

# Architectural LED Round Highbay Light Series VHB06

## Features

- Sealed die-casting profile for indoor and outdoor applications.
- Universal voltage of 120-277V&347-480V.
- Best choice for replacing 250W MH and 400W MH.
- Above 80 color rendition index compared to HPS.
- Increase energy savings with bi-level motion sensor.
- Optional emergency battery to serve in accidental situation.
- Operating temperature is -40°C to 50°C (-40°F to 122°F).
- Hook mount, pendant mount and surface mount available.



67W&97W



140W



180W&215W



## Applications:

Suitable for commercial, retail and institutional applications including gymnasiums, factories and warehouses.



## PERFORMANCE DATA

| SYSTEM WATTS | PHOTOMETRY | VOLTAGE             | 4000K(80CRI) |         | 5000K(80CRI) |         |
|--------------|------------|---------------------|--------------|---------|--------------|---------|
|              |            |                     | LUMENS       | LPW     | LUMENS       | LPW     |
| 67W          | High Bay   | 120-277VAC          | 9100lm       | 136lm/W | 9100lm       | 136lm/W |
| 97W          | High Bay   | 120-277VAC          | 12300lm      | 127lm/W | 12300lm      | 127lm/W |
| 140W         | High Bay   | 120-277VAC/347-480V | 17500lm      | 125lm/W | 17500lm      | 125lm/W |
| 180W         | High Bay   | 120-277VAC          | 24500lm      | 136lm/W | 24500lm      | 136lm/W |
| 215W         | High Bay   | 120-277VAC          | 29000lm      | 135lm/W | 29000lm      | 135lm/W |

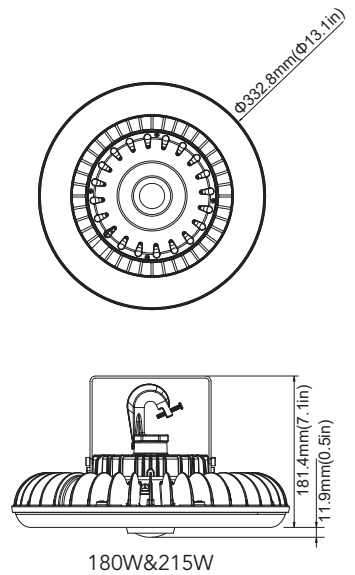
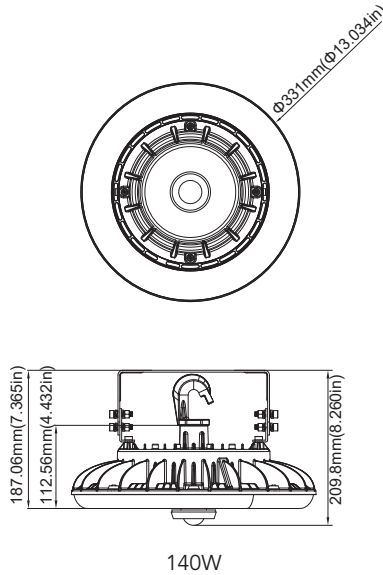
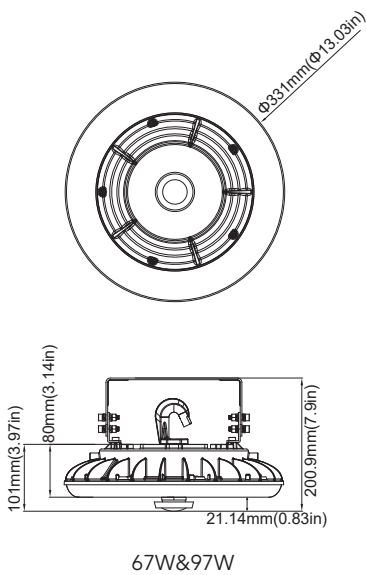
# ELECTRICAL DATA

| Number Of Drivers | Driver Current (mA) | Nominal Power (W) | INPUT VOLTAGE (V) | CURRENT (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1                 | 1080                | 67                | 120               | 0.56           |
|                   |                     | 67                | 208               | 0.32           |
|                   |                     | 67                | 240               | 0.28           |
|                   |                     | 67                | 277               | 0.24           |
| 1                 | 2500                | 97                | 120               | 0.81           |
|                   |                     | 97                | 208               | 0.47           |
|                   |                     | 97                | 240               | 0.40           |
|                   |                     | 97                | 277               | 0.35           |
| 2                 | 3300                | 140               | 120               | 1.17           |
|                   |                     | 140               | 208               | 0.67           |
|                   |                     | 140               | 240               | 0.58           |
|                   |                     | 140               | 277               | 0.51           |
|                   | 3400                | 140               | 347               | 0.40           |
|                   |                     | 140               | 480               | 0.29           |
| 1                 | 930                 | 180               | 120               | 1.50           |
|                   |                     | 180               | 208               | 0.87           |
|                   |                     | 180               | 240               | 0.75           |
|                   |                     | 180               | 277               | 0.65           |
| 1                 | 1065                | 215               | 120               | 1.75           |
|                   |                     | 215               | 208               | 1.01           |
|                   |                     | 215               | 240               | 0.88           |
|                   |                     | 215               | 277               | 0.76           |


# DIMENSION

unit: inch/mm

Weight:  
 67W: 5.71 lbs(2.59kg)    97W: 5.95 lbs(2.7kg)  
 140W: 6.00 lbs(2.723kg)    180W: 6.61 lbs(3.0kg)    215W: 6.61 lbs(3.0kg)

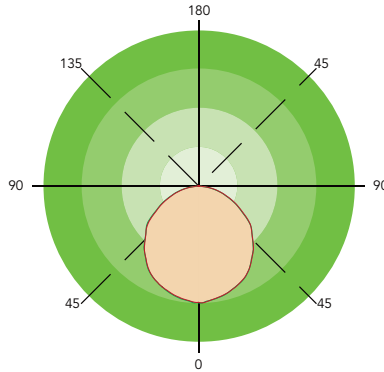


# ACCESSORIES

|   |   |   |
|---|---|---|
|  <p><b>Motion Sensor</b><br/>Integrated motion sensor available for on/off and dimming control for maximum energy savings.</p> |  <p><b>Emergency Box</b><br/>Emergency battery pack would provide the necessary brightness in emergency situations. Applicable ambient temperature is 10°C (50°F) to 40°C (104°F).</p> |  <p><b>U-bracket</b><br/>Use for surface mounting application. Available to adjust the angle of MHB06 to control the direction of irradiation. Two sizes for choosing to adapt two different struct.</p> |
|---|---|---|

# PHOTOMETRICS

General



## ORDERING GUIDE Example: VHB06140W27V50KB

| Fixture Type                    | Wattage   | Voltage                                    | CCT                                  | Finish   | Sensor (Option)                                     | Backup Battery (Option)  | Internal Code                       |
|---------------------------------|---|--|--------------------------------------|--|---|--|-------------------------------------|
| <input type="text"/>            | <input type="text"/>  | <input type="text"/>                       | <input type="text"/>                 | <input type="text"/>                                     | <input type="text"/>                                | <input type="text"/>   | <input type="text"/>                |
| <b>VHB06</b><br>High Bay Series | <b>67</b> 67W<br><b>97</b> 97W<br><b>140</b> 140W<br><b>180</b> 180W<br><b>215</b> 215W | <b>27V</b> 120-277V<br><b>48V</b> 347-480V | <b>40K</b> 4000K<br><b>50K</b> 5000K | <b>B</b> Black<br><b>D</b> Dark Bronze<br><b>W</b> White | <b>M</b> With Sensor<br><b>Blank</b> Without Sensor | <b>B</b> Emergency Battery<br><b>Blank</b> Without Emergency Battery | <b>Blank</b><br><b>Alphanumeric</b> |

Note: 1. 67W, 97W, 180W and 215W are only for 120-277V.  
2. Emergency Battery is not available for 180W and 215W.

# DLC Model NO.

| SYSTEM WATTS | VOLTAGE  | CCT   | LED NO. | DLC NO.   | DLC Classification |
|--------------|----------|-------|---------|---|--------------------|
| 67W          | 120-277V | 4000K | 2835    | MHB0667W27V40K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]  | standard           |
|              |          | 5000K | 2835    | MHB0667W27V50K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]  | standard           |
| 97W          | 120-277V | 4000K | 2835    | MHB0697W27V40K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]  | standard           |
|              |          | 5000K | 2835    | MHB0697W27V50K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]  | standard           |
| 140W         | 120-277V | 4000K | 2835    | MHB06140W27V40K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | standard           |
|              |          | 5000K | 2835    | MHB06140W27V50K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | standard           |
|              | 347-480V | 4000K | 2835    | MHB06140W48V40K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | standard           |
|              |          | 5000K | 2835    | MHB06140W48V50K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | standard           |