



NOTES:

Vyv VS66 Linear Luminaire

READ THE LABEL AND ANY OPERATING MANUAL BEFORE USING

Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the address or telephone number listed in the warranty.

Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire-related construction codes and standards.

- Installation should be completed by an individual familiar with the construction and operation of the luminaire.
- Installation of luminaire must be in accordance with national and local building and electrical codes.
- Carefully read and follow all warnings and instructions before installing or servicing the luminaire.
- Do not restrict luminaire ventilation.
- Ensure luminaire is not covered with material that will prevent convection or conduction cooling.
- Do not exceed luminaire's maximum ambient temperature.
- Ensure LED luminaire has the correct polarity before installation.

TO PREVENT PERSONAL INJURY:

- Allow luminaire to cool before handling luminaire.
- Wear safety glasses and gloves when handling luminaire to avoid physical injury.
- LED lights are extremely bright – care should be taken not to look directly at the light source. Safety glasses with tinted lenses are recommended (ANSI Z87.1 or equivalent).
- Always support the weight of the luminaire.

⚠ RISK OF FIRE:

The Luminaire must be connected to the mains supply according to its ratings on the product label. Use only UL approved wire for input/output connections. Minimum size 18 AWG. Keep flammable and combustible materials away from the light source and/or lens. Use correctly rated supply conductors as indicated by product labeling.

⚠ IMPORTANT SAFETY INFORMATION: READ AND FOLLOW ALL INSTRUCTIONS:

PRECAUTIONS:

WARNING – UV radiation emitted from this device. Unintended use of the device, or damage to the housing, may result in exposure to ultraviolet radiation. Ultraviolet radiation may cause eye and skin irritation. Avoid exposing eyes and skin to ultraviolet radiation.

Electric current can cause serious injury or death. For your safety follow these precautions:

- Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable building codes and standards, including fire-rated construction codes and standards.
- Turn off power before product installation, servicing, and removal.
- Ensure supply voltage corresponds with the correct ballast/driver voltage.
- Avoid exposing wiring to metal edges and sharp objects.
- Properly ground the fixture and do not operate fixture without covers in place.

Vyv is not responsible for any injuries due to the improper installation or handling of its products.

Installation Instructions

AVAILABLE MOUNTING OPTIONS:

NOTE: Fixtures must never be lifted from sides or ends, lift fixtures only by cradling in arms until they are supported uniformly by mounting system.

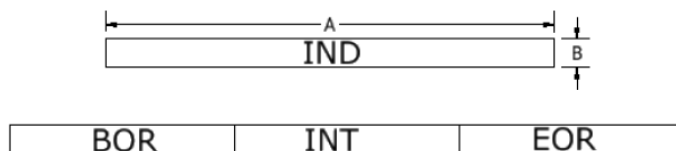
Please see the separate Supplemental Installation Instructions based on the selected mounting method. The following mounting methods are available for this product and must be selected upon ordering of product:

Code	Description	Supplemental INS	Code	Description	Supplemental INS
<u>AC</u>	Adjustable Aircraft Cable (48" Standard)	INS-426	<u>S</u>	Surface	INS-429
<u>P</u>	Pendant / Canopy (24" Standard)	INS-427	<u>W</u>	Wall	INS-430
<u>SP</u>	Swivel Pendant / Canopy (45"/24" Standard)	INS-427	<u>T</u>	T-Grid	INS-431
<u>S</u>	Surface	INS-429	<u>FL</u>	Flanged	INS-432
			<u>FLTRM</u>	Flangeless (For Mud In)	INS-433

FIXTURE DIMENSIONS (ALL UNITS IN CM):

NOMINAL LENGTH	PENDANT / SWIVEL PENDANT / AIRCRAFT CABLE			SURFACE			WALL (WDITH INCLUDES WALL BOX)			T-BAR (WIDTH INCLUDES RAIL)			FLANGED (WIDTH INCLUDES FLANGES)		
	A		B	A		B	A		B	A		B	A		B
	D	I		D	I		D	I		D	I		D	I	
8 FEET IND	226.1	233.7	15.2	226.1	N/A	15.2	226.1	226.1	17.8	227.0	N/A	14.6	228.6	N/A	20.3
BOR	226.1	233.7	15.2	226.1	N/A	15.2	226.1	226.1	17.8	226.1	N/A	14.6	226.1	N/A	20.3
INT	226.1	229.9	15.2	226.1	N/A	15.2	226.1	226.1	17.8	227.0	N/A	14.6	228.6	N/A	20.3
EOR	226.1	229.9	15.2	226.1	N/A	15.2	226.1	226.1	17.8	212.7	N/A	14.6	203.2	N/A	20.3
7 FEET IND	198.1	205.7	15.2	198.1	N/A	15.2	198.1	198.1	17.8	N/A	N/A	14.6	200.7	N/A	20.3
BOR	198.1	205.7	15.2	198.1	N/A	15.2	198.1	198.1	17.8	198.1	N/A	14.6	198.1	N/A	20.3
INT	198.1	201.9	15.2	198.1	N/A	15.2	198.1	198.1	17.8	212.7	N/A	14.6	200.7	N/A	20.3
EOR	198.1	201.9	15.2	198.1	N/A	15.2	198.1	198.1	17.8	182.2	N/A	14.6	174.6	N/A	20.3
6 FEET IND	169.5	177.2	15.2	169.5	N/A	15.2	169.5	169.5	17.8	183.8	N/A	14.6	172.1	N/A	20.3
BOR	169.5	177.2	15.2	169.5	N/A	15.2	169.5	169.5	17.8	169.5	N/A	14.6	169.5	N/A	20.3
INT	169.5	173.4	15.2	169.5	N/A	15.2	169.5	169.5	17.8	182.2	N/A	14.6	172.1	N/A	20.3
EOR	169.5	173.4	15.2	169.5	N/A	15.2	169.5	169.5	17.8	151.8	N/A	14.6	146.7	N/A	20.3
5 FEET IND	141.6	149.2	15.2	141.6	N/A	15.2	141.6	141.6	17.8	N/A	N/A	14.6	144.1	N/A	20.3
BOR	141.6	149.2	15.2	141.6	N/A	15.2	141.6	141.6	17.8	141.6	N/A	14.6	141.6	N/A	20.3
INT	141.6	145.4	15.2	141.6	N/A	15.2	141.6	141.6	17.8	151.8	N/A	14.6	144.1	N/A	20.3
EOR	141.6	145.4	15.2	141.6	N/A	15.2	141.6	141.6	17.8	121.3	N/A	14.6	118.1	N/A	20.3
4 FEET IND	113.0	120.7	15.2	113.0	N/A	15.2	113.0	113.0	17.8	N/A	N/A	14.6	115.6	N/A	20.3
BOR	113.0	120.7	15.2	113.0	N/A	15.2	113.0	113.0	17.8	113.0	N/A	14.6	113.0	N/A	20.3
INT	113.0	116.8	15.2	113.0	N/A	15.2	113.0	113.0	17.8	121.3	N/A	14.6	115.6	N/A	20.3
EOR	113.0	116.8	15.2	113.0	N/A	15.2	113.0	113.0	17.8	90.8	N/A	14.6	90.2	N/A	20.3
3 FEET IND	85.1	92.7	15.2	85.1	N/A	15.2	85.1	85.1	17.8	N/A	N/A	14.6	87.6	N/A	20.3
BOR	85.1	92.7	15.2	85.1	N/A	15.2	85.1	85.1	17.8	85.1	N/A	14.6	85.1	N/A	20.3
INT	85.1	88.9	15.2	85.1	N/A	15.2	85.1	85.1	17.8	90.8	N/A	14.6	87.6	N/A	20.3
EOR	85.1	88.9	15.2	85.1	N/A	15.2	85.1	85.1	17.8	60.3	N/A	14.6	62.2	N/A	20.3
2 FEET IND	57.2	64.8	15.2	57.2	N/A	15.2	57.2	57.2	17.8	N/A	N/A	14.6	59.7	N/A	20.3
BOR	57.2	64.8	15.2	57.2	N/A	15.2	57.2	57.2	17.8	57.2	N/A	14.6	57.2	N/A	20.3
INT	57.2	61.0	15.2	57.2	N/A	15.2	57.2	57.2	17.8	60.3	N/A	14.6	59.7	N/A	20.3
EOR	57.2	61.0	15.2	57.2	N/A	15.2	57.2	57.2	17.8	0.0	N/A	0.0	0.0	N/A	0.0

For individual fixture sizes, see corresponding segments of chart. To calculate total row length of combined fixtures, add lengths of each required beginning (BOR), intermediate (INT) and end of row (EOR) fixtures.



DIAGRAMS NOT TO SCALE

ELECTRICAL CONNECTIONS:

1. Connect the black fixture wire to line voltage, the white wire to neutral, and the green wire to ground. Do not remove or use a different power cord fitting than the one supplied.
2. The mode switching wiring is installed as follows: Connect the yellow wire from each fixture together and to one end of a switch. Connect the orange wire from each fixture together and to the other end of a switch. If using an occupancy sensor instead of a switch, refer to (INS-404) for wiring details.
3. Direct/Indirect fixture models designated with "DI" in the model number have duplicate wires for line voltage (black, white, and green), mode switching (yellow and orange), and dimming (purple and pink). Matching color wire pairs must be field connected for proper operation.

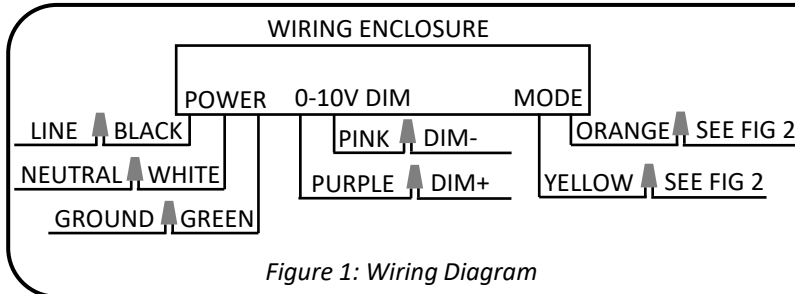


Figure 1: Wiring Diagram

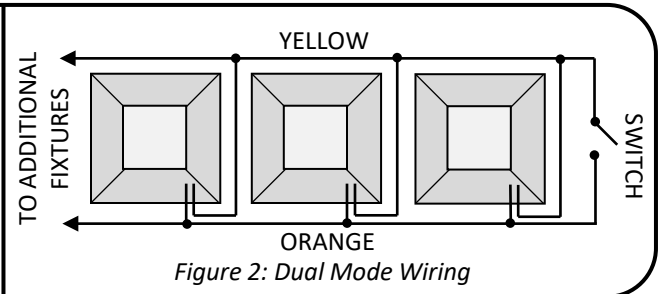


Figure 2: Dual Mode Wiring

FINISHING INSTALLATION:

1. Replace the ballast cover if applicable.
2. Replace the lens if applicable.
3. Ensure supply voltage corresponds with the correct ballast/driver voltage.
4. Before powering up fixture, perform appropriate testing to ensure the fixture is properly grounded.
5. Apply power. Ensure that fixture can be turned on and off and switch between modes.

Directions for Use

The use of this LED module is a supplement to, and not a substitute for, standard infection control practices. Users must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. When installed under guidance by Vyv Inc. and used continuously as a supplement to a comprehensive cleaning and disinfection protocol, Vyv Antimicrobial Light LED Modules reduce the amount of bacteria on hard non-porous surfaces in direct line-of-sight of the lights. This product is intended for use in overhead lighting applications. Only install in lighting fixtures manufactured or approved by Vyv Inc. Some types of fixture coverings can reduce the effectiveness of these lights. Only use fixture covers composed of materials approved by Vyv Inc. In the event that replacement of the LED module is necessary, follow the instructions in the operating manual for the lighting fixture.

OPERATION: Dual Mode wiring allows the unit to switch between Antimicrobial+Light Mode and Enhanced Antimicrobial Mode. The wiring is low voltage and comes wired as Normally Open, which means that the unit will be in its default Enhanced Antimicrobial Mode when the orange and yellow Dual Mode wires are disconnected.

Use 'Antimicrobial+Light Mode' when both continuous antimicrobial action and white light illumination are needed and 'Enhanced Antimicrobial Mode,' which is teal-violet in appearance and emits a higher dosage of Vyv's antimicrobial wavelengths, as an antimicrobial cleaning mode for when full illumination is not required.

Refer to Installation Instruction Supplement: (INS-402) for single driver fixtures or (INS-403) for 2 driver system fixtures.

For maximum antimicrobial effectiveness leave the light in "Enhanced Antimicrobial Mode" when white light illumination is not required. Antimicrobial action stops when the unit is turned off entirely.

DISPOSAL: For disposal of the LED module, dispose or recycle according to local applicable laws.

Maintenance Instructions

Turn power off before performing maintenance. Use a soft cloth to clean or dust the fixture. For heavy dirt or residue, use a soft cloth lightly dampened with soap and water or another mild cleanser. Warning: Do not use alcohol, abrasives or harsh solvents. The use of improper cleaning materials or methods can lead to degradation of the lens material which can inhibit the antimicrobial effect of the product.

For troubleshooting Tips, please contact Vyv.

Please refer to the most recent version of Vyv's Product Limited Warranty (LIT-027) to view Vyv's full warranty terms.

Devices using Vyv's Antimicrobial Light LED modules have been tested according to IEC 62471 Photobiological safety of lamps and lamp systems and were classified as "Exempt Group" and require no special labeling or restriction on use.

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Vyv, Inc. reserves the right to upgrade and improve products without notice.

