

VELLA 2" RESIDENTIAL DOWNLIGHT

VM050-VF52RA01

By VONN Lighting

VONN

PROJECT:

TYPE:

CATALOG#:

DATE:




DESCRIPTION

The VELLA 2" Residential series is ideal for precise spot lighting or accent lighting, offering an almost invisible light aperture. Its highly modular design includes numerous mounting rings in both round and square options, available in adjustable and fixed configurations with various wattages to suit different needs. Additionally, a honeycomb filter can be added to maximize visual comfort.

FEATURES

- Elegant & compact in its style, versatile in its use.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Numerous mounting rings with round & square and adjustable & fixed options.
- Super modular design, replaceable mounting ring, beam lens and anti-glare accessories without any need for tools.
- Standard Dry Rated, optional Damp or Wet Rated
- Trim finish options: Matte Black, Matte White
- UGR<19

SPECIFICATION

	VM050	
WATTAGE	5 W	8 W
LUMEN OUTPUT	326 LM	519 LM
BEAM OPTICS	Narrow Spot: 15°, Spot: 24°, Flood: 38°, Wide Flood: 55°	
COLOR TEMP.	Static White: 2700K, 3000K, 3500K, 4000K Dim to Warm: 2000K - 3000K	
COLOR QUALITY	80+/90+, 3-step SDCM	
INPUT WATTAGE	5 W	8 W
INPUT VOLTAGE	120/277V input, 50/60Hz	
POWER FACTOR	Greater than 0.9	
DIMMING TYPE	Triac dimming & 0-10V dimming range: 1%-100%	
CEILING THICKNESS	 1 3/64" - 25 3/32" (5mm-20mm) Spring strip	
INSTALLATION	Remodel	
LISTINGS	ETL Listed to US and Canadian standards for damp locations. (IC) ETL listed for direct contact w/insulation.	
WARRANTY	5 year limited warranty	
AMBIENT OPERATING TEMPERATURE	-20°C to 40°C	
SYSTEM RATING	5000h @80% (L80)	

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

*Any custom modifications are subject to minimum order quantity. (M.O.Q.)

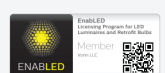
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VONN, LLC.

3323 NE 163rd St. PH-706
North Miami Beach, FL 33160

WWW.VONN.COM 888.604.8666

VONN, LLC. reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance.



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ORDERING INFORMATION

VM050	VF	5	2	-	-	-	-	-	-	-	-
Led Module	Trim	Dimensions of trim	Application	Trim Shape	Trim Style	Flangeless Trim	Safety Standard	Voltage	Lumen Output	Dimming Methods	Including Housing
VM050	VF	5 Nominal size: 60mm	2 Residential	RA Round adjustable	01 Standard	F Flangeless Trim	A American standard	MV 120-277V	L03 300lm	V 0-10V	R Remodel
									L05 500lm	T Triac	
										X 0-10V/Triac	
										D Dali	

ACCESSORIES (TO BE ORDERED SEPARATELY)
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY

☐ **HONEYCOMB FILTER**
VM050-H



☐ **SOFT LENS**
VM050-L



LUMEN MULTIPLIERS

CCT	MULTIPLIER	CRI	MULTIPLIER	STANDARD TRIM	MULTIPLIER
2700K	0.94	80+	1.19	VF53RA01 (Round adjustable)	1.00
3000K	1.00	90+	1.00	VF53SA01 (Square adjustable)	0.96
3500K	1.00				
4000K	1.05				

Applying Lumen Multipliers to Calculate Delivered Lumens

Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	x	CRI Multiplier	x	TRIM Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: VM050-VF52RF01 3500K 80+								
332 lm	x	1.05	x	1.19	x	0.96	=	398 lm

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Theoretical Wattage: XXX W (subject to change)

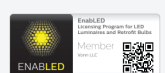
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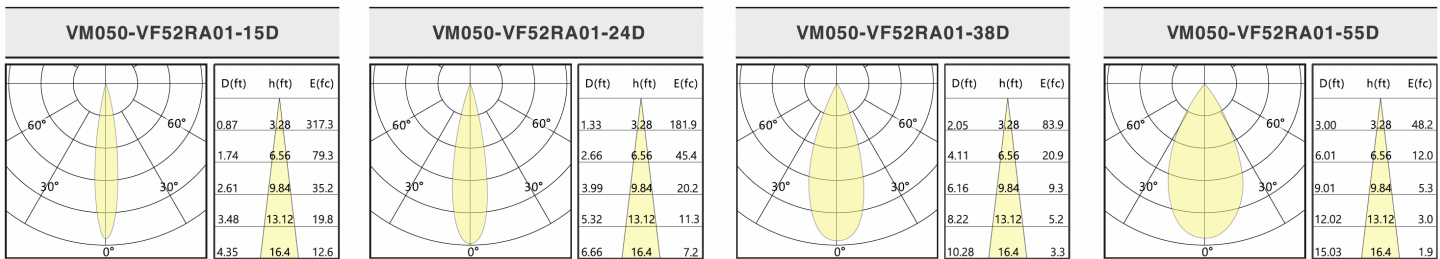
DATE:

PHOTOMETRIC DATA (NON-DIMMING)

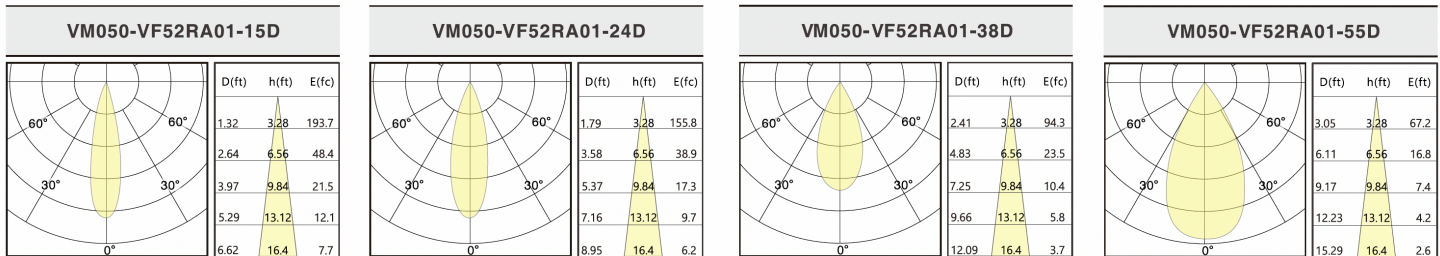
CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	5W	15°	306	59	3415
			24°	332	64	1954
			38°	331	64	906
			55°	318	62	538
		8W	15°	374	46	2089
			24°	458	56	1681
			38°	459	56	1017
			55°	471	57	730

Above test data is based on [Round Adjustable](#) trim with 3000K 90CRI LED.

VM050-VF52RA01 5W



VM050-VF52RA01 8W



Above test data is based on [Round Adjustable](#) trim with 3000K 90CRI LED.

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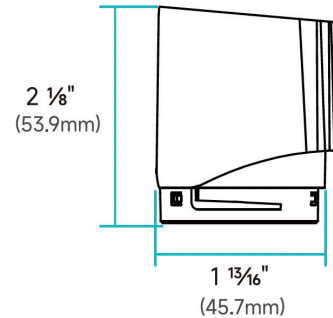
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DIMENSION

LED Module



VM050

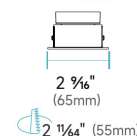


Trim For Residential Series



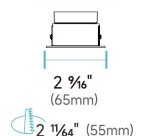
Round Pinhole
Adjustable

VF52RA01

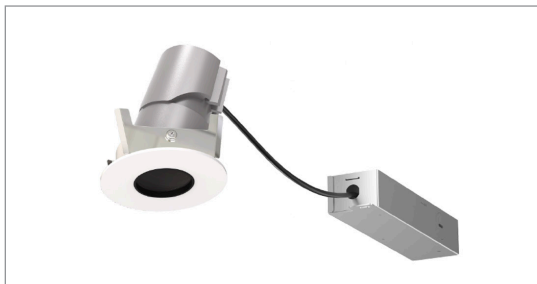


Oval Pinhole
Adjustable

VF52RA02



INSTALLATION

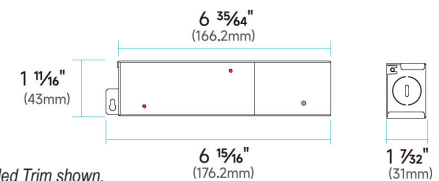


REMODEL

INSTALLATION

1. Direct connection with installed housing.
2. Operation temperature: -20°C - 40°C

DIMENSIONS FOR REMODEL MOUNTED DRIVER



Note: Total height varies depending on trim, Beveled Trim shown.
Maximum height: 3 5/16" (84.2mm)

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