

Product Description

The Focus LHB pendant and ceiling mount linear LED luminaire provides controlled illumination for general and task lighting designed for the harsh environments found in food processing and heavy manufacturing facilities. The fixture utilizes high efficiency LED light sources to reduce maintenance and lower energy costs. Mounting heights of 8 to 25 feet can be achieved based on light level and uniformity requirements.

> Quick Ship - In Stock, Ready to Ship

Project:		Type:
Location:		
Prepared By:		Date:
Comments:		

Performance Summary

- Energy-efficient Samsung 561B LEDs with high efficacy >150 Lm/W
- USA assembled product with quick warranty support
- In stock and ships from several U.S. locations for quick delivery
- Better visibility than HID with crisp, 4000K or 5000K white light
- Patented design with high quality components, excellent choice for retrofitting
- Heavy duty and high impact resistance
- Solid State with IK10 high-shock and vibration resistance - 3G vibration tested
- Patented heat dissipation design for optimum efficiency
- National listing lab tested to IES standards with 70 or 110 degree optic
- High lumen maintenance exceeds DOE requirements
- 1/9th LED micro color binning enables tight color control
- Clear UV-stabilized polycarbonate or optical DR acrylic lens
- Mounting by pendant or use optional stainless steel adjustable wall/ceiling bracket
- Powdercoat finish over chromate conversion coating
- Heavy duty extruded aluminum and die cast housing with silicone gaskets
- Housing is sandblasted and polished for corrosion resistance, rust free and fadeless
- Streamlined housing, no rough edges or scraping, with SUS316 stainless steel fasteners
- Drivers, sensors, and battery backup are mounted on modular trays for easy maintenance
- CNC machined LED boards are flatness controlled to 0.1mm to speed up heat dissipation
- Replaceable aluminum LED boards with copper tracings for best thermal management
- LED array manufactured using a state-of-the-art SMT machine
- Copper condensation valve balances the air pressure and prevents water vapor accumulation
- Cooling fins are added to the heatsink for low temperature and higher efficiency
- Patented double waterproofing design on the radiator and module to prevent condensation
- Advanced constant current Meanwell HLG power supply in integrated junction box
- Electronic Driver, 120-277V or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90
- Standard internal surge protection 2KV to 6kV depending on wattage
- 0-10V dimming standard for a dimming range of 10% to 100%
- Excellent optical presentation for multiple applications
- Unmatched thermal management and proven lumen maintenance ratio
- Improved illumination performance and excellent optics control
- High power factor with IC controlled LED circuits and low THD driver
- Low junction temperature for long life and low lumen depreciation
- Instant illumination and restrike with no warm up or cold start issues
- Contains no mercury, lead, infrared or UV radiation and cool to the touch
- High CRI - RA>80 enhances original colors
- Operating temperature: -40 to 55 degrees celsius
- 100,000 hour LED life - IP66 rated for outdoor locations
- Certifications: CE, RoHS, ETL, cETLus, ANSI/UL, ANSI NSF 2
- 10 year limited warranty

Focus LHB

NSF 2 Cold Storage Linear High Bay
LED Dimmable Luminaire



Shown with Optional Internal Microwave Sensor



Vivid Leds, Inc.
PO BOX 9
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330-809-0431
www.vividleds.us

Dimensions, specifications, and product pictures are subject to change without notice.

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Applications:

- Low Bay and High Bay
- Food and Beverage Processing
- Food Distribution
- Meat and Poultry Processing
- Livestock Agricultural Facilities
- Heavy Industrial
- Manufacturing Facilities
- Cold Storage
- Vehicle Wash Facilities
- Pharmaceutical and Scientific Labs

NSF 2 – Food Splash Zone

An ETL Sanitation Mark on Food Service Equipment indicates that equipment is tested to ANSI/NSF 2 is fit for use in the production of food intended for human consumption, or the equipment is fit for use in an environment where food intended for human consumption is produced.



Listing & Ratings:

ETL

- Listed for Wet Locations

ANSI/UL

- 1598
- 8750

OTHER

- ETL Sanitation certified to National Sanitation Foundation ANSI NSF2
- Food Splash Zone
- IP66 Sealed LED Compartment
- Pressure wash rated to 1400 PSI

Controls:

Fixtures Ordered with Factory-Installed Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with Controls and May Not Function Properly with Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.



Models:

- WDBLD2Q25 - 25W - 4212 Lm - 2' Linear - 24" (L) x 4.1" (W) x 4.1" (H)
- WDBLD2Q35 - 35W - 5559 Lm - 2' Linear - 24" (L) x 4.1" (W) x 4.1" (H)
- WDBLD2Q50 - 50W - 8356 Lm - 2' Linear - 24" (L) x 4.1" (W) x 4.1" (H)
- WDBLD4Q50 - 50W - 8356 Lm - 4' Linear - 48" (L) x 4.1" (W) x 4.1" (H)
- WDBLD4Q75 - 75W - 12719 Lm - 4' Linear - 48" (L) x 4.1" (W) x 4.1" (H)
- WDBLD4Q100 - 100W - 16695 Lm - 4' Linear - 48" (L) x 4.1" (W) x 4.1" (H)
- WDBLD8Q150 - 150W - 23497 Lm - 8' Linear - 96" (L) x 4.1" (W) x 4.1" (H)
- WDBLD8Q200 - 200W - 30757 Lm - 8' Linear - 96" (L) x 4.1" (W) x 4.1" (H)

Ordering Information:				Part Number:		
*Adder Applies				Ordering Example: WDBLD2Q25-40-F-V27-W-CP		
Family	CCT	Optic	Voltage	Housing	Clear Lens	Accessories*
WDBLD2Q25 WDBLD2Q35 WDBLD2Q50 WDBLD4Q50 WDBLD4Q75 WDBLD4Q100 WDBLD8Q150 WDBLD8Q200	40 - 4000K 50 - 5000K	F - Medium 70 Degree W - Wide 110 Degree	V27 - 120-277V V48 - 347-480V*	W - White CS - Custom*	CP - Polycarbonate CA - DR Acrylic	SM - Surface Mounting Bracket (Pair) PT - Remote Programming Tool SF - Single Fuse (V27 Only) DF - Double Fuse (V27 Only) SP - 10 KV Surge Protector (V27 Only) SP2 - 20 KV Surge Protector (V27 Only) BU - 90 Minute Battery Backup (V27 Only) S3 - Internal Microwave Sensor with Dimming for Mounting Heights of 25' or less (V27 Only)



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