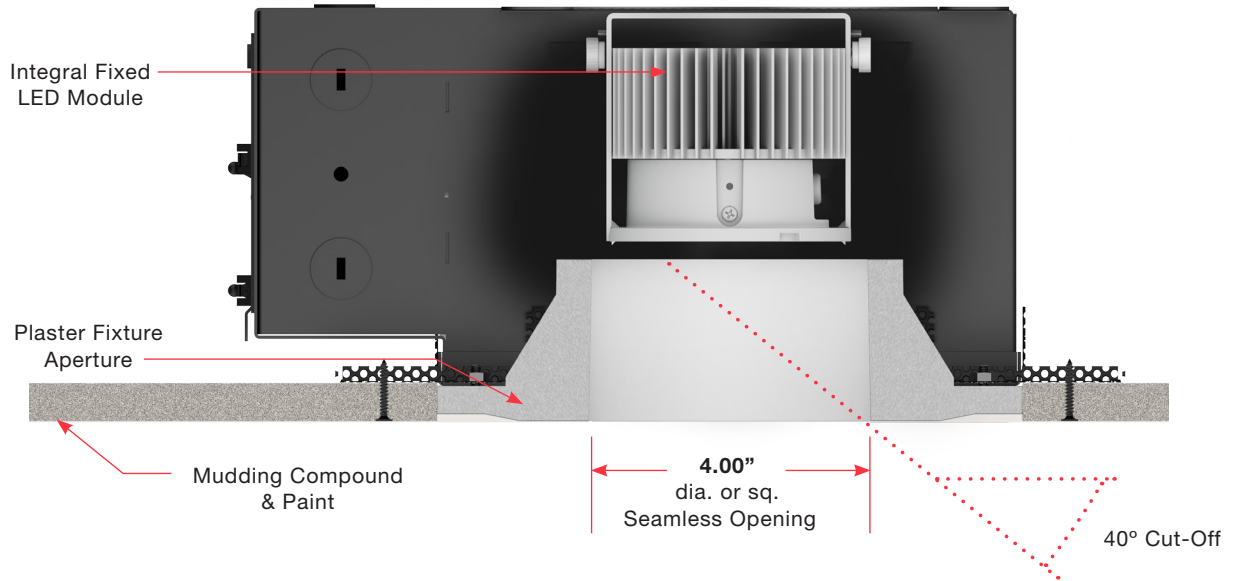
Round Adjustable



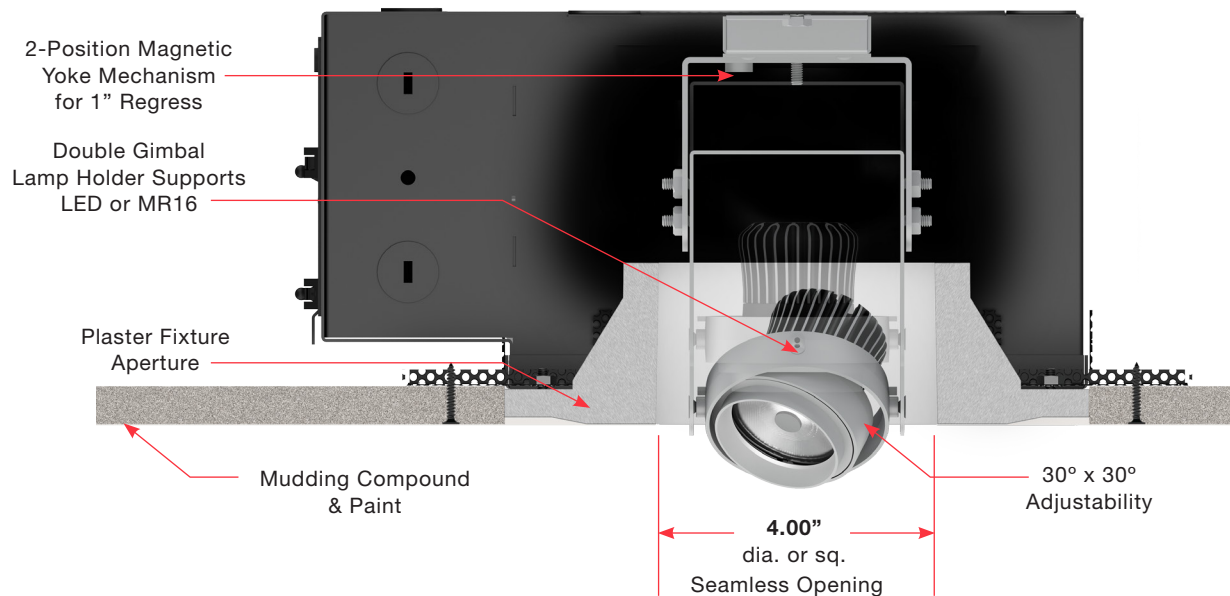
Square Adjustable



VF300 Fixed Position Integral LED Fixture



VF300 Adjustable Double Gimbal for LED or MR16



Round Fixed



- Fixed trimless downlight with paintable plaster
- Suitable for drywall or other plaster-in ceiling types
- Deep 4.0" aperture throat with 40° cut-off
- Field-changeable LED module
- LED with optional 2700K - 1800K sunset dimming
- Cree LMH2 High CRI Module, Wide beam, w/white finish cover
- Ø2.38" integral white lens module
- Power supply removable for maintenance through ceiling opening
- Air-tight, Type IC rated (25W max)

4" TRIMLESS

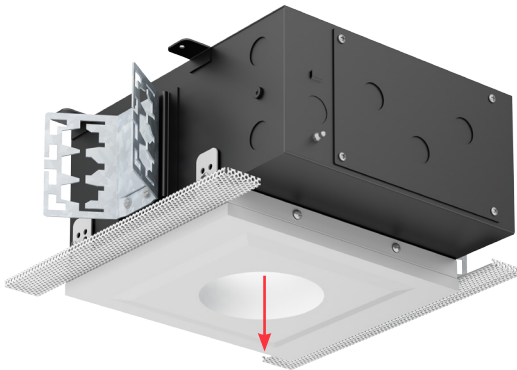
LED

Round Fixed Plaster



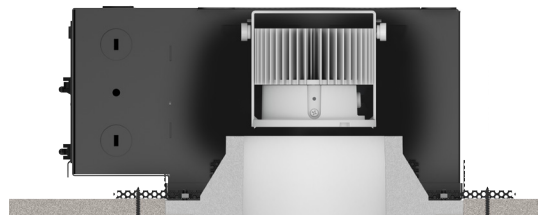
| LED Ordering Info | | | | | | | | | |
|-------------------|----------------------------|--------------|--|---------------------|----------------|---|----------------|-------------------|----------------------------|
| Cat# | LED Wattage / Type | CRI | Color | Beam | Lamp Mechanism | Power Supply | Voltage | Finish | Options |
| VF3R1BAS | 11M 11W (850lm Cree LMH2) | 90 90CRI min | 27 2700K | V Very Wide 60°+ | FD Fixed | LD LED Driver | 1 120 U UNV | MW Matte White | IC IC Rated 25W or Less |
| | 16M 16W (1250lm Cree LMH2) | | 30 3000K | | | D1 LED Phase Dimming Driver (120V only) | | | |
| | 25M 25W (2000lm Cree LMH2) | | 35 3500K | | | D2 0-10 Dimming Driver | | | |
| | 35M 35W (3000lm Cree LMH2) | | 40 4000K 18 2700K~1800K Sunset Dimming | | | | | | |
| | | | | | | **consult factory for other dimming options | | | |

VF3R1BAS - FD



VF300 Round Trimless
Small Size Housing
0° Fixed Downlight

Fixed Position



Round Adjustable

- Adjustable trimless downlight with paintable plaster
- 2-Position Magnetic adjustable yoke mechanism for 1" regress
- Double gimbal lamp holder with 30° x 30° adjustability
- Suitable for drywall or other plaster-in ceiling types
- Deep 4.0" aperture throat
- Field-changeable LED module or 12V MR16
- Multiple LED module choices
- Power supply removable for maintenance through ceiling opening
- Air-tight, Type IC rated (25W max)



4" TRIMLESS

LED

Round Adjustable Plaster

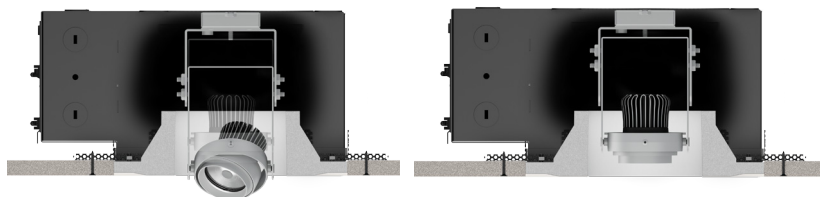
| LED Ordering | | | | | |
|--------------|--|--|---|--|----------------------|
| Cat# | LED Wattage / Type | CRI | Color | Beam | Lamp Mechanism |
| VF3R1BAS | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | AD Adjustable |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | |
| | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° | AD Adjustable |
| | 14C 14W (1200lm Cree) | 95 95CRI typ | 30 3000K | M Medium 28° | |
| | 20C 20W (1600lm Cree) | | 35 3500K 40 4000K | W Wide 42° | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | | AD Adjustable |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | | |
| | 07S 7W (650lm Soraa Light Engine) | 80 80CRI min | 27 2700K | N Narrow 9° | AD Adjustable |
| | 10S 10W (800lm Soraa Light Engine) | 95 95CRI typ | 30 3000K 40 4000K | | |

| Power Supply | Voltage | Finish | Options |
|---|------------------------------|-----------------------|--------------------------------|
| LD LED Driver D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver | 1 120 U UNV | MW Matte White | IC IC Rated 25W or Less |
| **consult factory for other dimming options | | | |

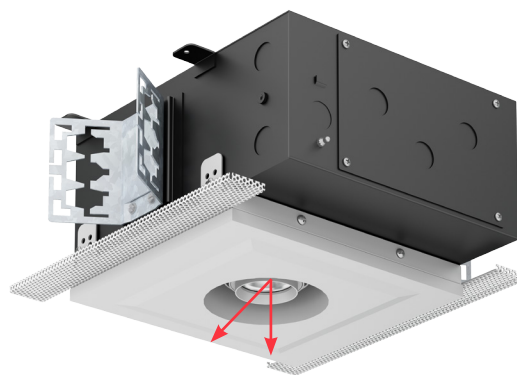
| MR16 / CMHMR16 Ordering Info | | |
|------------------------------|---|---------------------------|
| Lamp Wattage | Source | Power Supply |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen | ET Elec Xfmr |
| 020 20 Watts | | MT Mag Xfmr |
| 037 37 Watts | | TT Toroid Xfmr |
| 050 50 Watts | | |
| 020 20 Watts | CM16X MR16 Metal Halide | EB Elec MH Ballast |
| 039 39 Watts | | |

Lower Yoke Position

Upper Yoke Position

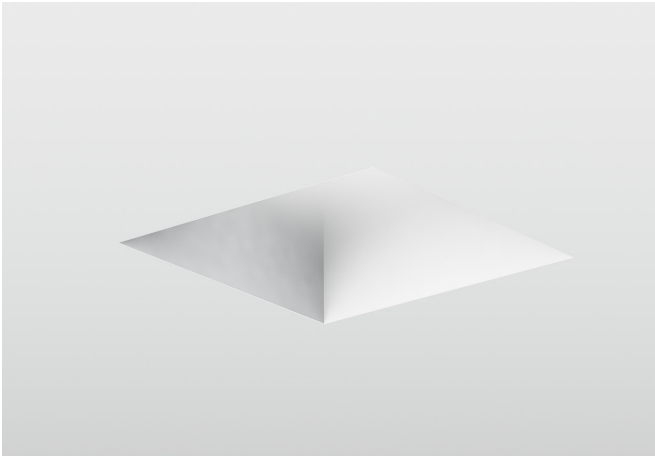


VF3R1BAS - AD



VF300 Round Trimless
Small Size Housing
0° - 30° Adjustable Downlight

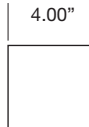
Square Fixed



- Fixed trimless downlight with paintable plaster
- Suitable for drywall or other plaster-in ceiling types
- Deep 4.0" aperture throat with 40° cut-off
- Field-changeable LED module
- LED with optional 2700K - 1800K sunset dimming
- Cree LMH2 High CRI Module, Wide beam, w/white finish cover
- Ø2.38" integral white lens module
- Power supply removable for maintenance through ceiling opening
- Air-tight, Type IC rated (25W max)

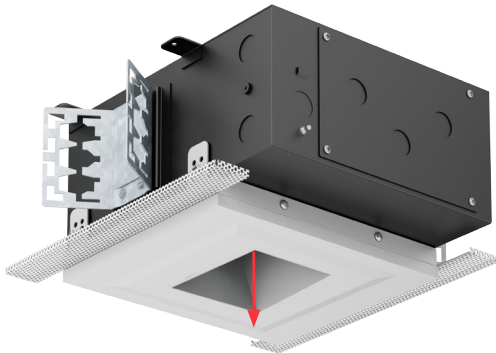
4" TRIMLESS

LED
Square Plaster



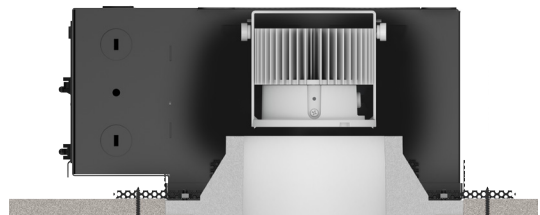
| LED Ordering Info | | | | | | | | | |
|-------------------|-----------------------------------|---------------------|---|-------------------------|-----------------|--|------------------------------|-----------------------|--------------------------------|
| Cat# | LED Wattage / Type | CRI | Color | Beam | Lamp Mechanism | Power Supply | Voltage | Finish | Options |
| VF3S1BAS | 11M 11W (850lm Cree LMH2) | 90 90CRI min | 27 2700K | V Very Wide 60°+ | FD Fixed | LD LED Driver D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver **consult factory for other dimming options | 1 120 U UNV | MW Matte White | IC IC Rated 25W or Less |
| | 16M 16W (1250lm Cree LMH2) | | 30 3000K | | | | | | |
| | 25M 25W (2000lm Cree LMH2) | | 35 3500K | | | | | | |
| | 35M 35W (3000lm Cree LMH2) | | 40 4000K 18 2700K~1800K Sunset Dimming | | | | | | |

VF3S1BAS - FD



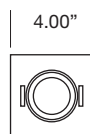
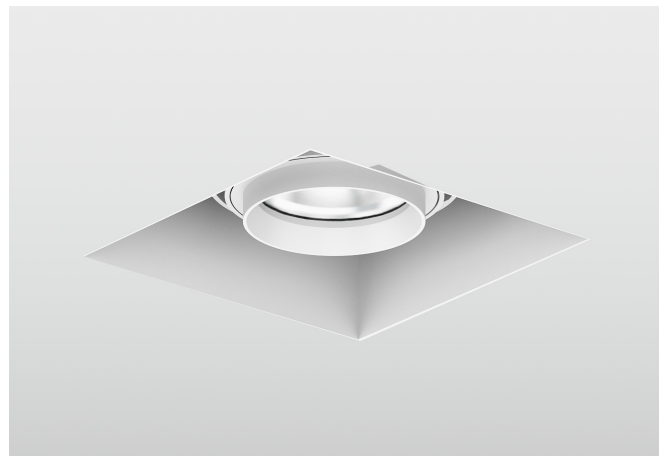
VF300 Square Trimless
Small Size Housing
0° Fixed Downlight

Fixed Position



Square Adjustable

- Adjustable trimless downlight with paintable plaster
- 2-Position Magnetic adjustable yoke mechanism for 1" regress
- Double gimbal lamp holder with 30° x 30° adjustability
- Suitable for drywall or other plaster-in ceiling types
- Deep 4.0" aperture throat
- Field-changeable LED module or 12V MR16
- Multiple LED module choices
- Power supply removable for maintenance through ceiling opening
- Air-tight, Type IC rated (25W max)



4" TRIMLESS
LED
Square Plaster

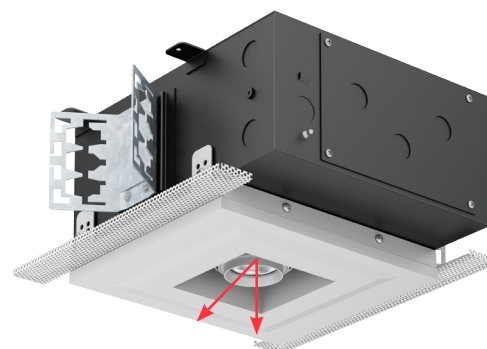
| LED Ordering Info | | | | | |
|-------------------|--|--|---|--|----------------------|
| Cat# | LED Wattage / Type | CRI | Color | Beam | Lamp Mechanism |
| VF3S1BAS | 11L 11W (825lm Bridgelux) | 80 80CRI min | 27 2700K | N Narrow 16° | AD Adjustable |
| | 16L 16W (1100lm Bridgelux) | 90 90CRI min 97 97CRI typ | 30 3000K 35 3500K (97CRI n/a) 40 4000K (97CRI n/a) | M Medium 28° W Wide 42° | |
| | 09C 9W (900lm Cree) | 80 80CRI min | 27 2700K | N Narrow 16° | AD Adjustable |
| | 14C 14W (1200lm Cree) 20C 20W (1600lm Cree) | 95 95CRI typ | 30 3000K 35 3500K 40 4000K | M Medium 28° W Wide 42° | |
| | 11A 11W (660lm Bridgelux Class A - Special White) | 93 93CRI typ | 30 3000K | | AD Adjustable |
| | 16A 16W (860lm Bridgelux Class A - Special White) | | 35 3500K 40 4000K | | |
| | 07S 7W (650lm Soraa Light Engine) | 80 80CRI min | 27 2700K | N Narrow 9° | AD Adjustable |
| | 10S 10W (800lm Soraa Light Engine) | 95 95CRI typ | 30 3000K 40 4000K | | |

| Power Supply | Voltage | Finish | Options |
|---|------------------------------|-----------------------|--------------------------------|
| LD LED Driver D1 LED Phase Dimming Driver (120V only) D2 0-10 Dimming Driver | 1 120 U UNV | MW Matte White | IC IC Rated 25W or Less |

**consult factory for other dimming options

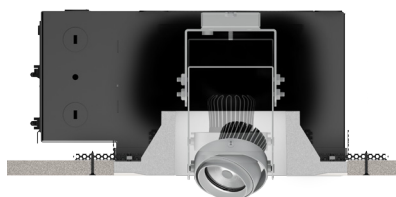
| MR16 / CMHMR16 Ordering Info | | |
|------------------------------|---|---------------------------|
| Lamp Wattage | Source | Power Supply |
| 015 15 Watts | MR16X MR16 LED Retrofit MR16X MR16 Halogen | ET Elec Xfmr |
| 020 20 Watts | | MT Mag Xfmr |
| 037 37 Watts | | TT Toroid Xfmr |
| 050 50 Watts | | |
| 020 20 Watts | CM16X MR16 Metal Halide | EB Elec MH Ballast |
| 039 39 Watts | | |

VF3S1BAS - AD

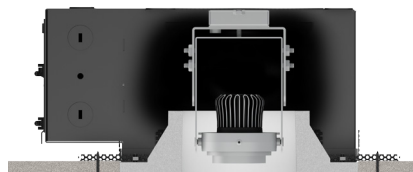


VF300 Square Trimless
Small Size Housing
0° - 30° Adjustable Downlight

Lower Yoke Position



Upper Yoke Position





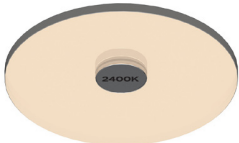
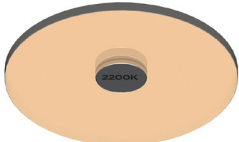



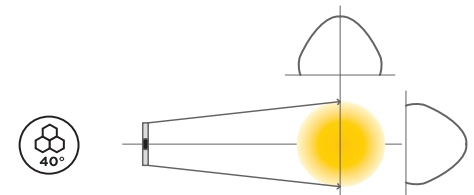
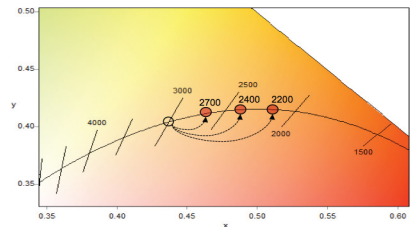
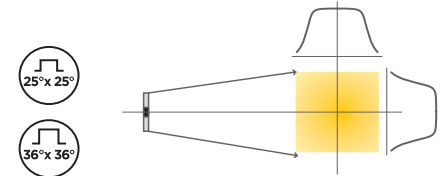
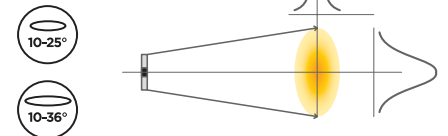
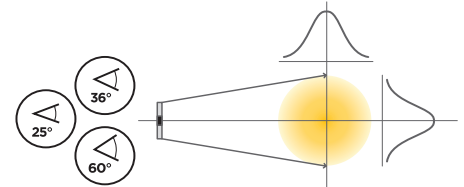


| LAMP | | MR16 / CMHMR16 / 50MM LED |
|---|---|--------------------------------------|
|  | Clear Lens Clear Lens - LED Film | OPTB-CLR OPTB-L-CLR |
|  | UV Lens | OPTB-UVL |
|  | Hex Cell Louver | OPTB-HXL |
|  | Diffusion Lens Diffusion Lens - LED Film | OPTB-DFL OPTB-L-DFL |
|  | Linear Spread Lens Linear Spread Lens - LED Film | OPTB-LSL OPTB-L-LSL |
|  | Prismatic Spread Lens | OPTB-PSL |

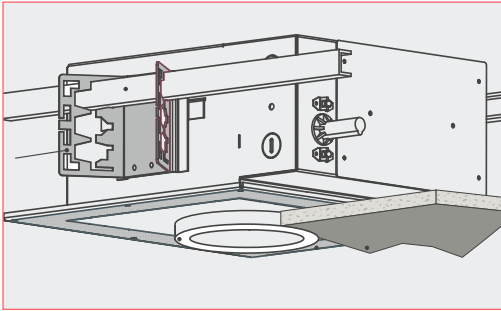
LED Light Engine Snap Accessories



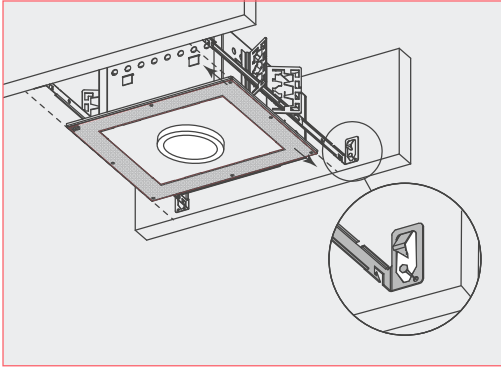
| LAMP | 2" LED Light Engine | 4" LED Light Engine |
|--|--|--|
|  <p>Prismatic Spread Lens</p> | 25° - OPTB-SLX16-MED25 36° - OPTB-SLX16-WID36 60° - OPTB-SLX16-VWD60 | 25° - OPTD-SLX30-MED25 36° - OPTD-SLX30-WID36 60° - OPTD-SLX30-VWD60 |
|  <p>Linear Spread Lens</p> | 10°-25° - OPTB-SLX16-LSN 10°-36° - OPTB-SLX16-LSL | 10°-36° - OPTD-SLX30-LSL |
|  <p>Flat Top Spread Lens</p> | 25°x25° - OPTB-SLX16-FT2 36°x36° - OPTB-SLX16-FT3 | N/A |
|  <p>CCT Shifter CTO 1/4</p> | OPTB-SLX16-14CTO | OPTB-SLX30-14CTO |
|  <p>CCT Shifter CTO 1/2</p> | OPTB-SLX16-12CTO | OPTB-SLX30-12CTO |
|  <p>CCT Shifter CTO 3/4</p> | OPTB-SLX16-34CTO | OPTB-SLX30-34CTO |
|  <p>Hex Cell Louver 40° Cut-Off</p> | OPTB-SLX16-HXL | OPTD-SLX30-HXL |



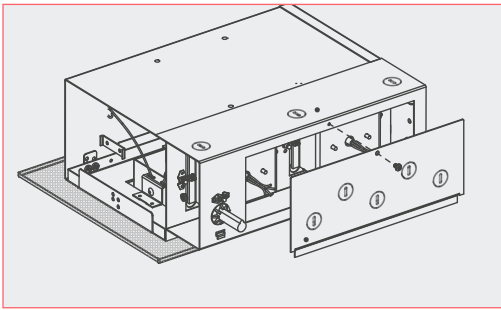
VF100 Installation



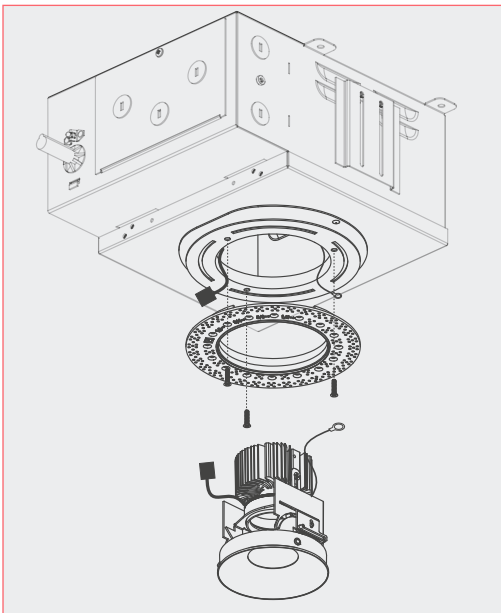
BUTTERFLY BRACKET MOUNTING



HANGER BAR MOUNTING

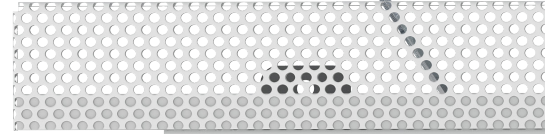


WIRING



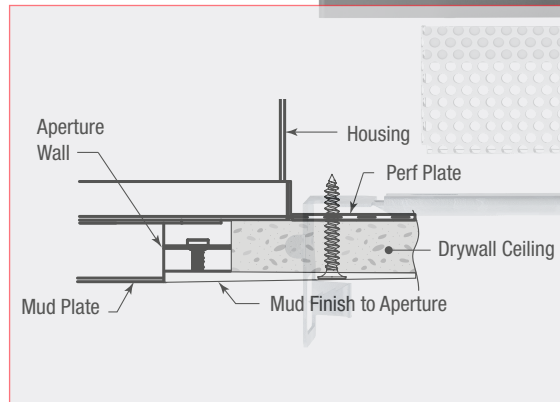
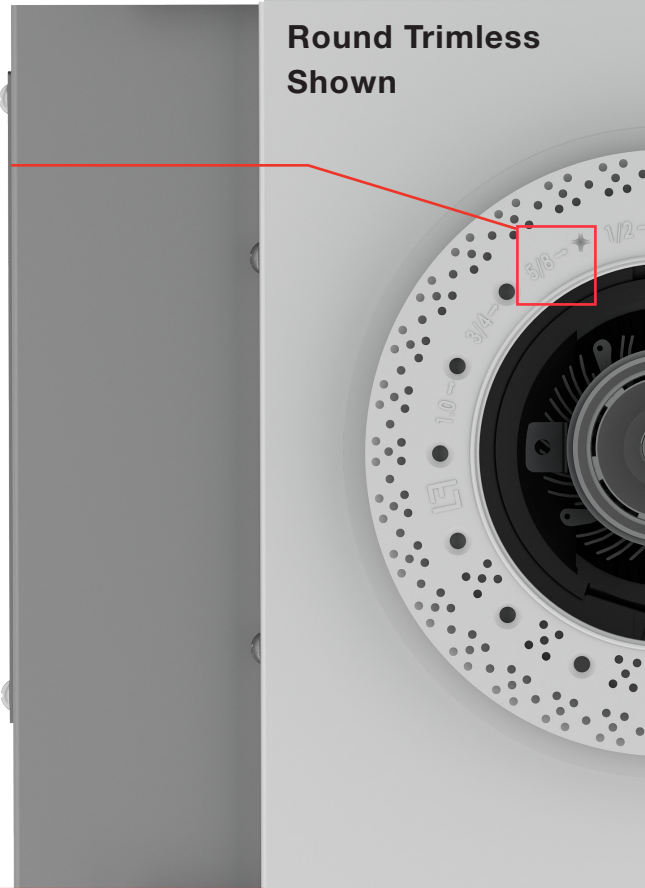
INSTALLATION OF VF100 LAMP MODULE AND TRIM

This represents a high-level overview of the common steps involved in installing a VF Series new construction housing. This is not to be used as an official installation guide. Consult the LF web site for official installation instructions.

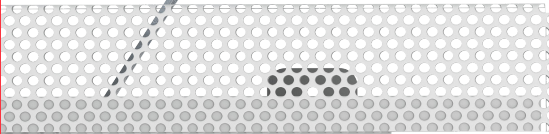


Round Trimless Shown

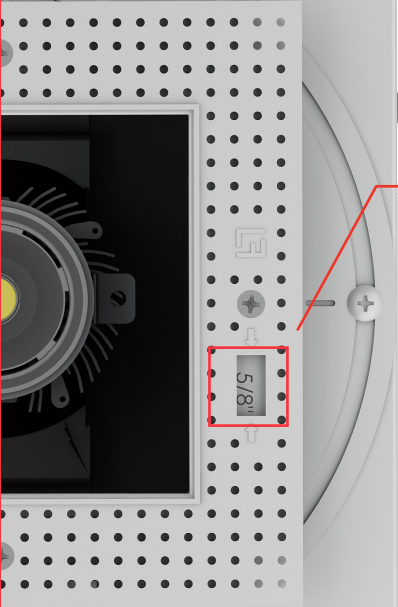
**CEILING THICKNESS INDICATORS
EMBOSED ON THE TRIMLESS
RING FACE**
1/2" 5/8" 3/4" 1"



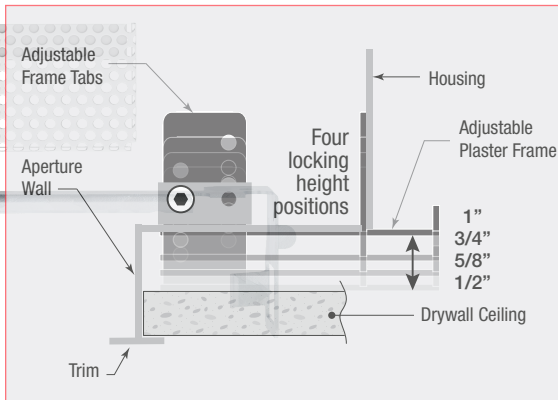
VF100 TRIMLESS DETAIL



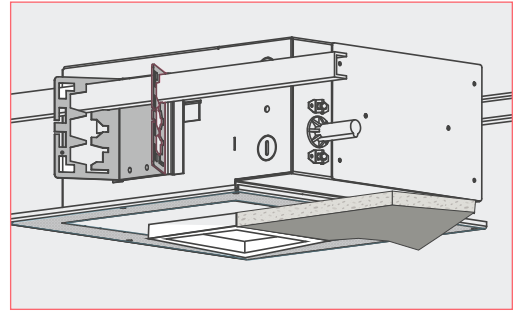
**Square Trimless
Shown**



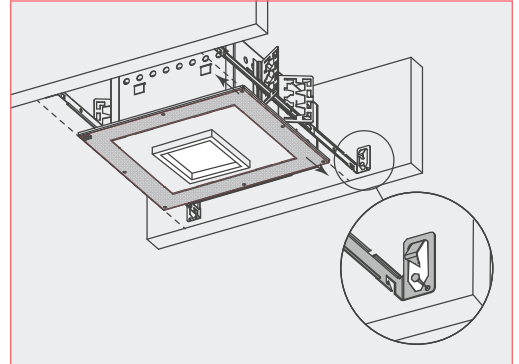
**CEILING THICKNESS INDICATORS ON EACH
SIDE OF SQUARE TRIMLESS RING**
1/2" 5/8" 3/4" 1"



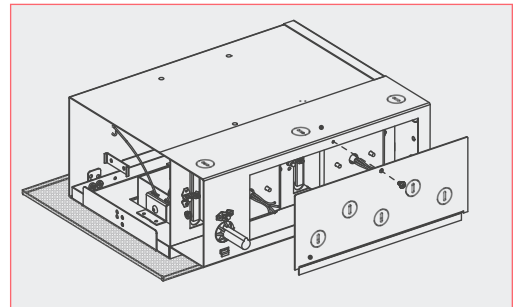
VF150 TRIM DETAIL



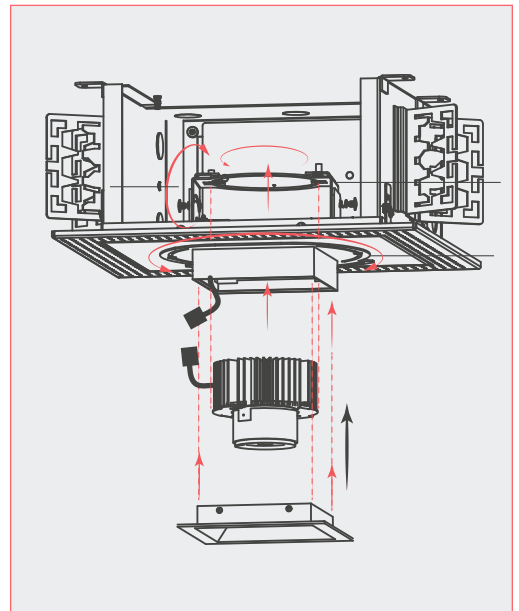
BUTTERFLY BRACKET MOUNTING



HANGER BAR MOUNTING



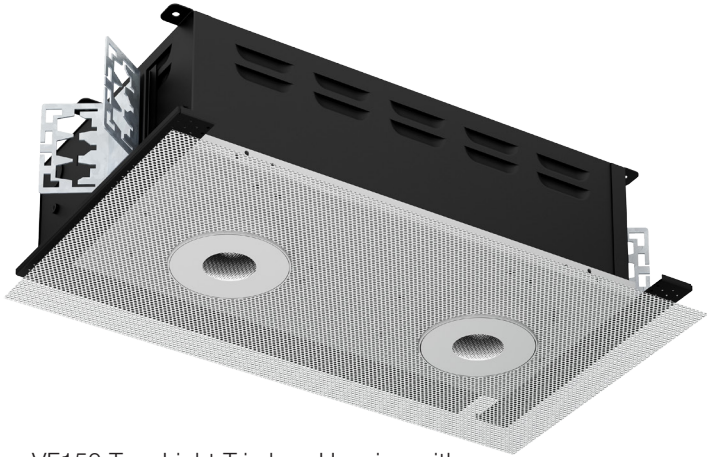
WIRING



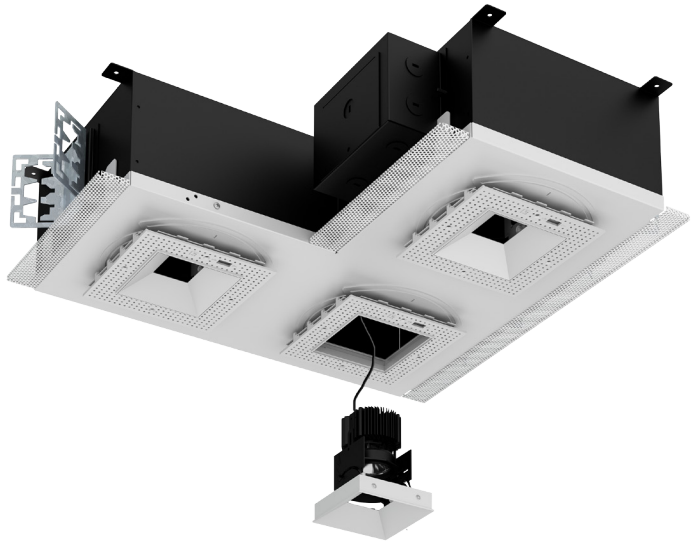
INSTALLATION OF VF150 LAMP MODULE AND TRIM

Special Projects

LF has completed many special projects with custom fixtures designed exactly to the designers requests. The example shown here demonstrates the flexibility of using multiple VF series fixtures in one housing. Below are 2, 3, 4, and 3-light "L" fixtures using a variety of VF100 and VF150 fixtures in both trim or trimless housings. These housings can be mounted end-to-end to create continuous runs of recessed fixtures spaced 10" o/c.



VF150 Two-Light Trimless Housing with Round Flat Adjustable Downlights



VF100 Three-Light "L" Trim Housing with Square Beveled Adjustable Downlights



VF100 Three-Light Trim Housing with Square Flat Adjustable Downlights



VF150 Four-Light Trim Housing with Round Beveled Adjustable Downlights

VF100










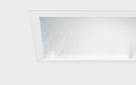












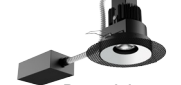
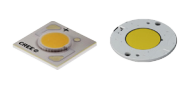





Trim Based Adjustment & Aiming - LED / MR16 / CMHMR16

VF150

Housing Based Adjustment & Aiming - LED / MR16 / CMHMR16

VF300

Plaster Trimless Fixed or Adjustable - LED / MR16 / CMHMR16

| | Round Beveled | Square Beveled | Round Flat | Square Flat | Round Wall Wash | Square Wall Wash | Round Beveled | Square Beveled | Round Flat | Square Flat | Round Beveled Small Aperture | Square Beveled Small Aperture | Round Flat Small Aperture | Square Flat Small Aperture | Round Wall Wash | Square Wall Wash | Round Fixed | Square Fixed | Round Adjustable | Square Adjustable |
|--|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TRIMLESS | 9411 - Fixed 9421 - Adjustable | 9412 - Fixed 9422 - Adjustable | 9011 - Fixed 9021 - Adjustable | 9012 - Fixed 9022 - Adjustable | 9431 - 30° Fixed | 9432 - 30° Fixed | 9701 | 9702 | 9801 | 9802 | 9601 | 9602 | 9901 | 9902 | 9631 | 9632 | ✓ | ✓ | ✓ | ✓ |
| TRIMMED | 8411 - Fixed 8421 - Adjustable | 8412 - Fixed 8422 - Adjustable | 8011 - Fixed 8021 - Adjustable | 8012 - Fixed 8022 - Adjustable | 8431 - 30° Fixed | 8432 - 30° Fixed | 8701 | 8702 | 8801 | 8802 | 8601 | 8602 | 8901 | 8902 | 8631 | 8632 | n/a | n/a | n/a | n/a |
|  Mini New Construction | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Fixed Downlight Only | Fixed Downlight Only | Fixed Downlight Only | Fixed Downlight Only | Fixed Downlight Only | Fixed Downlight Only | Fixed Downlight Only | Fixed Downlight Only | n/a | n/a | n/a | n/a | n/a | n/a |
|  Small New Construction | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
|  Remodel | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
|  LED | Adjustable or Fixed in Small Housing Fixed only in Mini Housing | Adjustable or Fixed in Small Housing Fixed only in Mini Housing | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
|  MR16 / CMHMR16 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | n/a | n/a | ✓ | ✓ |
|  2" LED Light Engine | n/a | n/a | n/a | n/a | n/a | n/a | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
|  4" LED Light Engine | n/a | n/a | n/a | n/a | n/a | n/a | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | n/a | n/a | n/a | n/a |
|  LumaTUNE | n/a | n/a | n/a | n/a | n/a | n/a | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | n/a | n/a | n/a | n/a |
|  LumaDIM | n/a | n/a | n/a | n/a | n/a | n/a | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | n/a | n/a | n/a | n/a |
| FIXED POSITION | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | n/a | n/a |
| ADJUSTABLE | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | ✓ | ✓ |
| ADJUSTABLE W/ HOT AIMING | ✓ | ✓ | ✓ | ✓ | n/a | n/a | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | n/a | n/a | n/a | n/a | n/a | n/a |



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We reserve the right to change or withdraw specifications without prior notice.

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