

## VSM Medical Patient Ambient Luminaire



**Application:** The Vyv VSM Medical Patient Ambient Luminaire is a specification-grade, luminaire which provides a patient room lighting solution. Designed as a sealed ambient light for hospitals, nursing homes and other patient care facilities. Adding the optional IP65 certification also brings a cleanroom rating of ISO5 for use in protective environments and isolation rooms.

**Mode Switching:** Use 'Antimicrobial+Light Mode' when both continuous antimicrobial action and illumination are needed and 'Enhanced Antimicrobial Mode,' which emits a higher dosage of Vyv's antimicrobial wavelengths, as an antimicrobial cleaning mode for when full illumination is not required. See installation instructions (INS-409) for wiring details.

### Product Specifications

**Housing:** Precision formed, code gauge cold rolled steel. Wiring access plate or knockouts are provided on back of housing, for flexible conduit attachment.

**Mounting:**

Grid Mount - holes provided for chain mounting support to building structure, and comes with integral earthquake clips.  
Flange Mount - yoke mounting bracket (see product code).

**Lens:** Linear prismatic extruded frosted acrylic diffuser offer high levels of efficiency and visual comfort. The single piece 16ga aluminum door frame with .125" clear acrylic lens is sealed and gasketed for easy cleaning.

**Finish:** Antimicrobial gloss white polyester powder coat finish with a 5-stage pre-treatment offers a high reflectivity coating for improved performance and efficiency.

**Electrical:** Long life LED's coupled with high efficiency drivers provide quality illumination. The standard driver comes standard with 0-10v dimming and has a THD of <10%. All electrical components are UL approved.

**LED:** Patented Vyv LED package. The range of CCT (correlated color temperature) follows the color uniformity guidelines of the American National Standard regarding specifications for the chromaticity of solid-state lighting (SSL) products as per ANSI C78.377-2017.

**Approvals:** Approved to UL standards. Suitable for Damp Location. EPA Est. 94831-CAN-1. Covered by one or more of the following U.S. Patent Numbers: 9,333,274; 9,439,989; 9,713,223; 9,927,097; 10,357,582; 10,753,575



## Ordering

Project: \_\_\_\_\_ Date: \_\_\_\_\_  
 Luminaire Type: \_\_\_\_\_ Approved By: \_\_\_\_\_  
 Product Code: \_\_\_\_\_

Series	Size	CRI	CCT	Lumens	Voltage	Features	Finish	Mounting
VSM		80			UNV		ABF	
	14 1'x4'	80 80 CRI	30 3000K	1'x4' 04 4,000lm	UNV 120-277V	<b>N</b> Dual Mode (Antimicrobial+Light Mode & Enhanced Antimicrobial Mode) <b>W</b> Antimicrobial +Light Mode	<b>ABF</b> Gloss White Antimicrobial	<b>IF</b> Inset Door Flange <b>IG</b> Inset Door Grid
	22 2'x2'		35 3500K	2'x2' 04 4,000lm				
	24 2'x4'		40 4000K	2'x4' 08 8,000lm				

Options	
<b>Driver</b>	
<b>EBP</b>	Emergency Lighting Battery Pack
<b>Packaging</b>	
<b>S1</b>	Pack Bulk/Pallet Packed and/or Wrapped
<b>Approval</b>	
<b>X8</b>	IP65 Rating / ISO5 Cleanroom
<b>Fusing</b>	
<b>T1</b>	Fuseholder, In-line Single Pole

## Dimensions

Consult installation instructions for exact dimensions.

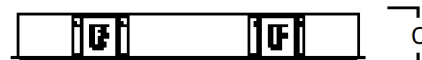
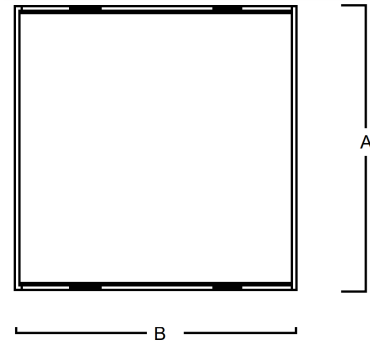
Mounting	A	B	C
IF - 1'x4'	12.3"	48.3"	3"
IF - 2'x2'	24.7"	25.3"	3"
IF - 2'x4'	24.7"	49.3"	3"
IG - 1'x4'	11.7"	47.7"	3"
IG - 2'x2'	23.7"	23.7"	3"
IG - 2'x4'	23.7"	47.7"	3"

## Performance

Size	Lumens	CRI	Watts
1'x4'	4,000	80	85
2'x2'	4,000	80	85
2'x4'	8,000	80	170

## Electrical

<b>Input Frequency</b>	50/60Hz
<b>Power Factor</b>	>.9
<b>Control</b>	On/Off via standard light switch Antimicrobial+Light Mode to Enhanced Antimicrobial Mode (optional) via low voltage switch or controls.



Vyv will work with your facility to customize a design for lighting and antimicrobial action. Vyv, Inc. reserves the right to upgrade and improve products without notice.

SPECIFICATIONS AND DATA SUBJECT TO CHANGE WITHOUT NOTICE

Updated November 16, 2022