

VELLA 3" HOTEL DOWNLIGHT

VM060-VF61RA01T

By VONN Lighting

VONN

PROJECT:

TYPE:

CATALOG#:

DATE:



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 anti-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: 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	 $\frac{3}{64}$ " - $\frac{25}{32}$ " (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)

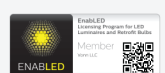
***Please note lumens and wattage are subject to change and will be determined post production of the first articles.

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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	CRI	MULTIPLIER	STANDARD TRIM	MULTIPLIER	WALL WASHING TRIM	MULTIPLIER
2700K	0.95	80+	1.23	VF61RA01 (Round adjustable)	1.00	VF61RF02 (Round fixed)	1.00
3000K	1.00	90+	1.00	VF61RF01 (Round fixed)	0.95	VF61SF02 (Square fixed)	0.99
3500K	1.03			VF61SA01 (Square adjustable)	0.97	VF61SF03 (Square fixed Dual-head)	1.20
4000K	1.06					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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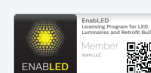
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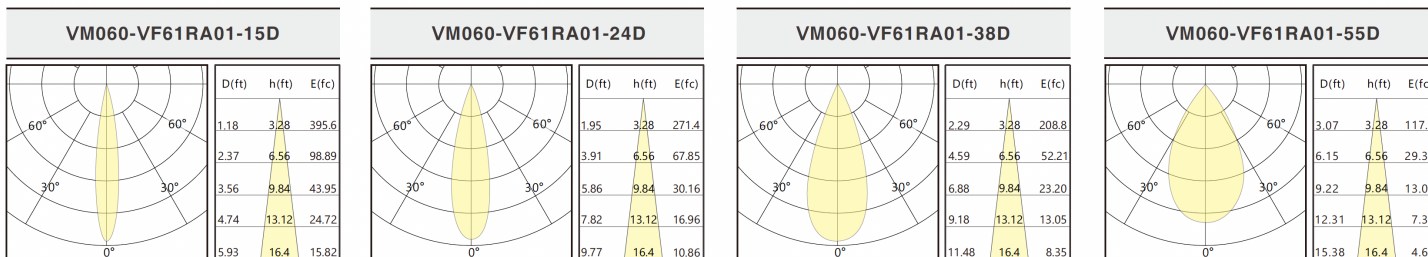
DATE:

PHOTOMETRIC DATA (NON-DIMMING)

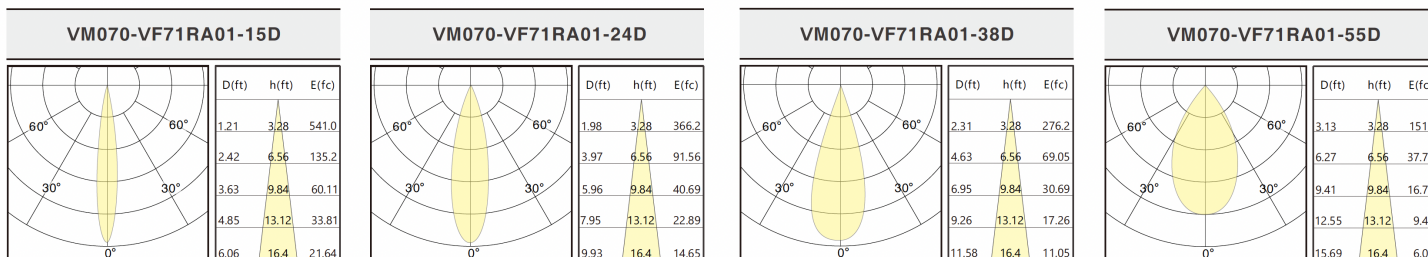
CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	10W	15°	795	78	6244
			24°	920	91	2932
			38°	912	90	2248
			55°	869	86	1264
		15W	15°	1087	78	5807
			24°	1249	90	3972
			38°	1212	88	2969
			55°	1150	84	1640

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

VM060-VF61RA01 10W



VM060-VF61RA01 15W



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

Theoretical Lumens: XXX LM (subject to change)

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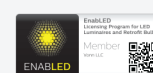
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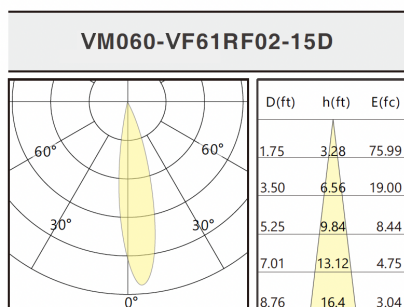
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PHOTOMETRIC DATA (NON-DIMMING)

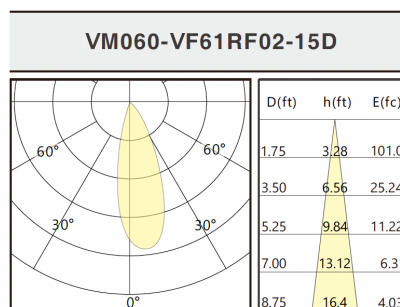
CCT (K)	CRI	LOAD (W)	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/w)	MAX CANDELA (cd)
3000K	90	10W	Wall Washing	431	43	828
		15W		573	41	1106
		10W x 2		957	46	1909
		15W x 2		1474	49	2871
		10W x 3		1241	41	2398
		15W x 3		1981	45	3803

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

VM060-VF61RF02 10W

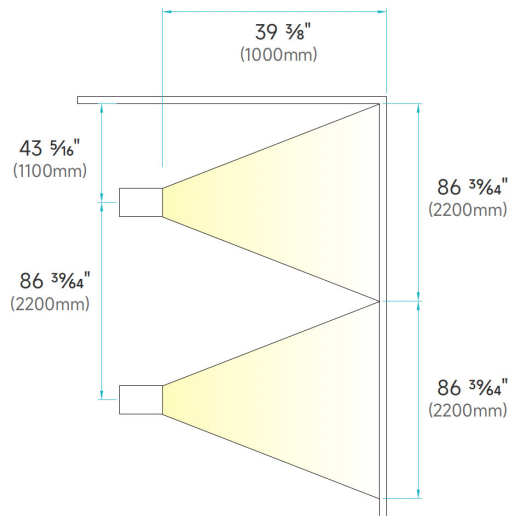
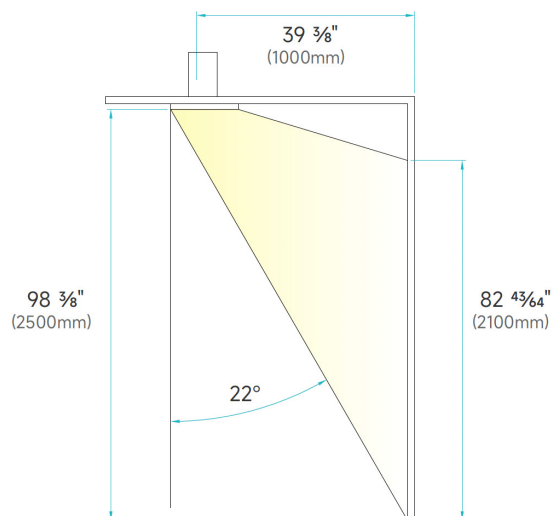


VM060-VF61RF02 15W



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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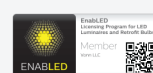
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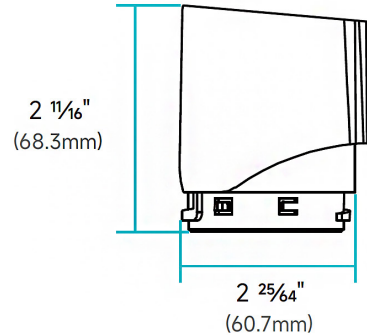
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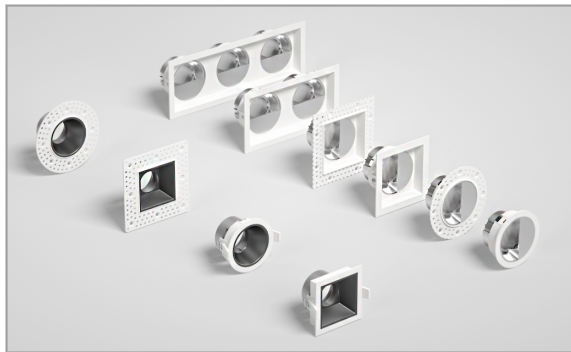
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DIMENSION

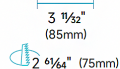
LED Module



Trim For Hotel Series



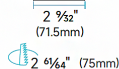
VF61RA01



Round Adjustable



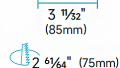
VF61RA01T



Round Adjustable
Flangeless



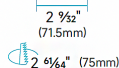
VF61RF01



Round Fixed



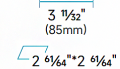
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Round Fixed
Flangeless



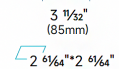
VF61SA01



Square Adjustable



VF61SA01T

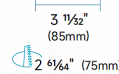


Square Adjustable
Flangeless



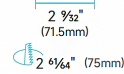
Round Wall Washing

VF61RF02



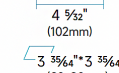
Round Wall Washing
Flangeless

VF61RF02T



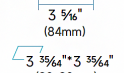
Square Wall Washing

VF61SF02



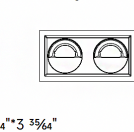
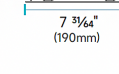
Square Wall Washing
Flangeless

VF61SF02T



Square Wall Washing
Dual-head

VF61SF03



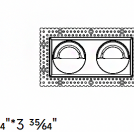
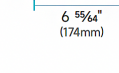
Square Wall Washing
Dual-head Flangeless

VF61SF03T



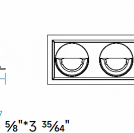
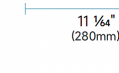
Square Wall Washing
Dual-head Flangeless

VF61SF03T



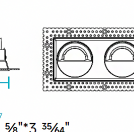
Square Wall Washing
Triple-head

VF61SF04

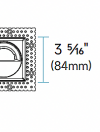


Square Wall Washing
Triple-head Flangeless

VF61SF04T



Square Wall Washing
Triple-head Flangeless



Square Wall Washing
Triple-head Flangeless

Theoretical Lumens: XXX LM (subject to change)

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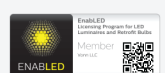
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INSTALLATION

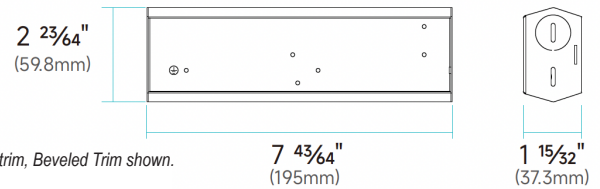


REMODEL

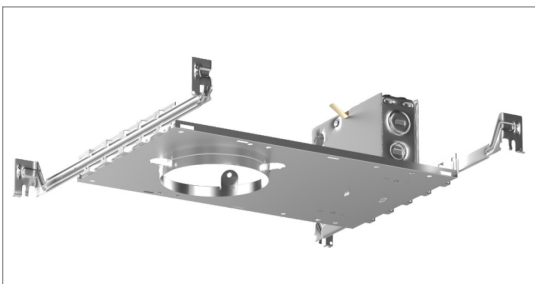
INSTALLATION

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

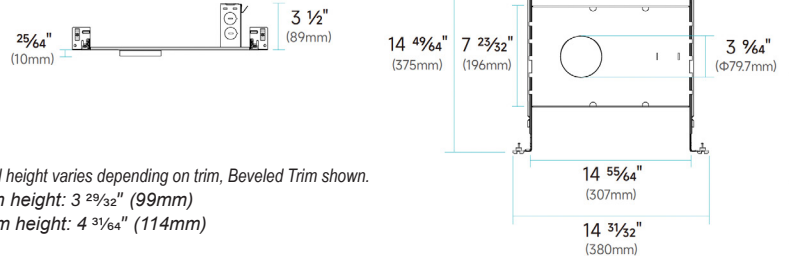


NEW CONSTRUCTION

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.

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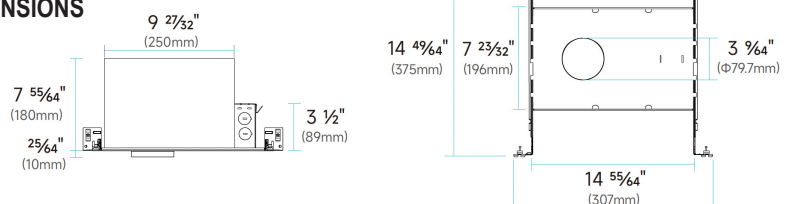


IC RATED HOUSING

INSTALLATION

1. ETL Listed for direct contact with insulation.
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3. Bar hangers can be installed in either direction.
4. Operation temperature: -20°C - 40°C.

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