VF150 Series - 9601 Trim

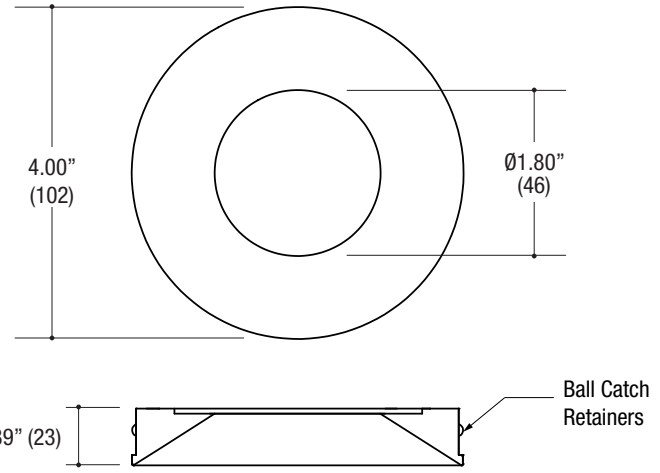
RECESSED ROUND BEVEL ACCENT **1-LIGHT**

TRIMLESS **LumaDIM™ / LumaTUNE™** **LED**

PROJECT	TYPE	CATALOG NUMBER

9601 **SMALL APERTURE ROUND BEVEL ACCENT** - The VF150 Series family of products meet and exceed the needs of today's lighting designers and specifiers that are seeking performance. Formed of die-cast aluminum.

Measurements in ( ) are metric equivalents.



Specifications

ROUND TRIMLESS DOWNLIGHT

- Fixed or adjustable light output application
- Ø4.00" beveled die-cast aluminum
- Small 1.80" round aperture
- Trimless insert
- Accepts up to 2 or more optical accessories
- Ball catch retainer for easy trim insertion and removal with safety cable included
- Powder coat finish

TRIM ORDERING INFO

TRIM SERIES	TRIM FINISH	LAY-IN LENS / FILM
9601 **4.00" Round Bevel Accent** Small Aperture Die-Cast Flat Trimless Insert	**MB** Black **MW** White **XX** Custom	**CL** Clear Lens **DL** Diffused Lens **DF** Diffused Film **WF** Wide Distribution Film **SHCL** Shower Rated Clear Lens **SHDL** Shower Rated Diffused Lens **SHDF** Shower Rated Diffused Film **SHWF** Shower Rated Wide Distribution Film

Example: **9601-MW-CL**

5 YEAR WARRANTY Limited

HOUSING ORDERING INFO

SERIES	WATTAGE	CRI / COLOR	BEAM	HSG TYPE	DIMMING	VOLTAGE	OPTIONS
HVR-1BA-S **Small Round Trimless** New Construction Housing Black finish is standard	**14R** 14W LED **20R** 20W LED	**9018** 90CRI **LumaDIM™** 3000-1800K **CT16** 90CRI **LumaTUNE™** 4000-1650K	**N*** Narrow 20° **M** Medium 40° (Use lay-in film for wide distributions) *Consult factory for accessories option	**FD** Fixed **AD** Adjustable	**W1** 0-10V (9018) 0-10V, Bluetooth or DMX (CT16) **W4** EcoSystem Compatible (Remote DCA required-See accessory page for options) **W5** EcoSystem Ready Integral 1 Channel DCA (9018) **W6** EcoSystem Ready Integral 2 Channel DCA (CT16) **W7** EcoSystem Ready Integral 4 Channel DCA (CT16)	**U** 120-277V	**IC** Insulated Ceiling **EM** Remotely Mounted Emergency LED Inverter
HVR-1BA-S							

Ordering Example: **HVR-1BA-S-14R-9018-M-AD-W1-U-EM**

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HEADQUARTERS
9200 Deering Avenue
Chatsworth CA 91311

Telephone: 818-885-1335
Toll Free: 855-885-1335
Fax: 818-576-1335

www.lfillumination.com

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VF150 Series Housings

ROUND FIXED AND ADJUSTABLE RECESSED DOWNLIGHT

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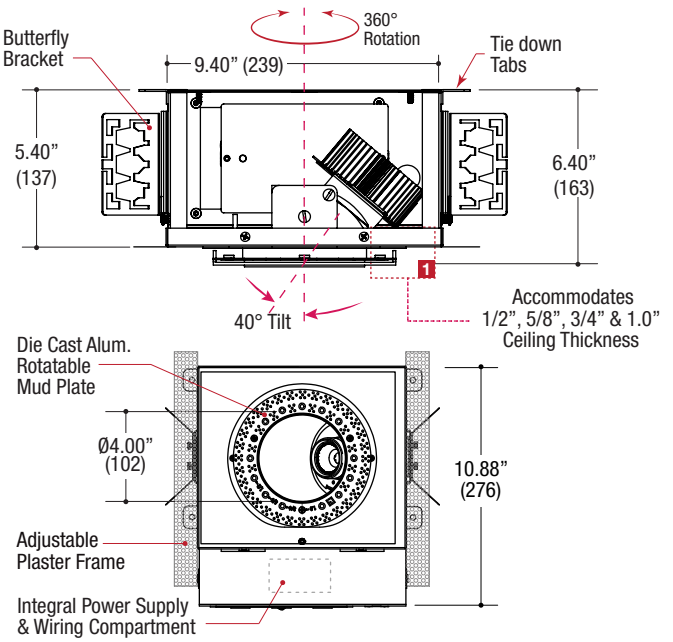


(HVR-1BA-S)

SMALL SIZED HOUSING

(AD) Adjustable Downlight

(FD) Fixed Downlight (Also available)

LumaDIM™

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

LEDs have proven an effective source for many lighting applications. In the case of architectural lighting, accent and display applications have been the most widely used. Until now these designs have been limited to a single color temperature. Today, with greatly improved color quality and warm CCTs at high CRI levels, LEDs are now being used in hospitality and other areas where the effect of a "warm incandescent" type of lighting is needed. **Luma**DIM™ from LF Illumination can dim our VF100 LED products from a 3000K CCT at full brightness to 1800K at 1% of full range, and maintain a 90 CRI throughout, creating a warm output never before achievable with LED sources.

LumaTUNE™

VF150 and **Luma**TUNE™ together provide a whole new level for white light technology, 100% - 1% tunable and dimmable

In the case of architectural lighting, the range of applications have been greater and specifications more demanding of LED technology. Typically these LED designs have been limited to a single color temperature. **Luma**TUNE™ offers a tunable range of 1650-4000K at high CRI levels. Dimming to 1% with fixed CCT or Dimming to 1% with variable CCT to replicate halogen dimming profiles. Rather it be specification grade directional downlight, retail, accent, cosmetic-counters, hospitality or museums LF Illumination's **Luma**TUNE™ offers greater versatility for the lighting designer's ever challenging demands.

Specifications

ROUND TRIMLESS HOUSING

- Housing of all steel construction
- Adjustable plaster frame
- Black powder coat finish
- **Ceiling Cut-out - Ø6.50"**

LED TECHNOLOGIES

LumaDIM™ Warm dimming LED

- 14W / 600lm, 90CRI / 3000-1800K
- 20W / 900lm, 90CRI / 3000-1800K

(Click for more about LumaDIM™)

LumaTUNE™ Adjustable color tuning

- 14W / 600lm, 90CRI / 4000-1650K
- 20W / 900lm, 90CRI / 4000-1650K

(Click for more about LumaTUNE™)

ELECTRICAL

- Field-replaceable integral LED driver
- Electrical wiring compartment integrated into housing construction
- Internal thermal protection
- Easy maintenance access through ceiling opening
- Rated for through-branch wiring
- Optional dimming

MOUNTING

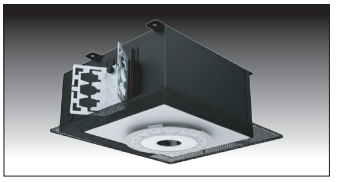
- Butterfly brackets for commercial installation in drywall and other mud in ceiling types
- Perforated plate adjusts for 1/2", 5/8", 3/4" & 1.0" ceiling thickness
- Includes Heavy-Duty **L-Bars**™ hanger bar system for residential installation

LABELS

- Suitable for damp location, except when ordered with shower trim - Suitable for wet location
- **Air-Tight / IC Optional**

Dimming

0-10V DIMMING COMPATIBILITY TABLE			
BRAND / MODEL	**PART #**	**BRAND / MODEL**	**PART #**
Lutron DIVA	DVSTV	Vantage INFUSION	LVOS-0-10-PWM-DIN
Lutron NOVA	NTFTV	Vantage INFUSION	LVOS-1-10-PWM-P
Lutron NOVA	NTTV	Crestron iLUX	CLS-EXP-DIMFLV
Lutron HWQS	LMJ-5T-DV-B	Crestron DIN	DIN-4DIMFLV4
Lutron POWPAK	RMJ-5T-DV-B	Crestron Green Light	GLX-DIMFLV8
Lutron Grafik Eye 3000	GRX-TVI	Crestron Green Light	GLXP-DIMFLV8
Lutron Grafik Eye 4000	GRX-TVI	Crestron DIN	DIN-A08
Lutron QS ENERGI SAVR	QNS-4T16-S		



(HVR-1BA-S)

SMALL SIZED HOUSING

5 YEAR WARRANTY Limited

IC / Air-Tight

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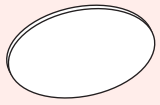
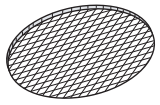
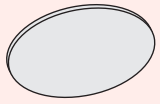
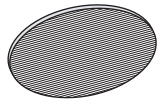
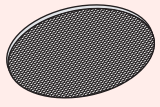
ILLUMINATION

OPTICAL ACCESSORIES

LumaDIM™ & LumaTUNE™ VF150

OPTICAL ACCESSORY	DESCRIPTION	LIGHT SOURCE • LED
	Clear Lens	OPTB-CLR Ø2.00" (51mm) nom.
	Clear Lens - LED Film	OPTB-L-CLR Ø2.00" (51mm) nom.
	UV Lens	OPTB-UVL Ø2.00" (51mm) nom.
	Hex Cell Louver	OPTB-HXL Ø2.00" (51mm) nom.
	Diffusion Lens	OPTB-DFL Ø2.00" (51mm) nom.
	Diffusion Lens - LED Film	OPTB-L-DFL Ø2.00" (51mm) nom.
	Linear Spread Lens	OPTB-LSL Ø2.00" (51mm) nom.
	Linear Spread Lens - LED Film	OPTB-L-LSL Ø2.00" (51mm) nom.
	Prismatic Spread Lens	OPTB-PSL Ø2.00" (51mm) nom.
	RACK-MOUNTED / Remote EcoSystem DCA 1-Channel For LumaDIM Dimming (9018)	LF-LTDCA1
	RACK-MOUNTED / Remote EcoSystem DCA 2-Channel For LumaTUNE Dimming & CCT Control (CT16)	LF-LTDCA2
	RACK-MOUNTED / Remote EcoSystem DCA 4-Channel For LumaTUNE Dimming & Full Color Control CCT, Saturation, CT & Intensity (CT16)	LF-LTDCA4

* Other filters, colored glass, dichroics & micro-lenses available upon request

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