

## VVLBFP Lightbar for Food Processing



**Application:** The Vyv VVLBFP Lightbar for Food Processing is a linear rounded top slim design fixture for use in heavy hosedown industrial food processing applications.

**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-456) for wiring details.

## Product Specifications

**Housing:** Seamless coextruded copolyester rounded outer shell aluminum housing. This patented process combines copolyester and aluminum together, with no seals or gaskets. The result is a single piece enclosure with excellent heatsinking characteristics for long lifetime.

**Mounting:** Chain/cable mount standard (chains/cables by others). Surface mount kit optional (2 - 316 stainless steel band mounts). Wall mount kit optional (2 - 316 stainless steel 45-degree angle band mounts).

**Lens:** Standard copolyester lens with high transmission of antimicrobial wavelengths and extreme chemical resistance. Inner diffuse layer with Dual Mode and Antimicrobial+Light Mode.

**Electrical:** Long life LEDs coupled with high efficiency drivers. Ambient temperature -40C to 40C.

**LED:** Patented Vyv LED package provides superior irradiance.

**Approvals:** cULus Listed. UL Listed for Wet Locations. IP69K Certified (1500 PSI), IK10 Impact Certified, NSF Certified, NEMA 4X and NEMA 6P Rated. EPA Est. 92639-NY-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



**IP69K**  
CERTIFIED

**IK10**  
IMPACT  
CERTIFIED



## Ordering

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

| Series | Size   | CRI*      | CCT*     | Lumens*                                 | Voltage      | Features   | Wiring Connector                           |
|--------|--------|-----------|----------|---|--------------|--|--|
| VVLBFP |        | 80        |          |   | UNV          |  | MCR5                                       |
|        | 24 24" | 80 80 CRI | 30 3000K | 24" 2,000lm                             | UNV 120-277V | <b>N</b> Dual Mode<br>(Antimicrobial+Light Mode & Enhanced Antimicrobial Mode)<br><b>W</b> Antimicrobial +Light Mode<br><b>E</b> Enhanced Antimicrobial Mode | <b>MCR5</b> Mini-Change Receptacle, 5 Pole |
|        | 48 48" |           | 35 3500K | 02 2,000lm                              |              |  |  |
|        | 96 96" |           | 40 4000K | 48" 4,000lm                             |              |  |  |
|        |        |           |          | 04 4,000lm<br>96" 8,000lm<br>08 8,000lm |              |  |  |

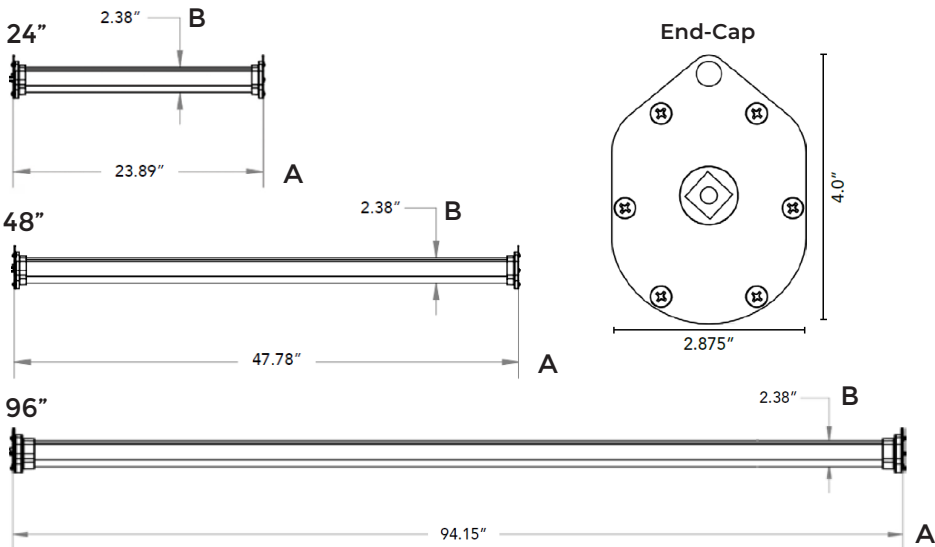
\*CRI, CCT and Lumens not required for Enhanced Antimicrobial Mode only. Example: VVLBFP-48-UNV-E-MCR5

## Accessories Ordered Separately

| Cabling/Wiring Connector  | Mounting   |
|---|--|
| <b>LC-MCR5-06</b> 6' Leader Cable, 5 Pole, 16 AWG, Yellow<br><b>LC-MCR5-20</b> 20' Leader Cable, 5 Pole, 16 AWG, Yellow<br><b>JC-MCR5-03</b> 3' Jumper Cable, 5 Pole, 16 AWG, Yellow<br><b>JC-MCR5-06</b> 6' Jumper Cable, 5 Pole, 16 AWG, Yellow<br><b>JC-MCR5-12</b> 12' Jumper Cable, 5 Pole, 16 AWG, Yellow<br><b>DT-MCR5</b> Mini-Change-to-Mini-Change Drop Tee, 5 Pole | <b>STANDARD</b> All Fixtures Include Cable Mount Option (Actual Cable/Chain Not Included)<br><b>MNT-SM</b> Surface Mount Kit - Includes (2) Stainless Steel Band Mounts<br><b>MNT-WM</b> Wall Mount Kit - Includes (2) Stainless Steel 45-Degree Angle Band Mounts |

## Basic Dimensions

Consult installation instructions for exact dimensions.



## Dimensions

| Size | A      | B     |
|------|--------|-------|
| 24"  | 23.89" | 2.38" |
| 48"  | 47.78" | 2.38" |
| 96"  | 94.15" | 2.38" |

## Performance

| Size | Watts |
|------|-------|
| 24"  | 33.4  |
| 48"  | 65.1  |
| 96"  | 130.2 |

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 March 27, 2023

