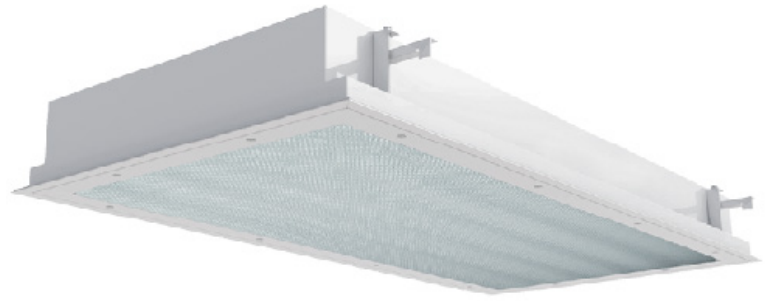


## VSCRU Cleanroom Recessed Universal Luminaire



**Application:** The Vyv VSCRU Cleanroom Recessed Universal Luminaire is certified IP65 and rated for ISO Class 3-8 cleanrooms. The inset door seals directly to the housing and overlapping door seals to the ceiling and housing, completely covering the fixture flange. Triple gasketed, listed for wet locations and is tested to 2500Psi washdown. Inset door suitable for Biosafety BSL1-2 and overlapping door for BSL1-3.

**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-415) for wiring details.

### Product Specifications

**Housing:** Precision formed, seam welded, one-piece, hole-free construction. 20 gauge cold rolled steel standard. Rigid 18 gauge flange with welded and rounded corners for safety.

**Door Frame:** One-piece 18 gauge cold rolled steel standard, Countersunk flat head, stainless steel, captive fasteners with integral silicone o-rings. Door frame is removable, reversible, and hinged by stainless steel aircraft cables. Highly resilient and chemical resistant CertaSeal microcellular closed-cell gasket seals door frame to the housing and/or ceiling.

**Finish:** 5-stage pretreatment and antimicrobial gloss white polyester powder coated after fabrication. ASTM B117 1000hr Salt Spray tested.

**Mounting:** Flange installation is supported by swing style mounting brackets with a range of 1.3-2.9". Grid installation suitable for 1" and 1.5" T-bar NEMA LE4 Type G ceilings. See options housing for additional 2" T-Bar support. Ambient operating temperature: -4°F (-20°C) to 104°F (40°C).

**Lens:** Impact resistant 0.125" thick diffuse symmetric acrylic lens. Smooth external surface for easy cleaning. Sealed to doorframe with RTV silicone sealant and retained by continuous perimeter brackets.

**Electrical:** The standard electronic driver is constant current, programmable and dimmable to 1% using a 0-10V protocol. High efficiency (>85%) and low THD (<10%). Certified to FCC Part 15, Class A. 120-277Vac, 50/60hz. Internal Emergency Drivers are serviceable from the room side unless otherwise noted.

**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:** UL listed for wet locations under covered ceilings (ANSI/UL1598 & UL8750). Recessed Type IC for insulated ceilings. NSF2 for Splash zone and non-food zones (X5 for Food Zone certification). IEC60529 IP65. Cleanroom classified ISO3-8. EU GMP Grade A. 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: \_\_\_\_\_

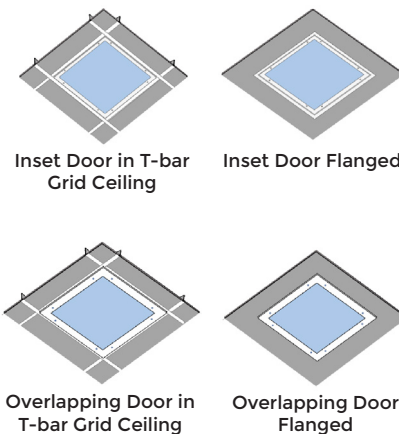
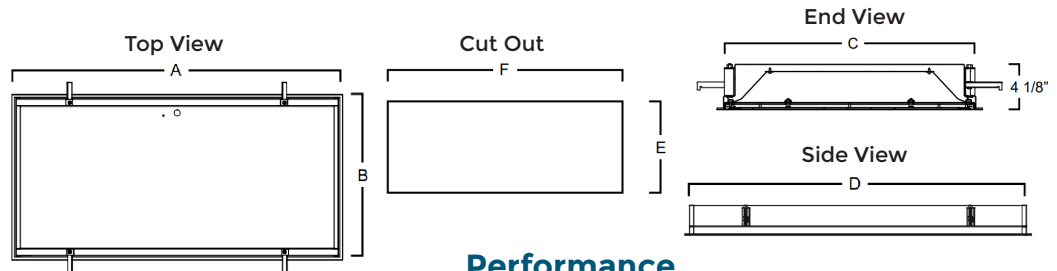
Series	Size	CRI	CCT	Lumens	Voltage	Features	Finish	Door Style
VSCRU		80			UNV		ABF	
	14 1'x4'	80 80 CRI	30 3000K	1'x4'	UNV 120-277V	<b>N</b> Dual Mode (Antimicrobial+Light Mode & Enhanced Antimicrobial Mode) <b>W</b> Antimicrobial +Light Mode	<b>ABF</b> Gloss White Antimicrobial	<b>I</b> Inset <b>O</b> Overlapping
	22 2'x2'		35 3500K	05 5,000lm				
	24 2'x4'		40 4000K	05 5,000lm 2'x4' 10 10,000lm				

Options	
<b>Driver</b>	
<b>EBP</b>	Emergency Lighting Battery Pack
<b>Lens</b>	
<b>L13</b>	0.125" Prismatic Acrylic (Pattern #12, Inverted)
<b>Construction</b>	
<b>TBAR2</b>	Housing for 2-inch T-Bar
<b>Accessories</b>	
<b>M70</b>	Install Frame (Plaster Ceilings)
<b>M46</b>	Continuous Row Mounting (Flanged Applications)
<b>Approvals</b>	
<b>X5</b>	NSF Food Zone-Non-contact
<b>Door</b>	
<b>DP</b>	20 Ga. CRS Painted
<b>DR</b>	20 Ga. 304 SS #4 Brushed
<b>DT</b>	20 Ga. 304 SS Painted
<b>DE</b>	18 Ga. 304 SS Painted
<b>DH</b>	18 Ga. 304 SS #4 Brushed
<b>DL</b>	18 Ga. 316 SS Painted
<b>DQ</b>	18 Ga. 316 SS #4 Brushed
<b>DU</b>	.050" Aluminum Painted
<b>Housing</b>	
<b>HT</b>	20 Ga. 304 SS Painted
<b>HL</b>	18 Ga. SS #316 Painted
<b>HU</b>	.050" Aluminum Painted
<b>Finish</b>	
<b>C77</b>	White Stainless Steel Door Screws

## Dimensions

Consult installation instructions for exact dimensions.

Size	A	B	C	D	E	F	Weight
1'x4'	47 3/4"	11 3/4"	10 11/16"	46 3/4"	10 11/16"	46 3/4"	32 lbs.
2'x2'	23 3/4"	23 3/4"	22 11/16"	22 7/8"	22 11/16"	22 7/8"	29 lbs.
2'x4'	47 3/4"	23 3/4"	22 11/16"	46 3/4"	22 11/16"	46 3/4"	50 lbs.



## Performance

Size	Lumens	CRI	Watts
1'x4'	5,000	80	85
2'x2'	5,000	80	85
2'x4'	10,000	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 February 28, 2023