

VELLA 3" DEEP ANTI-GLARE DOWNLIGHT

VM060-VF64SF01

By VONN Lighting

VONN

PROJECT:

TYPE:

CATALOG#:

DATE:



DESCRIPTION

The VELLA 3" 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

	VM060	
WATTAGE	10 W	15 W
LUMEN OUTPUT	962 LM	1284 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	10 W	15 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		
INSTALLATION	New Construciton, 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	EF	6	1	-	-	-	-	-	-	-	-	-
Led Module	Trim	Dimensions of trim	Application	Trim Shape	Trim Style	Flangeless Trim	Safety Standard	Voltage	Lumen Output	Dimming Methods	Including Housing	
VM060	EF	6 Nominal size: 60mm	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

VM060-H

 SOFT LENS

VM060-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
VF64RF01 (Round fixed)	0.98
VF64SF01 (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: VM060-VF64RF01 3500K 80+								
894.97 lm	x	1.03	x	1.23	x	0.98	=	1109.9 lm

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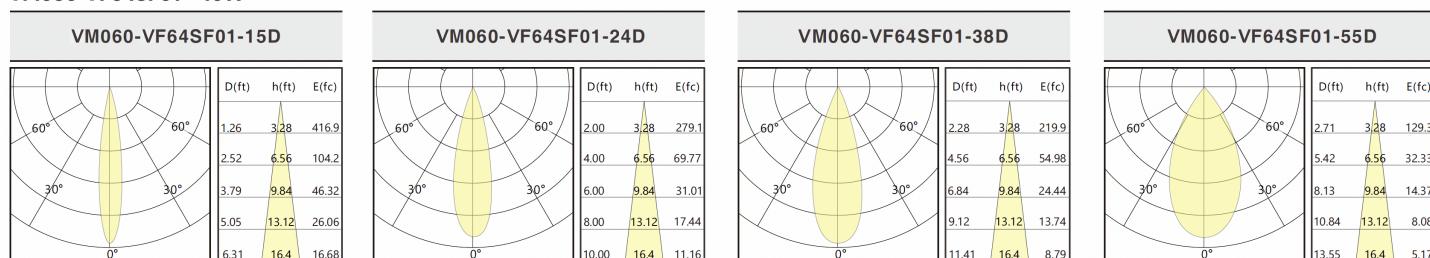
DATE:

PHOTOMETRIC DATA (NON-DIMMING)

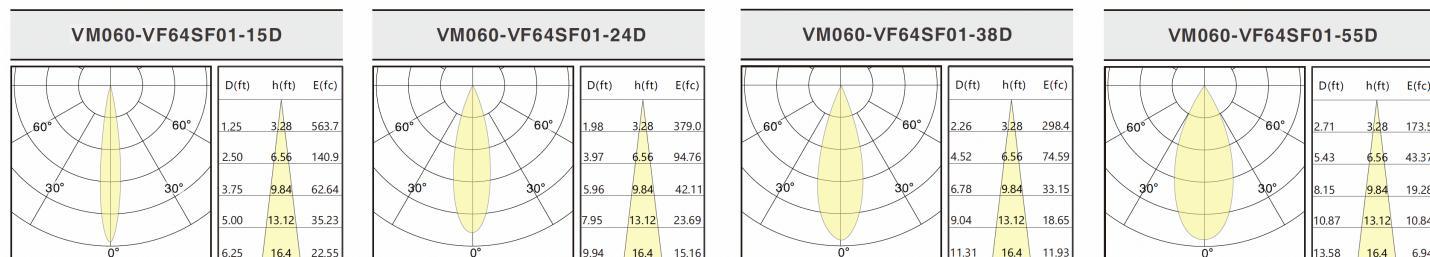
CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	10W	15°	894	89	4489
			24°	966	96	3002
			38°	962	96	2366
			55°	905	90	1395
	90	15W	15°	1184	86	6090
			24°	1284	93	4083
			38°	1274	93	3208
			55°	1206	87	1870

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

VM060-VF64SF01 10W



VM060-VF64SF01 15W

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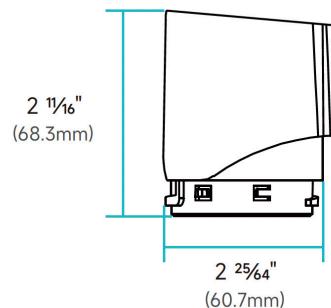
DATE:

DIMENSION

LED Module



VM060



Trim for Anti-Glare Series



Round



Square



VF64SF01
 $3 \frac{1}{32}$ " (85mm)
 $2 \frac{61}{64}$ " (75mm)

VF64SF01
 $3 \frac{1}{32}$ " (85mm)
 $2 \frac{61}{64} \times 2 \frac{61}{64}$ " (75x75mm)

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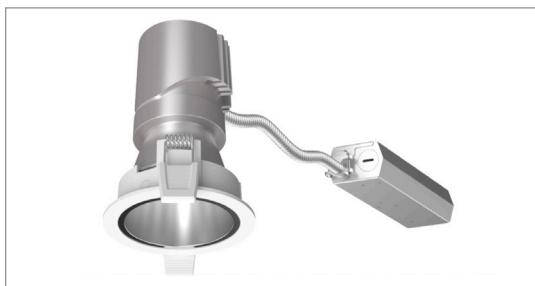
PROJECT:

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INSTALLATION

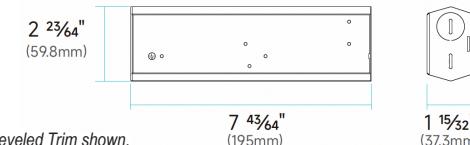


REMODEL

INSTALLATION

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

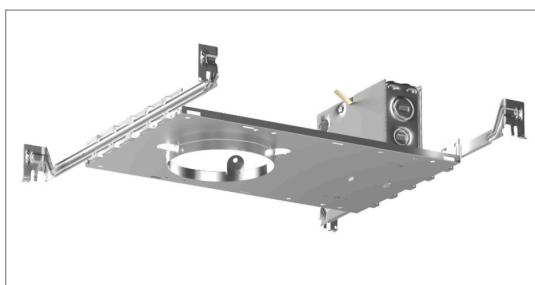
DIMENSIONS FOR REMODEL MOUNTED DRIVER



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

Minimum height: 4 3/32" (126.2mm)

Maximum height: 4 3/32" (126.2mm)



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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Maximum height: 4 3/32" (126.2mm)

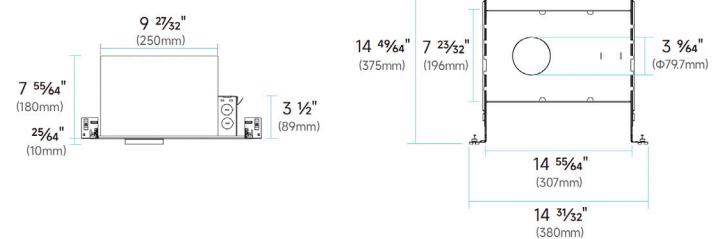


IC RATED HOUSING

INSTALLATION

1. ETL Listed for direct contact with insulation.
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4. Operation temperature: -20°C - 40°C.

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