

VVLBFP IP69K Rated Lightbar



Application: The Vyv VVLBFP IP69K Rated Lightbar is a linear rounded top slim design fixture for use in heavy hosedown industrial food and beverage 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

Code Compliance: In 2021, ASHRAE/IES 90.1 and IECC 2021 Section C405.3.1.20 added exemptions from energy calculations for antimicrobial lights. Both LED modes have antimicrobial effect.
Ref: NEMA LSD EB 84-2021

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.

Electrical: Long life LEDs coupled with high efficiency drivers.
Ambient temperature -40C to 40C.
Universal 120 – 277 VAC input driver used.

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; ; 11,713,851



IP69K
CERTIFIED

IK10
IMPACT
CERTIFIED



Ordering

Project: _____ Date: _____
 Luminaire Type: _____ Approved By: _____
 Product Code: _____

Series	Size	CRI*	CCT*	Lumens*	Features	Wiring Connector
VVLBFP						
VVLBFP	24 24"	80 80 CRI	40 4000K	SO <i>Standard Output</i>	N Dual Mode	MCR5 Mini-Change Receptacle 5 Pole
	48 48"				W Antimicrobial+Light Mode	MCR3** Mini-Change Receptacle 3 Pole
	96 96"				E Enhanced Antimicrobial Mode	MCRDC3** Throughwired with Mini-Change Receptacle on Input & Output, 3 Pole
						W3** 6' Hardwired SJEOW Cord, 3 Wire

Accessories Ordered Separately

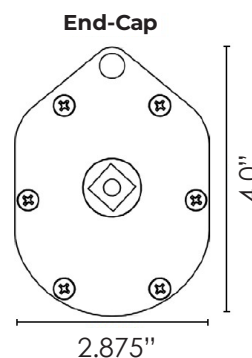
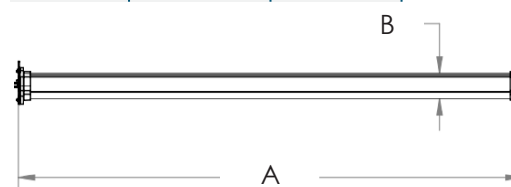
5-POLE Cabling/Wiring Connector	Mounting
LC-MCR5-06 6' Leader Cable, 5 Pole, 16 AWG, Yellow LC-MCR5-20 20' Leader Cable, 5 Pole, 16 AWG, Yellow JC-MCR5-03 3' Jumper Cable, 5 Pole, 16 AWG, Yellow JC-MCR5-06 6' Jumper Cable, 5 Pole, 16 AWG, Yellow JC-MCR5-12 12' Jumper Cable, 5 Pole, 16 AWG, Yellow DT-MCR5 Mini-Change-to-Mini-Change Drop Tee, 5 Pole	STANDARD All Fixtures Include Cable Mount Option (Actual Cable/ Chain Not Included) MNT-SM Surface Mount Kit - Includes (2) Stainless Steel Band Mounts MNT-WM Wall Mount Kit - Includes (2) Stainless Steel 45-Degree Angle Band Mounts
3-POLE Cabling/Wiring Connector FOR FEATURE SELECTION -E or -W ONLY	
LC-MCR3-06 6' Leader Cable, 3 Pole, 16 AWG, Yellow LC-MCR3-20 20' Leader Cable, 3 Pole, 16 AWG, Yellow JC-MCR3-01 1' Jumper Cable, 3 Pole, 16 AWG, Yellow JC-MCR3-03 3' Jumper Cable, 3 Pole, 16 AWG, Yellow JC-MCR3-06 6' Jumper Cable, 3 Pole, 16 AWG, Yellow	

*CRI, CCT and Lumens not required for Enhanced Antimicrobial Mode only. Example: VVLBFP-48-E-MCR3

**Wiring Connector selections are only available for Feature selection -E or -W

Dimensions

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



Performance

Size	Watts	Lumens (SO)
24"	33.4	2,000
48"	65.1	4,000
96"	130.2	8,000



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 May 31, 2024