VELLA 3” HOTEL DOWNLIGHT

VM060-VF61RF01

By VONN Lighting

PROJECT:	TYPE:	CATALOG#:	DATE:





Round



Square



Wall Washing

DESCRIPTION

The VELLA 3” Hotel series is not only an aesthetically designed downlight but also delivers high-quality illumination, thanks to a combination of a precision light beam lens and a secondary reflector. These luminaires blend seamlessly into the ceiling layout, embodying the philosophy of “light instead of luminaires.” With a super modular design available in both round and square shapes, as well as adjustable and fixed options in various wattages, the VELLA Hotel series is an excellent choice for creating a unified lighting experience in any environment.

FEATURES

- Elegant & compact in its style, versatile in its use.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Interchangeable different color secondary reflectors for aniti-glare and decorative function.
- Super modular design, replacing LED module, trims, beam lens, honeycomb filter and secondary reflectors without any needs for tools.
- 355° rotation and 30° tilt.
- Anti-glare accessories provide maximum visual comfort.
- Service the LED optics and Driver from above the ceiling.

SPECIFICATION

	VM060	
WATTAGE	10 W	15 W
LUMEN OUTPUT	920 LM	1248 LM
BEAM OPTICS	Narrow Spot: **15º**, Spot: **24º**, Flood: **38º**, Wide Flood: **55º**	
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	 3/64" - 25/32" (1mm-20mm) Spring clip	
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.

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ORDERING INFORMATION

VM060	VF	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	**VF**	**6** Nominal size: 60mm	**1** Hotel	**RA** Round adjustable	**01** Standard	**F** Flangeless Trim	**A** American standard	**277** 100-277V	**L08** 800lm	**V** 0-10V	**C** New Construction
				RF Round fixed	**02** Wall Washing			**120** 100-120V	**L12** 1200lm	**T** Triac	**R** Remodel
				SA Square adjustable	**03** Wall Washing Dual-head					**X** 0-10V/Triac	**H** Housing
					04 Wall Washing Tripple -head						

ACCESSORIES (TO BE ORDERED SEPARATELY)

FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY

☐ **HONEYCOMB FILTER**
VM060-H



☐ **SOFT LENS**
VM060-L



SECONDARY REFLECTOR COLOR

☐ **BLACK**
VF61RA-SB
VF61RF-SB
VF61SA-SB



☐ **BRIGHT SILVER**
VF61RA-SS
VF61RF-SS
VF61SA-SS



☐ **MATT SILVER**
VF61RA-SM
VF61RF-SM
VF61SA-SM



☐ **MATT WHITE**
VF61RA-SW
VF61RF-SW
VF61SA-SW

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
VF61RA01 (Round adjustable)	1.00
VF61RF01 (Round fixed)	0.95
VF61SA01 (Square adjustable)	0.97

WALL WASHING TRIM	MULTIPLIER
VF61RF02 (Round fixed)	1.00
VF61SF02 (Square fixed)	0.99
VF61SF03 (Square fixed Dual-head)	1.20
VF61SF04 (Square fixed Triple-head)	1.85

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-VF61RF01 3500K 80+								
795.35 lm	x	1.03	x	1.23	x	0.95	=	957.24 lm
WALL WASHING TRIM Example: VM060-VF61RF02 3500K 80+								
431.99 lm	x	1.03	x	1.23	x	1.00	=	547.28 lm

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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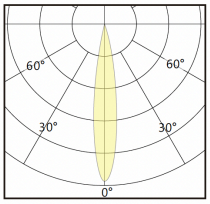
PHOTOMETRIC DATA (NON-DIMMING)

CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	10W	15º	795	78	6244
			24º	920	91	2932
			38º	912	90	2248
			55º	869	86	1264
		15W	15º	1087	78	5807
			24º	1249	90	3972
			38º	1212	88	2969
			55º	1150	84	1640

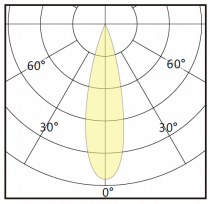
Above test data is based on **Round Adjustable** trim with 3000K 90CRI LED.

VM060-VF61RA01 10W

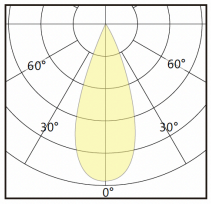
VM060-VF61RA01-15D



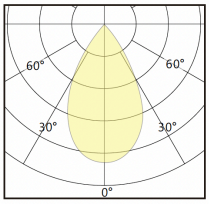
VM060-VF61RA01-24D



VM060-VF61RA01-38D

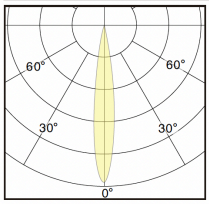


VM060-VF61RA01-55D

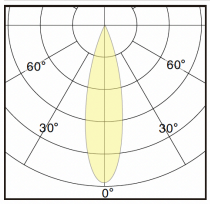


VM060-VF61RA01 15W

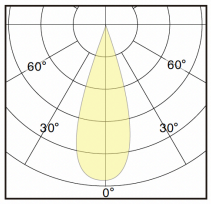
VM070-VF71RA01-15D



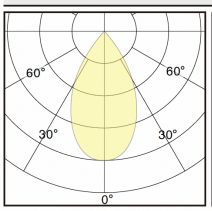
VM070-VF71RA01-24D



VM070-VF71RA01-38D



VM070-VF71RA01-55D



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

Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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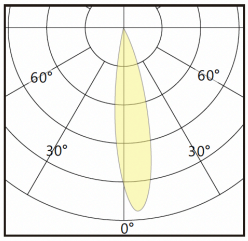
PHOTOMETRIC DATA (NON-DIMMING)

CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	10W	Wall Washing	431	43	828
		15W		573	41	1106
		10W x 2		957	46	1909
		15W x 2		1474	49	2871
		10W x 3		1241	41	2398
		15W x 3		1981	45	3803

Above test data is based on **Wall Washing** trim with 3000K 90CRI LED.

VM060-VF61RF02 10W

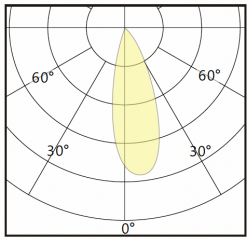
VM060-VF61RF02-15D



D(ft)	h(ft)	E(fc)
1.75	3.28	75.99
3.50	6.56	19.00
5.25	9.84	8.44
7.01	13.12	4.75
8.76	16.4	3.04

VM060-VF61RF02 15W

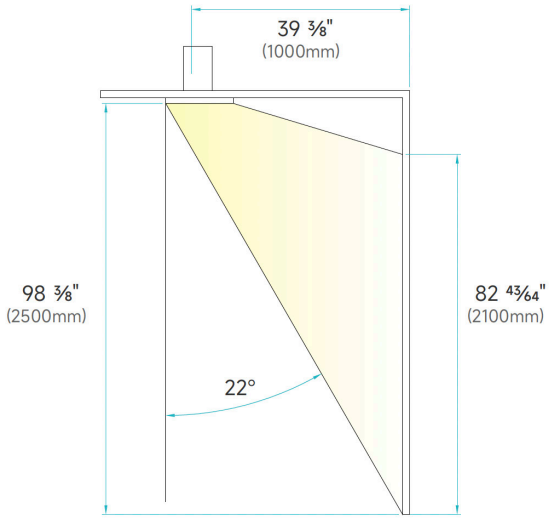
VM060-VF61RF02-15D

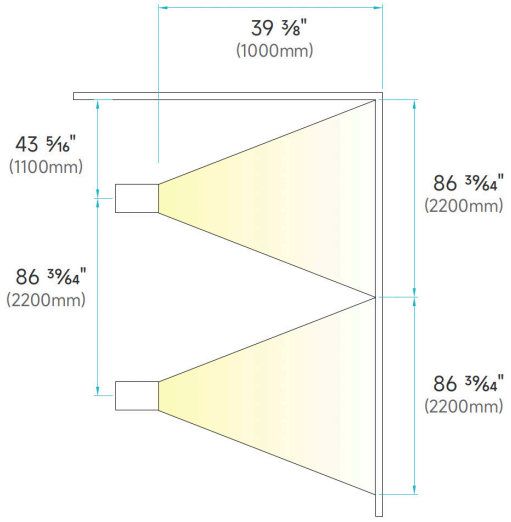


D(ft)	h(ft)	E(fc)
1.75	3.28	101.0
3.50	6.56	25.24
5.25	9.84	11.22
7.00	13.12	6.31
8.75	16.4	4.03

Above test data is based on **Wall Washing** 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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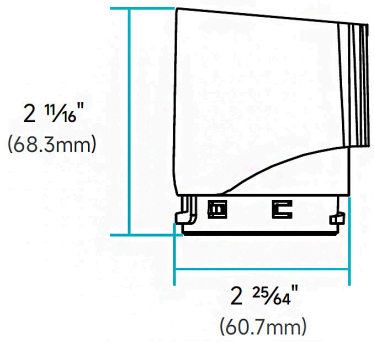
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PROJECT:	TYPE:	CATALOG#:	DATE:

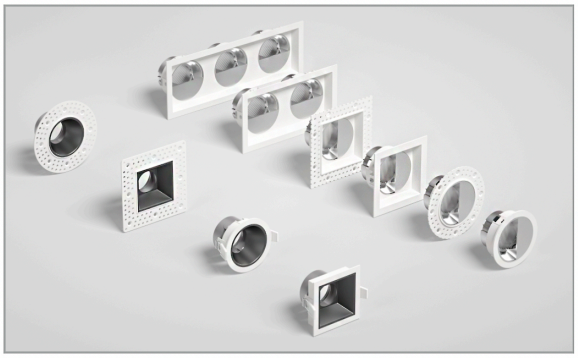
DIMENSION

LED Module





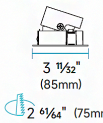
Trim For Hotel Series





Round Adjustable

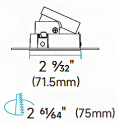
VF61RA01





Round Adjustable Flangeless

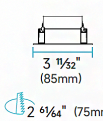
VF61RA01T





Round Fixed

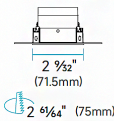
VF61RF01





Round Fixed Flangeless

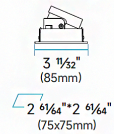
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Square Adjustable

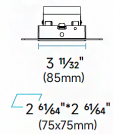
VF61SA01





Square Adjustable Flangeless

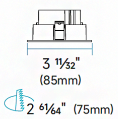
VF61SA01T





Round Wall Washing

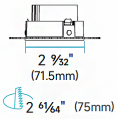
VF61RF02

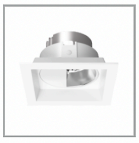




Round Wall Washing Flangeless

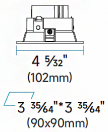
VF61RF02T





Square Wall Washing

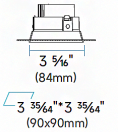
VF61SF02





Square Wall Washing Flangeless

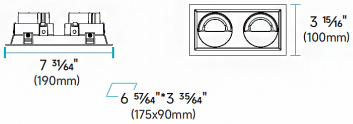
VF61SF02T





Square Wall Washing Dual-head

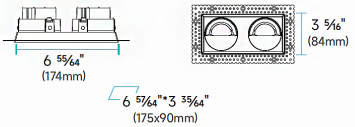
VF61SF03





Square Wall Washing Dual-head Flangeless

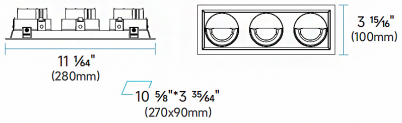
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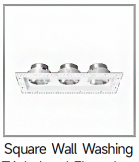




Square Wall Washing Triple-head

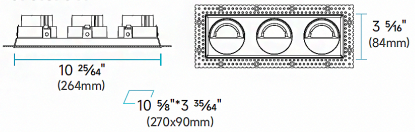
VF61SF04





Square Wall Washing Triple-head Flangeless

VF61SF04T



Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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INSTALLATION

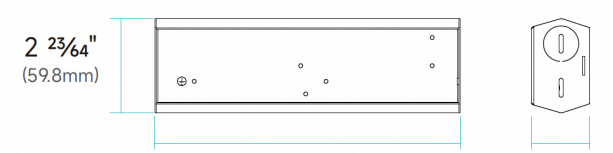


REMODEL

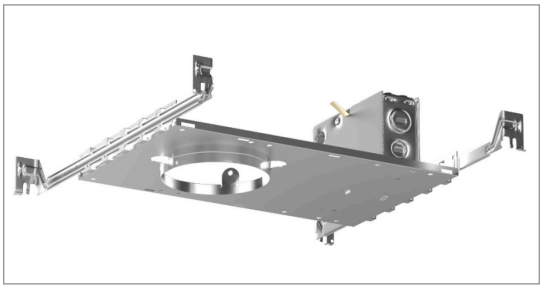
INSTALLATION

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

DIMENSIONS FOR REMODEL MOUNTED DRIVER



Note: Total height varies depending on trim, Beveled Trim shown.
Minimum height: 3 29/32" (99mm)
Maximum height: 4 31/64" (114mm)



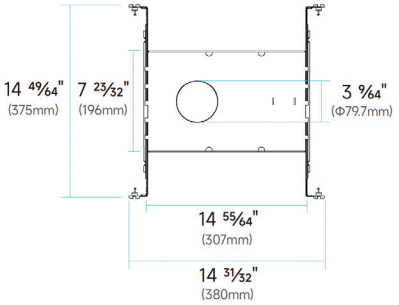
NEW CONSTRUCTION

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 29/32" (99mm)
Maximum height: 4 31/64" (114mm)

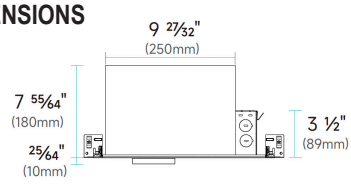


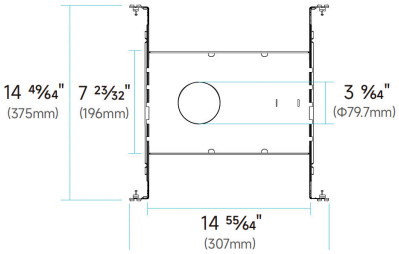
IC RATED HOUSING

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





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. reserves the right to make any design changes for continuous improvement which will not affect the overall appearance or performance.