

# VELLA 5" COMMERCIAL DOWNLIGHT

VM090-VF93RA01

By VONN Lighting

VONN

PROJECT:

TYPE:

CATALOG#:

DATE:

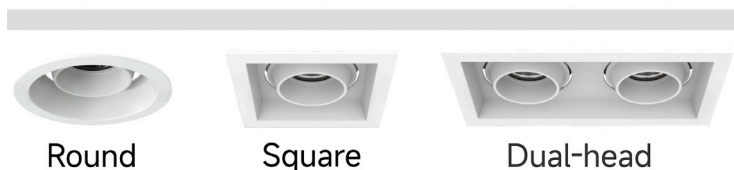


## DESCRIPTION


The VELLA 5" 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 5" 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

	VM090		
WATTAGE	25 W	30 W	35 W
LUMEN OUTPUT	2378 LM	2746 LM	3318 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	25 W	30 W	35 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.)

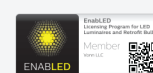
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VONN, LLC.

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

WWW.VONN.COM 888.604.8666

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## ORDERING INFORMATION

VM070	VF	9	3	-	-	-	-	-	-	-	-
Led Module	Trim	Dimensions of trim	Application	Trim Shape	Trim Style	Flangeless Trim	Safety Standard	Voltage	Lumen Output	Dimming Methods	Including Housing
VM090	VF	9 Nominal size: 90mm	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

VM090-H



☐ SOFT LENS

VM090-L



## LUMEN MULTIPLIERS

CCT	MULTIPLIER	CRI	MULTIPLIER	STANDARD TRIM	MULTIPLIER
2700K	0.95	80+	1.23	VF93RA01 (Round adjustable)	1.00
3000K	1.00	90+	1.00	VF93SA01 (Square adjustable)	1.01
3500K	1.03			VF93SA02 (Square adjustable)	1.86
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: VM090-VF93SA01 3500K 80+								
2378.1 lm	X	1.03	X	1.23	X	1.00	=	3012.8 lm

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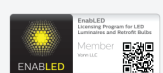
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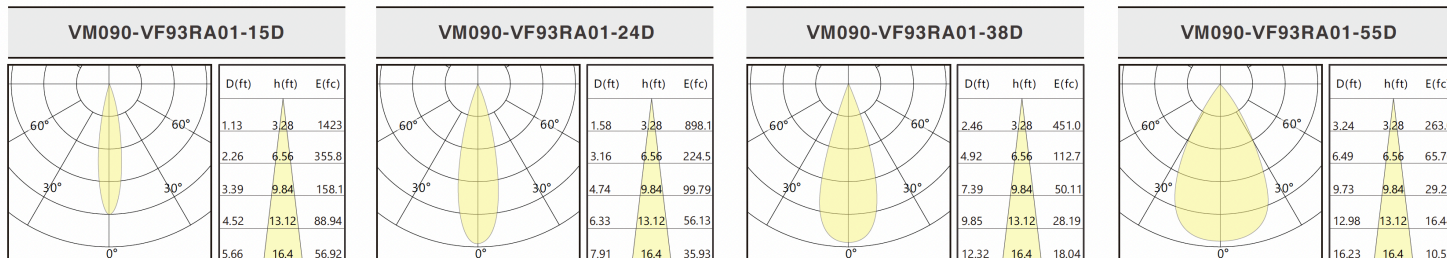
DATE:

## PHOTOMETRIC DATA (NON-DIMMING)

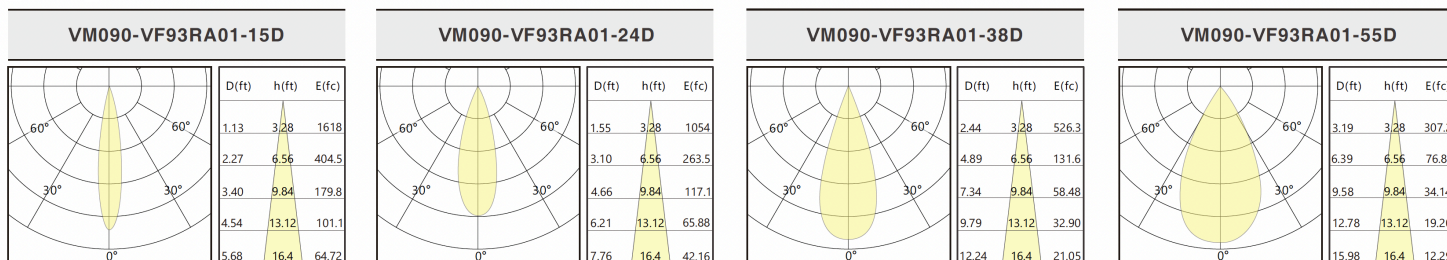
CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	25W	15°	2378	104	15342
			24°	2351	103	9670
			38°	2365	103	4852
			55°	2305	101	2886
		30W	15°	2746	100	17434
			24°	2740	99	11341
			38°	2746	100	5664
			55°	2688	98	3399
		35W	15°	3318	97	21346
			24°	3291	97	13558
			38°	3300	97	6763
			55°	3226	95	4046

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

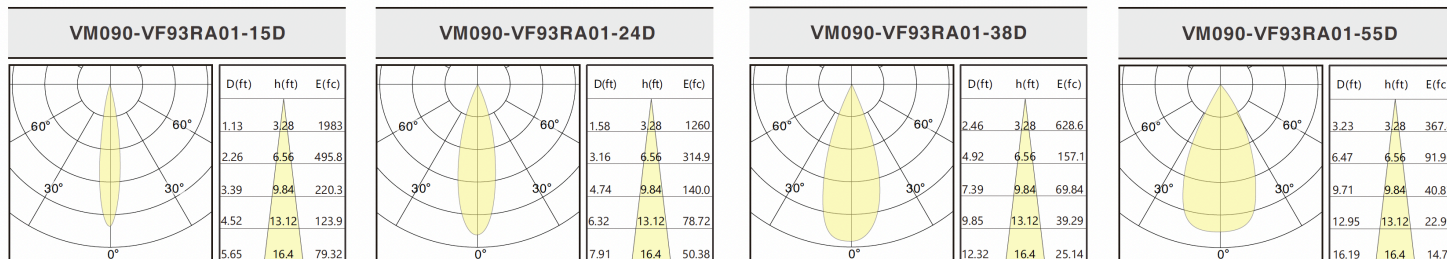
### VM090-VF93RA01 25W



### VM090-VF93RA01 30W



### VM090-VF93RA01 35W



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

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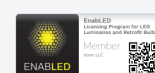
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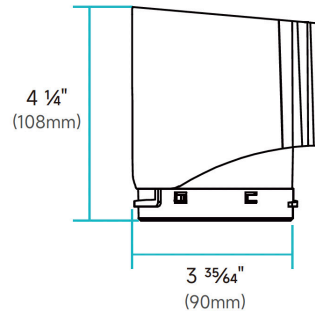
TYPE:

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## DIMENSION

### LED Module

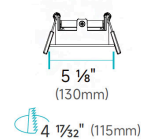


### Trim For Commercial Series



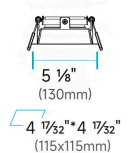
Round

VF93RA01



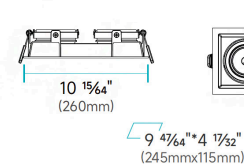
Square

VF93SA01



Dual-head

VF93SA02



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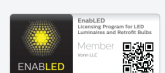
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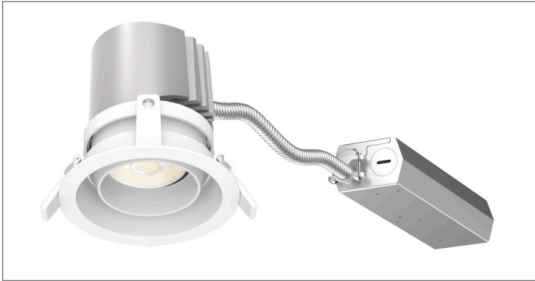
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## INSTALLATION

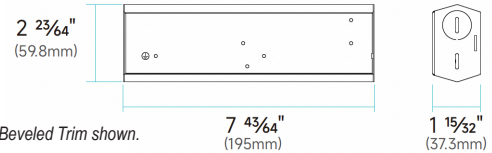


### REMODEL

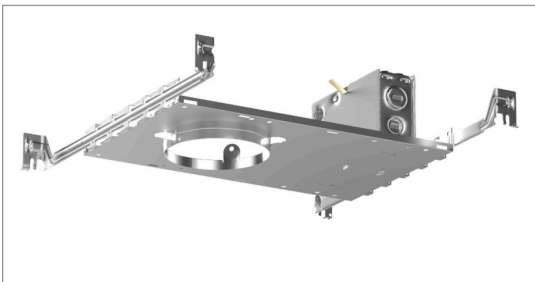
#### INSTALLATION

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: 5 33/64" (140mm)  
Maximum height: 5 33/64" (140mm)



### NEW CONSTRUCTION

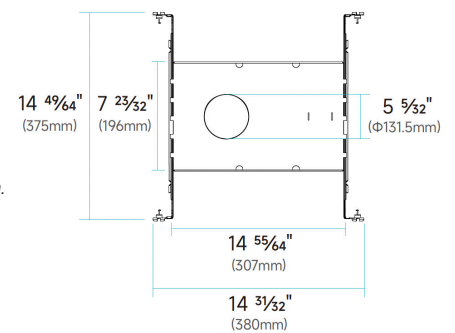
#### INSTALLATION

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.  
Minimum height: 5 33/64" (140mm)  
Maximum height: 5 33/64" (140mm)

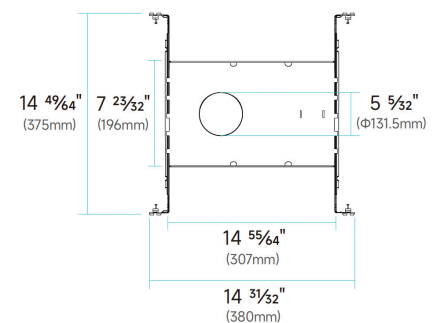
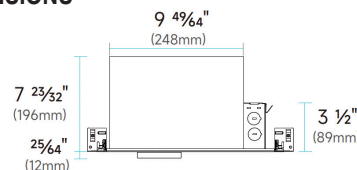


### IC RATED HOUSING

#### 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.
4. Operation temperature: -20°C - 40°C.

#### DIMENSIONS



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Theoretical Wattage: XXX W (subject to change)

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