

VELLA 4" DEEP ANTI-GLARE DOWNLIGHT

VM070-VF74SF01

By VONN Lighting

VONN

PROJECT:

TYPE:

CATALOG#:

DATE:




DESCRIPTION

The VELLA 4" Deep Anti-Glare Series, features a deep recessed mounting ring that enables a 48° cut-off for excellent glare control. The luminaires blend seamlessly into the ceiling layout, embodying the philosophy of "light instead of luminaires." With a highly modular design available in both round and square options, a honeycomb filter can also be added to maximize visual comfort.

FEATURES

- Elegant and compact in style, yet versatile in use.
- Precise light control, UGR <9.
- Super modular design, replacable LED module, mounting ring, beam lens and anti-glare accessories without any needs for tools.

SPECIFICATION

	VM070	
WATTAGE	20 W	25 W
LUMEN OUTPUT	1898 LM	2142 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	 $\frac{3}{64}" - \frac{25}{32}"$ (1mm-20mm) Spring clip	
INSTALLATION	New Construction, Remodel, IC Rated Housing	
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.)

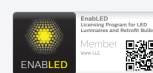
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VONN, LLC.

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

VM060	VF	7	1	-	-	-	-	-	-	-	-
Led Module	Trim	Dimensions of trim	Application	Trim Shape	Trim Style	Flangeless Trim	Safety Standard	Voltage	Lumen Output	Dimming Methods	Including Housing
VM060	VF	7 Nominal size: 70mm	4 Deep anti-glare	RF Round fixed	01 Standard	F Flangeless Trim	A American standard	277 120-277V	L08 800lm	V 0-10V	C New Construction
				SF Square fixed				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
2700K	0.95
3000K	1.00
3500K	1.03
4000K	1.06

CRI	MULTIPLIER
80+	1.23
90+	1.00

STANDARD TRIM	MULTIPLIER
VF74RF01 (Round fixed)	0.96
VF74SF01 (Square fixed)	1.00

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-VF74RF01 3500K 80+								
1828.1 lm	x	1.03	x	1.23	x	0.96	=	2223.3 lm

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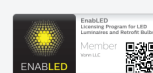
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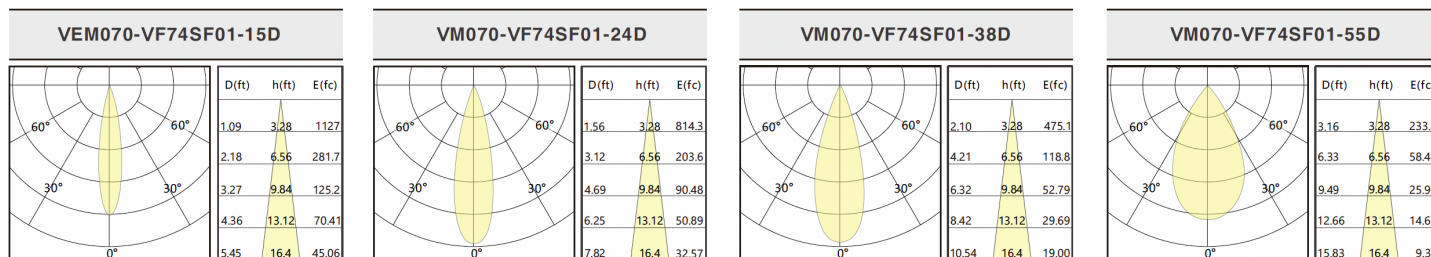
DATE:

PHOTOMETRIC DATA (NON-DIMMING)

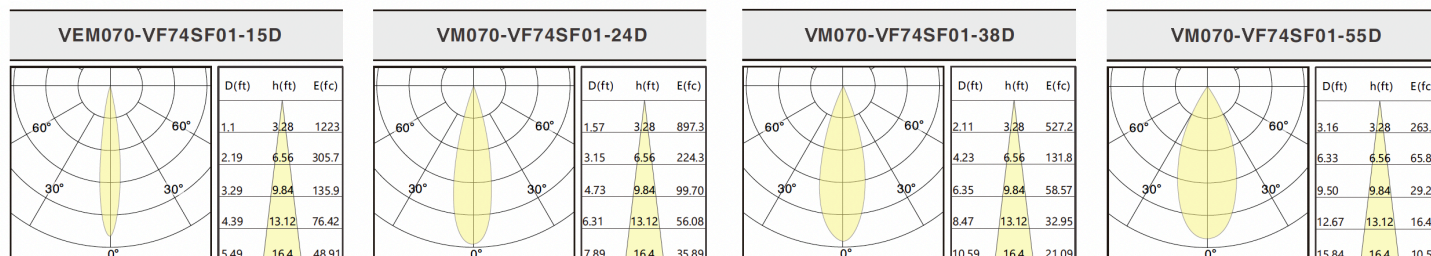
CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	20W	15°	1828	91	12087
			24°	1898	95	8755
			38°	1870	93	5106
			55°	1831	92	2505
		25W	15°	2041	85	13136
			24°	2142	89	9655
			38°	2108	88	5664
			55°	2098	87	2820

Above test data is based on **Square Fixed** trim with 3000K 90CRI LED.

VM070-VF74SF01 20W



VM070-VF74SF01 25W



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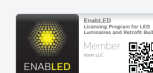
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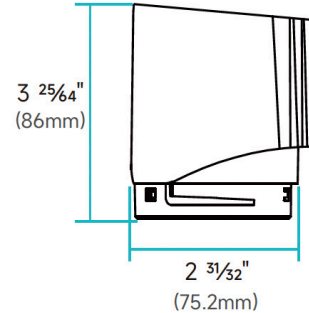
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DIMENSION

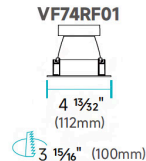
LED Module



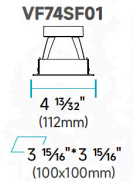
Trim for Anti-Glare Series



Round



Square



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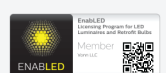
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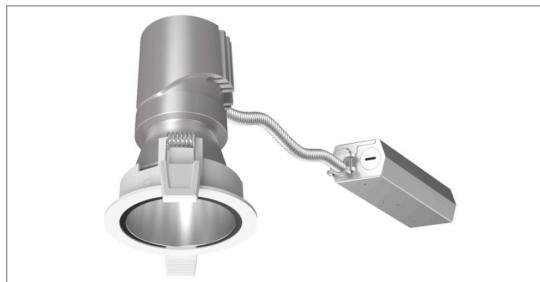
PROJECT:

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INSTALLATION

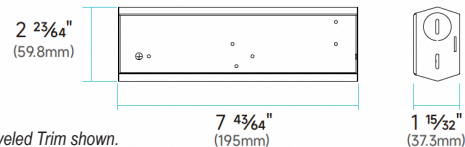


REMODEL

INSTALLATION

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

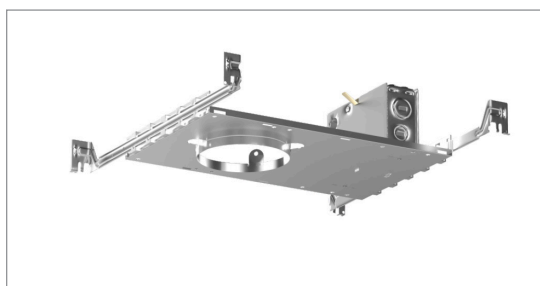
DIMENSIONS FOR REMODEL MOUNTED DRIVER



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

Minimum height: 6 11/32" (161mm)

Maximum height: 6 11/32" (161mm)

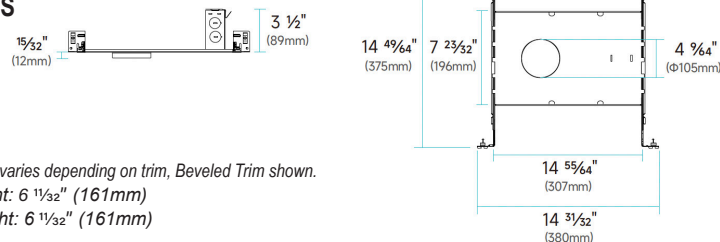


NEW CONSTRUCTION

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: 6 11/32" (161mm)

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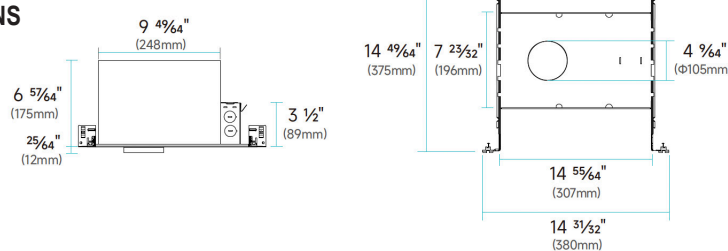


IC RATED HOUSING

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

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