

# VELLA 3" WALL WASHER DOWNLIGHT

VM060-VF65SF01

By VONN Lighting

VONN

PROJECT:

TYPE:

CATALOG#:

DATE:



## DESCRIPTION

The VELLA 3" Wall Washer series effectively illuminates walls with its asymmetric light distribution. Its super modular design is available in both round and square shapes, and a honeycomb filter can be added to enhance visual comfort.

## FEATURES

- Elegant and compact in style, yet versatile in use.
- Features asymmetric light distribution
- Super modular design with a replaceable LED module, mounting ring, beam lens, and anti-glare accessories. All easily interchangeable without the need for tools.



Round



Square

## SPECIFICATION

|                         | VM060                                                                                                                                          |        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| WATTAGE                 | 10W                                                                                                                                            | 15W    |
| LUMEN OUTPUT            | 1032lm                                                                                                                                         | 1386lm |
| 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           | 10W                                                                                                                                            | 15W    |
| 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)<br>Spring clip |        |
| INSTALLATION            | New Construction, Remodel, IC Rated Housing                                                                                                    |        |
| LISTINGS                | ETL Listed to US and Canadian standards for damp locations.<br>(IC) ETL listed for direct contact w/insulation.                                |        |
| WARRANTY                | 5 year limited warranty                                                                                                                        |        |
| AMBIENT OPERATING TEMP. | -20°C to 40°C                                                                                                                                  |        |
| SYSTEM RATING           | 80% of initial lumens at 50000 hours (L80)                                                                                                     |        |

1. Approximate lumen output based on 3000K performance, see photometric test results for additional information.

2. 20W Can be IC-Rated housing.

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.)

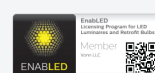
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## ORDERING INFORMATION

| VM060      | VF   | 6                       | 5                | -                  | -              | -                   | -                      | -              | -             | -                | -                     |
|------------|------|-------------------------|------------------|--------------------|----------------|---------------------|------------------------|----------------|---------------|------------------|-----------------------|
| Led Module | Trim | Dimensions of trim      | Application      | Trim Shape         | Trim Style     | Flangeless Trim     | Safety Standard        | Voltage        | Lumen Output  | Dimming Methods  | Including Housing     |
| VM060      | VF   | 6<br>Nominal size: 60mm | 5<br>Wall Washer | RF<br>Round fixed  | 01<br>Standard | NA<br>Not Available | A<br>American Standard | SV<br>120V     | L08<br>800lm  | V<br>0-10V       | C<br>New Construction |
|            |      |                         |                  | SF<br>Square fixed |                |                     |                        | MV<br>120-277V | L12<br>1200lm | T<br>Triac       | R<br>Remodel          |
|            |      |                         |                  |                    |                |                     |                        |                |               | X<br>0-10V/Triac | H<br>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 |
|-------------------------|------------|
| VF65RF01 (Round fixed)  | 0.98       |
| VF65SF01 (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-VF65RF01 3500K 80+       |   |                |   |                |   |                 |   |                                      |
| 1000.6 lm                                             | X | 1.03           | X | 1.23           | X | 0.98            | = | 1242.3 lm                            |

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.

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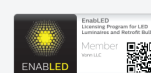
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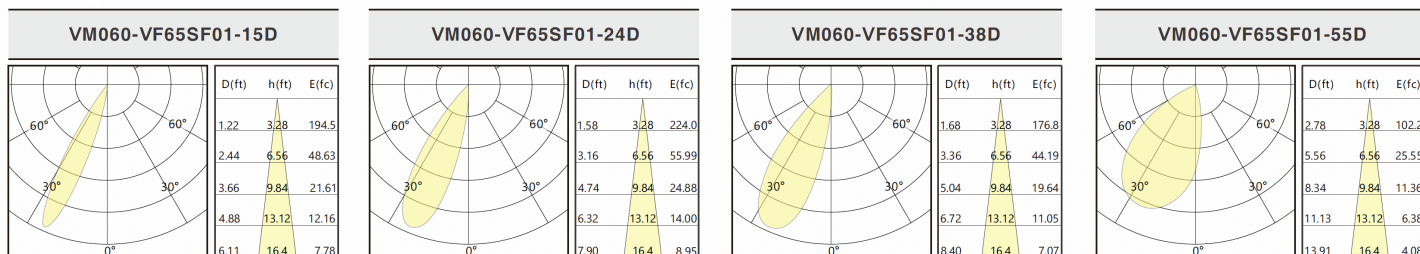
DATE:

## PHOTOMETRIC DATA (NON-DIMMING)

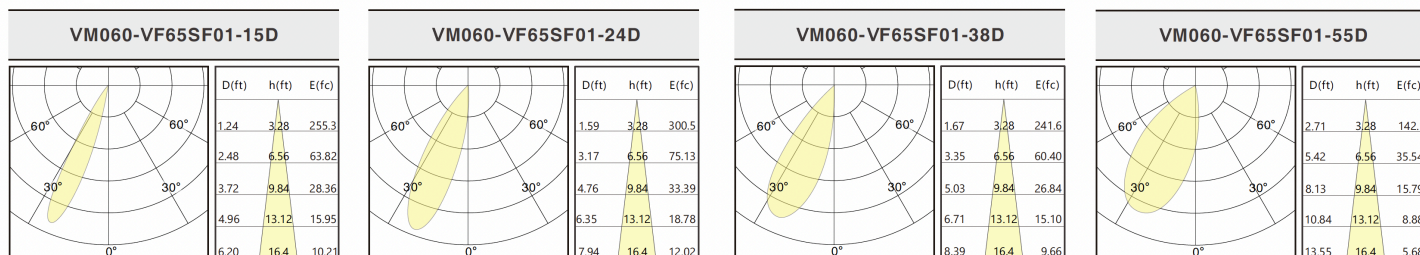
| CCT (K) | CRI | LOAD (W) | BEAM OPTIC | LUMENS (lm) | EFFICACY (lm/w) | MAX CANDELA (cd) |
|---------|-----|----------|------------|-------------|-----------------|------------------|
| 3000K   | 90  | 10W      | 15°        | 1000        | 99              | 4388             |
|         |     |          | 24°        | 1032        | 103             | 2989             |
|         |     |          | 38°        | 1027        | 102             | 2247             |
|         |     |          | 55°        | 999         | 99              | 1260             |
|         |     | 15W      | 15°        | 1307        | 95              | 5790             |
|         |     |          | 24°        | 1381        | 100             | 3894             |
|         |     |          | 38°        | 1386        | 100             | 3006             |
|         |     |          | 55°        | 1356        | 98              | 1692             |

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

### VM060-VF65SF01 10W

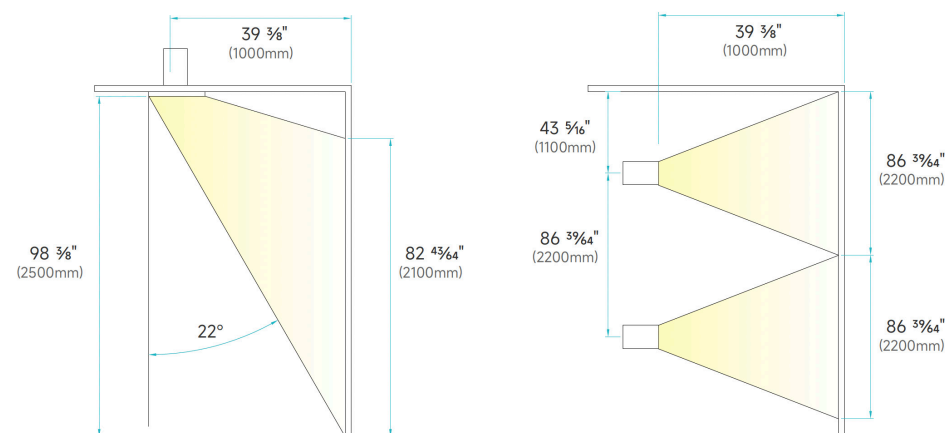


### VM060-VF65SF01 15W



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

## WALL WASHING SUGGESTED SPACING AND WALL DISTANCE



Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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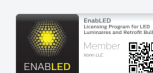
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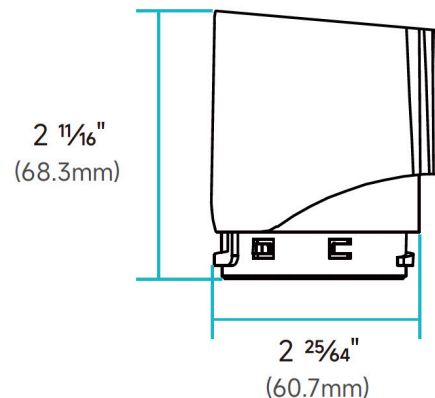
TYPE:

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DATE:

## DIMENSION

LED Module

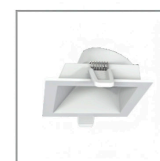
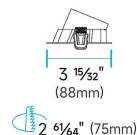


## Trim For Wall Washer Series



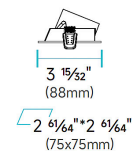
Round

**VF65RA01**



Square

**VF65SF01**



Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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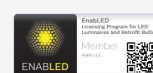
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## INSTALLATION

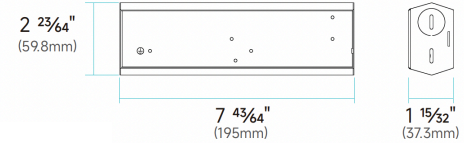


### REMODEL

#### INSTALLATION

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

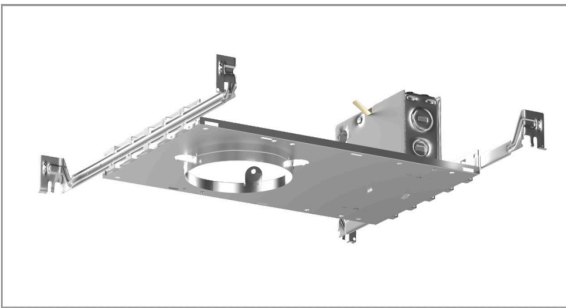
#### DIMENSIONS FOR REMODEL MOUNTED DRIVER



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

Minimum height: 3 5/63" (100.3mm)

Maximum height: 3 5/63" (100.3mm)

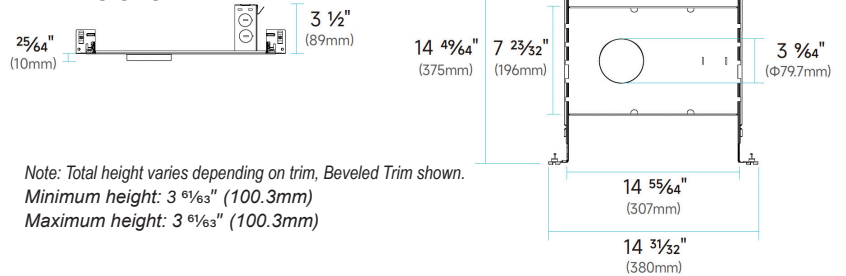


### NEW CONSTRUCTION

#### 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.

Minimum height: 3 5/63" (100.3mm)

Maximum height: 3 5/63" (100.3mm)

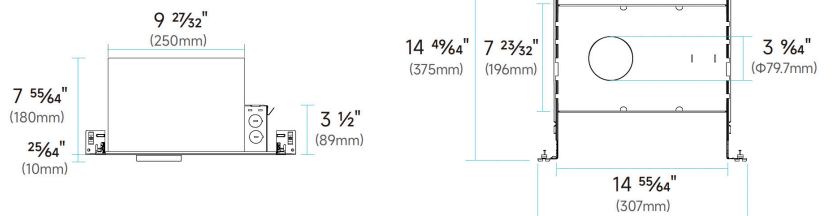


### IC RATED HOUSING

#### 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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