



VIVID ENERGIES

LED Lighting Solutions For Our Future And Your Bottom Line



Type:
Project:
Description:

# VHB Round High Bay



Up To **180** Lumens Per Watt **LED**

**5** Year Warranty

Plug & Play Wireless Network

## FEATURES

# VALUE & QUALITY

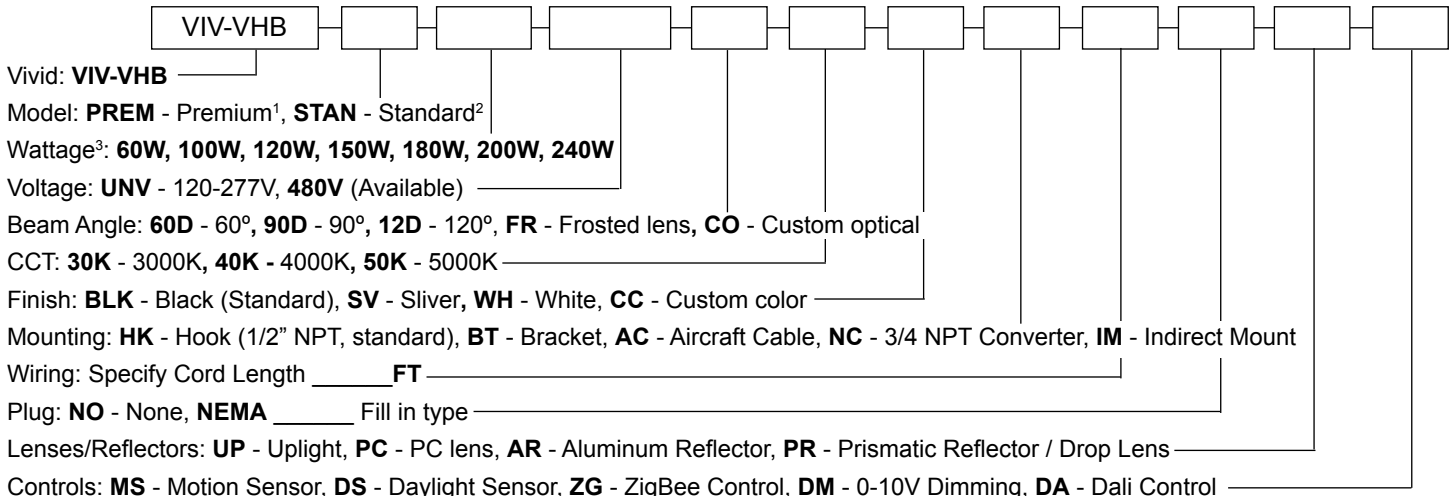
- Innovative "Plug & Play" intelligent sensor design
- Smooth and sleek construction for easy clean-up
- Integrated wireless IoT Zigbee® mesh network controls
- Cutting edge occupancy sensing technology averages 35% savings
- Delivers up to 41,000 Lumens, 145-180 Lumens per Watt
- Title 24 Compliant

## SPECIFICATIONS

Model Number	Dimensions	CRI	LED Manufacturer	Power Factor	IP Rating
VIV-VHB	ø 11" dia. (up to 150W) ø 14" dia. (180-240W) <i>See page 3 for more information</i>	>80	Lumileds	>0.90	IP65 Wet Location

## ORDERING GUIDE

Sample Number: VIV-VHB-PREM-120W-UNV-60D-50K-BLK-HK-8FT-NO-UP-MS



<sup>1</sup> Up to 180 lm/W    <sup>3</sup> Refer to page 3 for specific wattages based on diameter  
<sup>2</sup> Up to 145 lm/W

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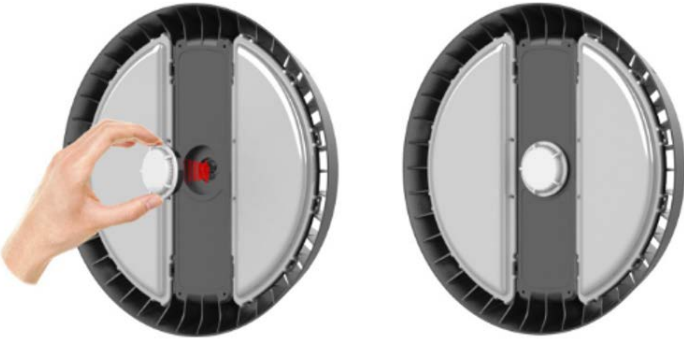


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### CONTROLS SYSTEM OVERVIEW

Industry leading plug and play ZigBee® wireless mesh network sensor. Can be quickly installed in the field or factory installed.

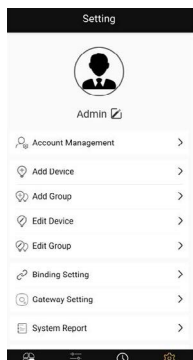


Quick Change Option:  
Standard to Smart Fixture  
in Seconds

Featuring: Occupancy Sensing, Auto Scheduling, Task Tuning, Daylight Harvesting, Load Shedding, Zoning /Grouping

### CONTROLS SYSTEM PROGRAMMING

Simple, step-by-step, instructions provided



- Step 1 – Download the iLightsIn Pro APP from iTunes or Google Play Store
- Step 2 – Log into App
- Step 3 – Connect to the Gateway
- Step 4 – Power Up fixtures per instructions and add to the network
- Step 5 – Create Groups if desired which will operate based on different protocols
- Step 6 – Bind control devices including remote control devices and switches to each group
- Step 7 – Set up the Gateway tailored to specific facility
- Step 8 – If multiple Gateways, connect fixtures together to controls in sync
- Step 9 – Determine rules for groups – timing, dimming level, daylight sensing, occupancy sensing, etc.
- Step 10 – Add time schedules to facility based on shifts, occupancy, holidays, weekends
- Step 11 – Determine reporting parameters so energy usage can be tracked and manage



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**OPTIC AND REFLECTOR OPTIONS**

A wide variety of optics place the light where it is needed in each specific application. Most importantly, they can be changed out in the field in just few seconds!



High Bay with PC lens

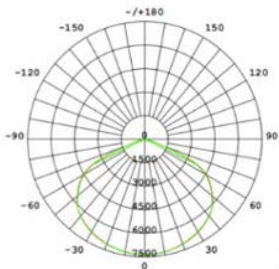


High Bay with aluminum reflector

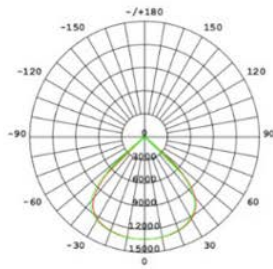


High Bay with prismatic reflector and drop lens

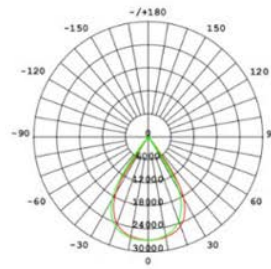
**AXIAL CANDELA DISPLAY**



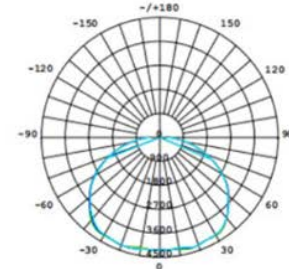
120° wide angle for Factory / Gymnasiums / Athletic Center



90° medium angle for large open areas



60° narrow angle for highly installed or narrow areas



Prismatic frosted reflector and drop lens for lower ceilings

**PERFORMANCE**

Model Number		VIV-VHB						
Input Wattage		60W	100W	120W	150W	180W	200W	240W
Dimensions		ø 11" diameter				ø 14" diameter		
Premium	Efficiency (+/-5%)	<b>Up to 180 Lm/W</b>						
	Delivered Lumens (+/-5%)	10,500 Lm	17,500 Lm	21,000 Lm	25,300 Lm	30,600 Lm	33,900 Lm	40,800 Lm
Standard	Efficiency (+/-5%)	<b>Up to 145 Lm/W</b>						
	Delivered Lumens (+/-5%)	8,500 Lm	13,800 Lm	16,700 Lm	21,500 Lm	25,000 Lm	27,800 Lm	33,600 Lm



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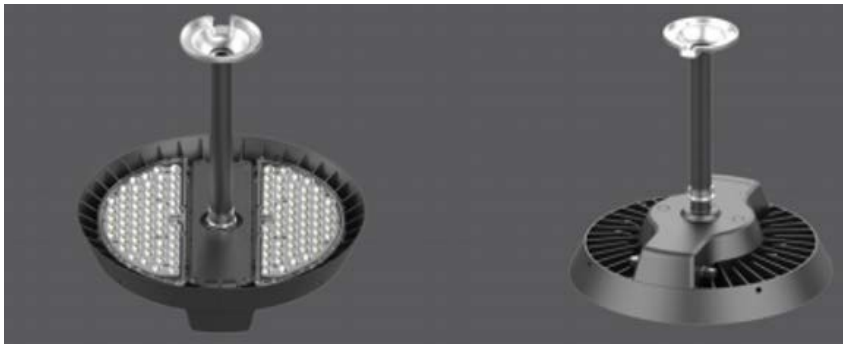
### MOUNTING OPTIONS



Hook Mount

Adjustable Bracket

Aircraft Cable Pendant Mount



Indirect Mount

NPT Pipe Mount

Easy Installation

### DIMENSIONS

All dimensions are nominal

