

Product Description

The Focus HB suspended LED high bay luminaire provides controlled illumination for general and task lighting designed for the harsh environments found in food processing and heavy manufacturing facilities. These high-quality durable fixtures are used in food and beverage processing, meat and poultry processing, livestock agricultural facilities, heavy industrial, and manufacturing facilities. Mounting heights of 16 to 40 feet can be used 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 LEDs with high efficacy >160 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 Type V 80 degree optic
- High lumen maintenance exceeds DOE requirements
- 1/9th LED micro color binning enables tight color control
- Clear UV-stabilized polycarbonate lens or optional DR acrylic lens
- Mounting by suspension Die Cast aluminum captive hook
- High efficiency, heat dissipating, powdercoat finish over chromate conversion coating
- Heavy duty extruded aluminum alloy 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
- 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
- Electronic Driver, 120-277V, 50/60Hz; or 347-480V, Less Than 20% THD and PF>0.90
- Standard internal surge protection of 4KV to 6KV depending on wattage
- 0-10V dimming standard for a dimming range of 10% to 100%
- Power input is standard 6' Yellow Cable (5-Conductor Wire to Pigtails) (Black, White, Green, Purple, Gray)
- 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
- 182,000 hour LED life - IP66 rated for outdoor locations
- Certifications: CE, RoHS, ETL, cETLus, ANSI/UL, ANSI NSF 2
- 10 year limited warranty

Focus HB

NSF 2 Cold Storage IP66 High Bay
LED Dimmable Luminaire



Vivid Leds, Inc.
PO BOX 9
Sellersburg, IN 47172
330-809-0431
www.vividleds.us

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

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

Listing & Ratings:

ETL

- Listed for Wet Locations

ANSI/UL

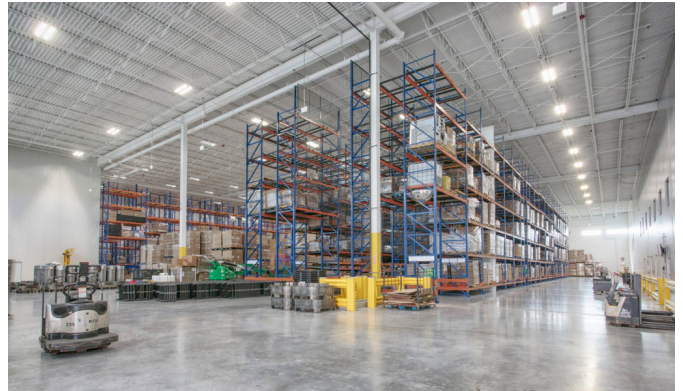
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OTHER

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

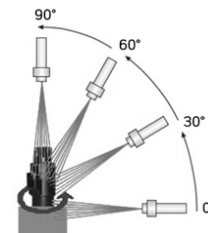
Emergency Battery Backup:

- Minimum 90-Minute Duration
- 16W 2400 Lumen Maximum Based on Fixture Wattage
- Temperature Range from 50°F to 122°F (10°C to 50°C)
- 120-277V only



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.



Models:

- VDNOPM100 - 100W - 16044 Lm - 0.44A - 17" (D) x 11" (H)
- VDNOPM150 - 150W - 24494 Lm - 0.56A - 17" (D) x 11" (H)
- VDNOPM200 - 200W - 31999 Lm - 0.72A - 17" (D) x 11" (H)
- VDNOPM240 - 240W - 38905 Lm - 0.97A - 17" (D) x 11" (H)

Ordering Information:					Part Number:	
*Adder Applies					Ordering Example: VDNOPM100-50-F-V27-W-CA	
Family	CCT	Optic	Voltage	Housing	Lens	Accessories*
VDNOPM100 VDNOPM150 VDNOPM200 VDNOPM240	40 - 4000K 50 - 5000K	F - Medium 80 Degree	V27 - 120-277V V48 - 347-480V* *100 & 150 Only	W - White	CA - DR Acrylic* CP - Clear Polycarbonate** **Not for Alkaline Industrial Cleaners	SF - Single Fuse DF - Double Fuse SP - 10 KV Surge Protector 120-277V SP2 - 20 KV Surge Protector 120-277V SPH - 10 KV Surge Protector 347-480V S5 - Microwave Sensor with Dimming up to 25' BU - Battery Backup 90 Minutes SC - 6' Safety Cable P1 - Remote Programming Tool for S5



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The product on this page is a manufactured to order, non-stocking item. This product cannot be returned for refund or credit.

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