

VELLA 4" COMMERCIAL DOWNLIGHT

VM070-VF73SA02

By VONN Lighting

VONN

PROJECT:

TYPE:

CATALOG#:

DATE:

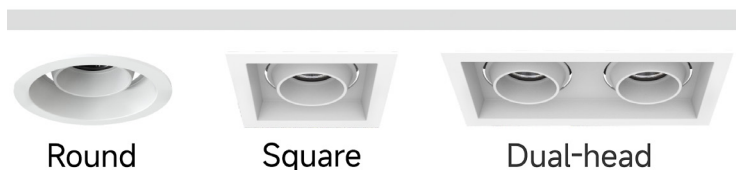


DESCRIPTION

The VELLA 4" Commercial Series offers a versatile lighting solution for any indoor retail or commercial environment. Available in both round and square designs, its super modular construction allows for seamless integration into any space. With a range of wattage options to suit different needs, the VELLA 4" ensures optimal illumination. For enhanced visual comfort, an optional honeycomb filter can be added, minimizing glare and creating a more pleasant lighting experience.

FEATURES

- Elegant and compact in style, yet highly versatile in use.
- Precise light control with beam lens options of 15°, 24°, 38°, and 55°.
- Round or square mounting rings, both featuring a 30° tiltable axis, with the option for a dual-head configuration.
- The super modular design allows for effortless replacement of the LED module, mounting ring, beam lens, and anti-glare accessories, all without the need for tools.



SPECIFICATION

	VM070	
WATTAGE	20 W	25 W
LUMEN OUTPUT	1945 LM	2245 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	20 W	25 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	 3/64" - 25/32" (1mm-20mm) Spring clip	
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	80% of initial lumens at 50000 hours (L80)	

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

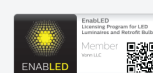
***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

*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

VM070	VF	7	3	-	-	-	-	-	-	-	-
Led Module	Trim	Dimensions of trim	Application	Trim Shape	Trim Style	Flangeless Trim	Safety Standard	Voltage	Lumen Output	Dimming Methods	Including Housing
VM070	VF	7 Nominal size: 70mm	3 Commercial	RA Round adjustable	01 Standard	F Flangeless Trim	A American standard	277 100-277V	L08 800lm	V 0-10V	C New Construction
				SA Square adjustable				120 100-120V	L12 1200lm	T Triac	R Remodel
										X 0-10V/Triac	H Housing

ACCESSORIES (TO BE ORDERED SEPARATELY)

FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY

☐ HONEYCOMB FILTER

VM070-H



☐ SOFT LENS

VM070-L



LUMEN MULTIPLIERS

CCT	MULTIPLIER	CRI	MULTIPLIER	STANDARD TRIM	MULTIPLIER
2700K	0.95	80+	1.23	VF73RA01 (Round adjustable)	1.00
3000K	1.00	90+	1.00	VF73SA01 (Square adjustable)	1.01
3500K	1.03			VF73SA02 (Square adjustable)	1.84
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: VM070-VF73SA01 3500K 80+								
1873.6 lm	X	1.03	X	1.23	X	1.01	=	2397.4 lm

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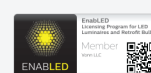
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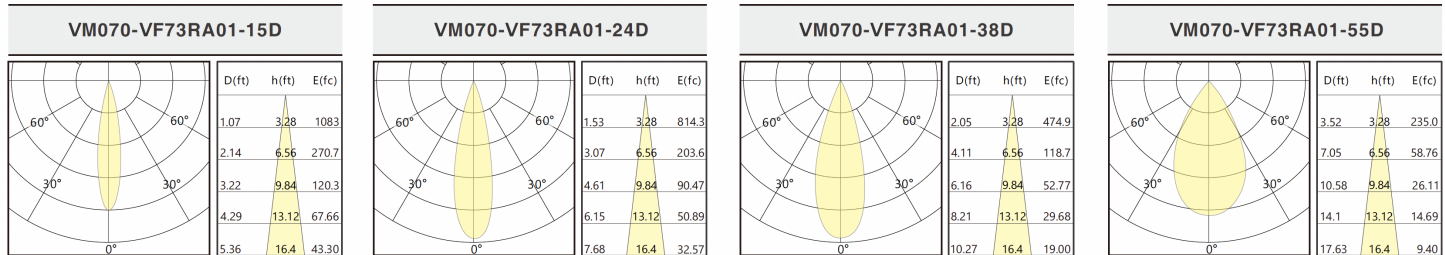
DATE:

PHOTOMETRIC DATA (NON-DIMMING)

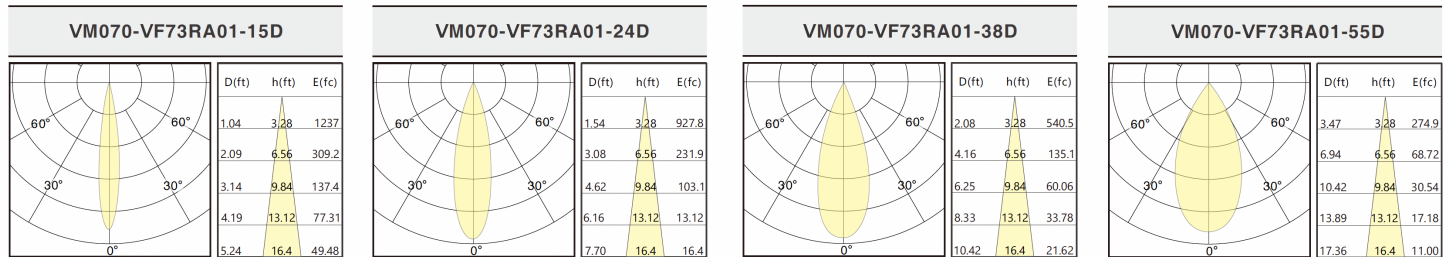
CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	20W	15°	1873	94	11763
			24°	1929	96	8774
			38°	1929	96	5126
			55°	1945	97	2523
		25W	15°	2123	88	13368
			24°	2214	92	9998
			38°	2220	92	5818
			55°	2245	93	2956

Above test data is based on **Round Adjustable** trim with 3000K 90CRI LED.

VM070-VF73RA01 20W



VM070-VF73RA01 25W



Above test data is based on **Round Adjustable** trim with 3000K 90CRI LED.

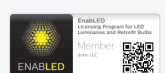
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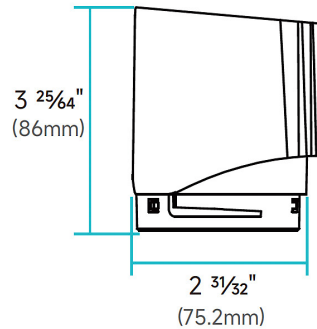
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DIMENSION

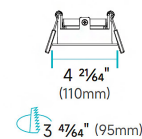
LED Module



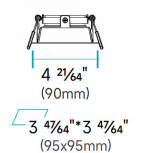
Trim For Commercial Series



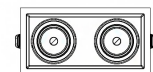
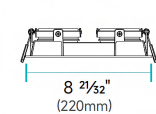
VF73RA01



VF73SA01



VF73SA02



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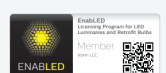
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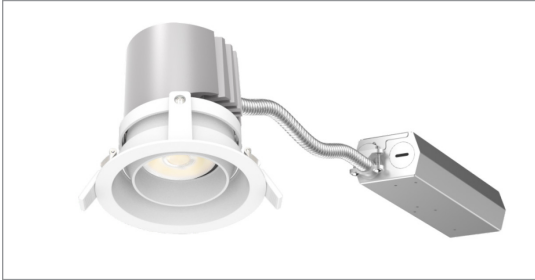
PROJECT:

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INSTALLATION

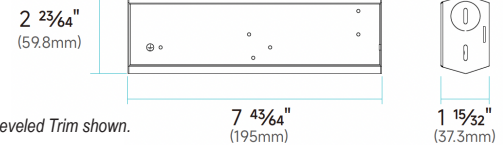


REMODEL

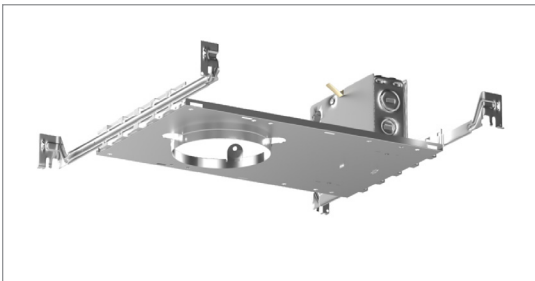
INSTALLATION

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.
Minimum height: 4 $\frac{27}{64}$ " (112.3mm)
Maximum height: 4 $\frac{27}{64}$ " (112.3mm)

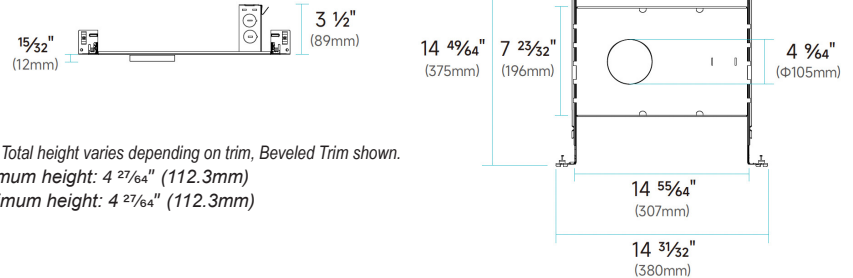


NEW CONSTRUCTION

INSTALLATION

1. Non-IC rated housings must be kept at a minimum of 3" away from insulation.
2. Fixture includes adjustable bar hangers (14"-25") for wood joist or t-bar ceiling installations.
3. Bar hangers can be installed in either direction.
4. Operation temperature: -20°C - 40°C.

DIMENSIONS



Note: Total height varies depending on trim, Beveled Trim shown.
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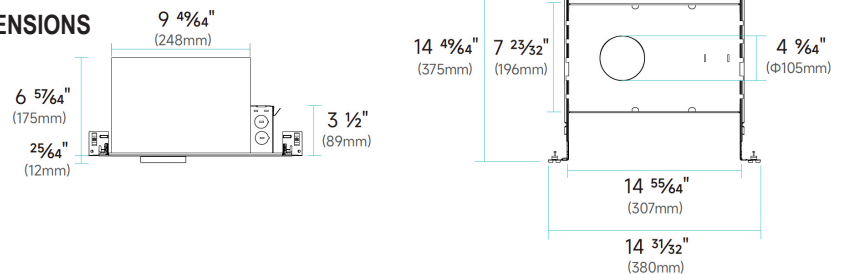


IC RATED HOUSING

INSTALLATION

1. ETL Listed for direct contact with insulation.
2. Fixture includes adjustable bar hangers (14"-25") for wood joist or t-bar ceiling installations.
3. Bar hangers can be installed in either direction.
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