



## High Bay Round Elite



### LL-HBRE

#### High Bay Round Elite

The LITELUME™ LED High Bay Round Elite (LL-HBRE) Features the most up to date new technology, including field selectable color temperature, selectable power, and selectable beam angle distribution. This elite luminaire is constructed with a IP65 rated die cast housing suitable for both indoor and outdoor use. Incorporating a stylish design while upholding maximum durability and reliability. Controls ready.



#### PERFORMANCE DATA

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Lumen Output              | 13,600 - 50,000 lm                                                  |
| Lumens Per Watt (typical) | 175 lm/W                                                            |
| CCT                       | 3500K<br>4000K<br>5000K                                             |
| Lifespan                  | Features Ultra Efficient Driver<br>with up to 100,000 running hours |

#### RATINGS & CERTIFICATES

UL cUL Wet Location Listed  
TAA • IK08 • NSF • IP65

#### APPLICATIONS

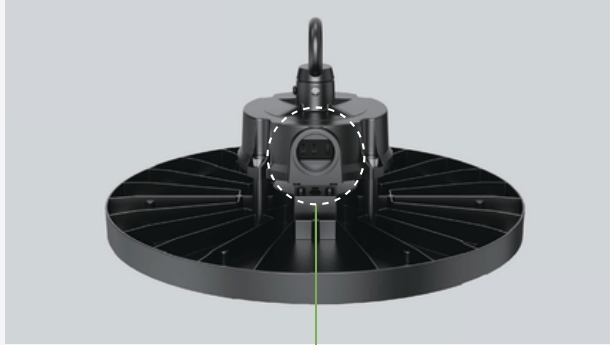
Gymnasiums • Food Processing • Grocery  
Education • Fitness Centers • Warehouses  
Manufacturing • Distribution • Wet Locations

#### FIXTURE INFORMATION

| Size                                                                                                                              | Housing                  | Finish                                                                                                                           | Optics                                              |                                                                      | Mounting                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
| 90W - 300W                                                                                                                        | Sealed Die Cast Aluminum | Protective Powder Coat                                                                                                           | • CRI > 80%<br>• Anti-UV Prismatic Translucent Lens | • UGR<28<br>• Selectable Beam Angles 70° / 90° / 110°                | • Standard: Ring Mount<br>• Optional: Pendant Mount, or U-Bracket |
| Electrical                                                                                                                        |                          |                                                                                                                                  |                                                     | Controls                                                             | Warranty                                                          |
| • Standard: 6kV Surge Protection<br>• Standard: 0-10V Dimming 100% to 10%<br>• Optional: Emergency Battery Backup (120-277V Only) |                          | • PF >0.9, THD <20%<br>• Standard: 6' Power Cord<br>• Universal 120-277V or 277-480V<br>• Operating Temperature: -40°F - + 131°F |                                                     | Controls Ready<br><br>See Accessories Ordering Guide for All Options | 10 Years                                                          |



## FEATURES



### Wattage, CCT & Beam Angle Selectable

This fixture features field-selectable lumens output, color temperature, and beam angle.



### Wattage Selectable

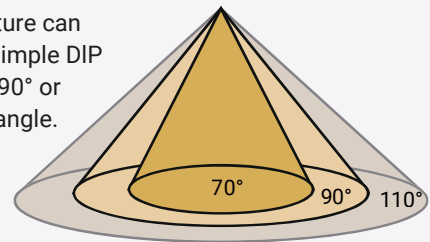
Each model supports 3 positions wattage regulation: 100%, 80%, 60%.

### CCT Selectable

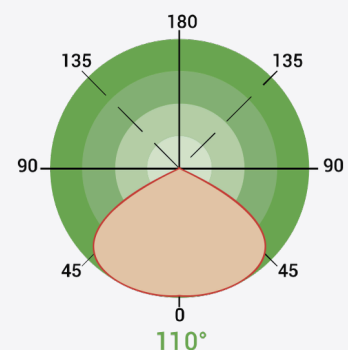
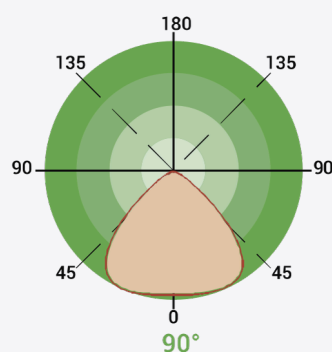
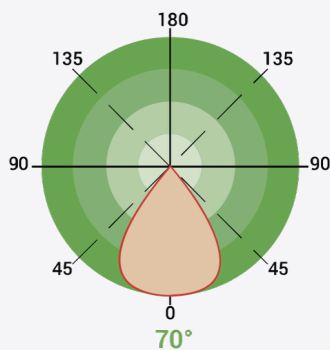
Three color temperatures of 3500K, 4000K and 5000K are selectable.

### Beam Angle Selectable

The beam angle of the fixture can be quickly switched by a simple DIP switch. Choose from 70°, 90° or 110° to control the beam angle.



## PHOTOMETRICS

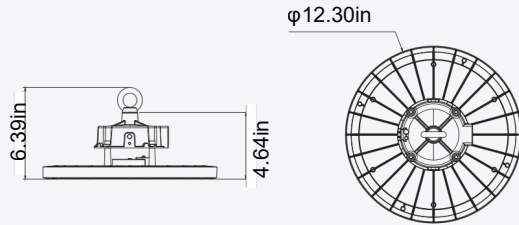




## DIMENSIONS

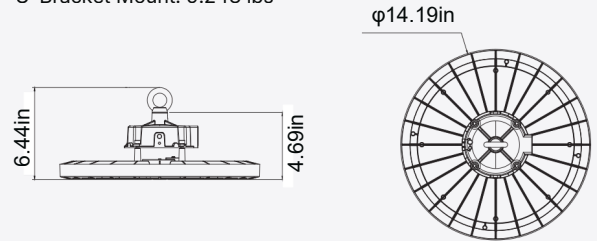
### 24L

Net Weight  
Hanging Ring Mount: 6.243 lbs  
U-Bracket Mount: 7.243 lbs



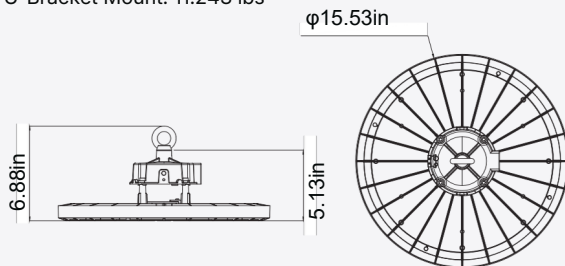
### 32L

Net Weight  
Hanging Ring Mount: 8.243lbs  
U-Bracket Mount: 9.243 lbs



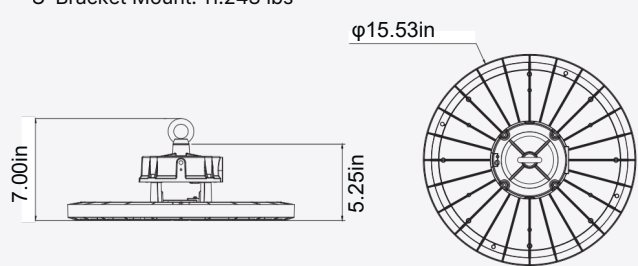
### 41L

Net Weight  
Hanging Ring Mount: 10.243 lbs  
U-Bracket Mount: 11.243 lbs



### 50L

Net Weight  
Hanging Ring Mount: 10.243 lbs  
U-Bracket Mount: 11.243 lbs



## MOUNTING

### Hanging Ring Mount



### Pendant Mount



### U-Bracket Mount





## High Bay Round Elite

### PERFORMANCE DATA

#### LL-HBRE-24L @ 70° / 110° Beam Angle

| Setting | Watts | CRI | 3500K  |     | 4000K  |     | 5000K  |     |
|---------|-------|-----|--------|-----|--------|-----|--------|-----|
|         |       |     | LUMENS | LPW | LUMENS | LPW | LUMENS | LPW |
| LV1     | 150W  | 80  | 21000  | 140 | 23000  | 153 | 22000  | 147 |
| LV2     | 120W  | 80  | 17500  | 146 | 19000  | 158 | 18200  | 152 |
| LV3     | 90W   | 80  | 13600  | 151 | 14800  | 164 | 14000  | 156 |

#### LL-HBRE-24L @ 90° Beam Angle

| Setting | Watts | CRI | 3500K  |     | 4000K  |     | 5000K  |     |
|---------|-------|-----|--------|-----|--------|-----|--------|-----|
|         |       |     | LUMENS | LPW | LUMENS | LPW | LUMENS | LPW |
| LV1     | 150W  | 80  | 22500  | 150 | 24500  | 163 | 24000  | 160 |
| LV2     | 120W  | 80  | 18500  | 154 | 20400  | 170 | 19800  | 165 |
| LV3     | 90W   | 80  | 14500  | 161 | 16000  | 178 | 15300  | 170 |

#### LL-HBRE-32L @ 70° / 110° Beam Angle

| Setting | Watts | CRI | 3500K  |     | 4000K  |     | 5000K  |     |
|---------|-------|-----|--------|-----|--------|-----|--------|-----|
|         |       |     | LUMENS | LPW | LUMENS | LPW | LUMENS | LPW |
| LV1     | 200W  | 80  | 28000  | 140 | 31000  | 155 | 30000  | 150 |
| LV2     | 160W  | 80  | 23000  | 144 | 25600  | 160 | 24800  | 155 |
| LV3     | 120W  | 80  | 18000  | 150 | 19800  | 165 | 19200  | 160 |

#### LL-HBRE-32L @ 90° Beam Angle

| Setting | Watts | CRI | 3500K  |     | 4000K  |     | 5000K  |     |
|---------|-------|-----|--------|-----|--------|-----|--------|-----|
|         |       |     | LUMENS | LPW | LUMENS | LPW | LUMENS | LPW |
| LV1     | 200W  | 80  | 30000  | 150 | 32000  | 160 | 31000  | 155 |
| LV2     | 160W  | 80  | 24800  | 155 | 26400  | 165 | 25600  | 160 |
| LV3     | 120W  | 80  | 19200  | 160 | 20400  | 170 | 19800  | 165 |



## High Bay Round Elite

### PERFORMANCE DATA

#### LL-HBRE-41L @ 70° / 110° Beam Angle

| Setting | Watts | CRI | 3500K  |     | 4000K  |     | 5000K  |     |
|---------|-------|-----|--------|-----|--------|-----|--------|-----|
|         |       |     | LUMENS | LPW | LUMENS | LPW | LUMENS | LPW |
| LV1     | 250W  | 80  | 35000  | 140 | 40000  | 160 | 38000  | 152 |
| LV2     | 200W  | 80  | 29000  | 145 | 33000  | 165 | 31200  | 156 |
| LV3     | 150W  | 80  | 22500  | 150 | 25400  | 169 | 24200  | 161 |

#### LL-HBRE-41L @ 90° Beam Angle

| Setting | Watts | CRI | 3500K  |     | 4000K  |     | 5000K  |     |
|---------|-------|-----|--------|-----|--------|-----|--------|-----|
|         |       |     | LUMENS | LPW | LUMENS | LPW | LUMENS | LPW |
| LV1     | 250W  | 80  | 37500  | 150 | 41000  | 164 | 40000  | 160 |
| LV2     | 200W  | 80  | 31000  | 155 | 33800  | 169 | 33000  | 165 |
| LV3     | 150W  | 80  | 24000  | 160 | 26200  | 175 | 25500  | 170 |

#### LL-HBRE-50L @ 70° / 110° Beam Angle

| Setting | Watts | CRI | 3500K  |     | 4000K  |     | 5000K  |     |
|---------|-------|-----|--------|-----|--------|-----|--------|-----|
|         |       |     | LUMENS | LPW | LUMENS | LPW | LUMENS | LPW |
| LV1     | 300W  | 80  | 43000  | 143 | 48000  | 160 | 46000  | 153 |
| LV2     | 240W  | 80  | 35500  | 148 | 40000  | 167 | 38000  | 158 |
| LV3     | 180W  | 80  | 27500  | 153 | 31500  | 175 | 29500  | 164 |

#### LL-HBRE-50L @ 90° Beam Angle

| Setting | Watts | CRI | 3500K  |     | 4000K  |     | 5000K  |     |
|---------|-------|-----|--------|-----|--------|-----|--------|-----|
|         |       |     | LUMENS | LPW | LUMENS | LPW | LUMENS | LPW |
| LV1     | 300W  | 80  | 45000  | 150 | 50000  | 167 | 48000  | 160 |
| LV2     | 240W  | 80  | 37200  | 155 | 41300  | 172 | 39600  | 165 |
| LV3     | 180W  | 80  | 28800  | 160 | 32000  | 178 | 30600  | 170 |



## ACCESSORIES



**EM25 - Emergency Battery Backup 25W/3500lm**  
\*HBRE-32L\*HBRE-41L\*HBRE-50L\* (120-277V ONLY)



**EM15 - Emergency Battery Backup 15W/20000 lm**  
\*HBRE-24L\* (120-277V ONLY)



**Plug-and-Play PIR Sensor**  
PIR Sensor: ANT-6-4T  
Bluetooth PIR Sensor: ANT-6-4T-BLE-SR / ANT-6-4T-BLE-GE



**Plug-and-Play Microwave Sensor**  
Microwave Sensor: ANT-5-4T



**HBRE-UB**  
U-Bracket Use for Surface Mount



**HBRE-PA**  
Pendant Adapter (M10 - 3/4 NPT)



## High Bay Round Elite

| PROJECT NAME |  |
|--------------|--|
| CATALOG #    |  |
| JOB TYPE     |  |
| PREPARED BY  |  |
| NOTES        |  |

### ORDERING GUIDE

| Brand                            | Fixture Type              | Lumen Package                                                                | Voltage                     |
|----------------------------------|---------------------------|------------------------------------------------------------------------------|-----------------------------|
| LL LITELUME                      | HBRE High Bay Round Elite | 24L 24000 Lumens<br>32L 32000 Lumens<br>41L 41000 Lumens<br>50L 50000 Lumens | UNV 120-277V<br>HV 277-480V |
| CCT                              | Power                     | Distribution                                                                 | Finish                      |
| SCT Selectable Color Temperature | SP Selectable Power       | SD Selectable Distribution                                                   | BK Black                    |

### Accessories

ANT-5-4T Sharkward 12-24V DC 0-10V Plug and Play Microwave Sensor  
ANT-6-4T Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor  
ANT-6-4T-BLE-SR Sharkward Silvrair 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor  
ANT-6-4T-BLE-GE Homewell GEBC 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor  
BRI-WS204-GE Homewell GEBC 4-Button Wireless Wall Switch, Battery Powered, Wall Plate Included  
RC-100 Remote Control 100  
SNV-CS-10-W35J Synapse SNV-CS-10 Combo Sensor Controller, White, 3.5mm Audio  
AC-EFS106-AUX.B1-HBL1-2-W Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & HBL1-2-W Lens LLLC **\*\*Highbay Applications up to 40 Feet\*\***  
AC-EFS106-AUX.B1-HBL3-2-W Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & HBL3-2-W Lens LLLC. **\*\*Highbay Applications up to 50 Feet\*\***  
AC-EFS106-AUX.B1-MBL1-2-W Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & MBL1-2-W Lens LLLC **\*\*Lowbay Applications Below 15 Feet\*\***  
HBRE-PA Pendant Adapter HBRE ( M10 - 3/4 NPT )  
HBRE-UB U-Bracket HBRE  
EM15 Emergency Battery Back Up 15W, 2000 Lumens **\*HBRE-24L\* (120-277V Only)**  
EM25 Emergency Battery Back Up 25W, 3500 Lumens **\*HBRE-32L\*HBRE-41L\*HBRE-50L\* (120-277V Only)**



## High Bay Round Elite

### FIXTURE ORDERING INFORMATION

| Part #                       | Watts              | Lumens            | Kelvin | Voltage | Beam          |
|------------------------------|--------------------|-------------------|--------|---------|---------------|
| LL-HBRE-24L-UNV-SCT-SP-SD-BK | 90W / 120W / 150W  | 16000/20400/24500 | 3 CCT  | 120-277 | 70 / 90 / 110 |
| LL-HBRE-32L-UNV-SCT-SP-SD-BK | 120W / 160W / 200W | 20400/26400/32000 | 3 CCT  | 120-277 | 70 / 90 / 110 |
| LL-HBRE-41L-UNV-SCT-SP-SD-BK | 150W / 200W / 250W | 26200/33800/41000 | 3 CCT  | 120-277 | 70 / 90 / 110 |
| LL-HBRE-50L-UNV-SCT-SP-SD-BK | 180W / 240W / 300W | 32000/41300/50000 | 3 CCT  | 120-277 | 70 / 90 / 110 |
| LL-HBRE-24L-HV-SCT-SP-SD-BK  | 90W / 120W / 150W  | 16000/20400/24500 | 3 CCT  | 277-480 | 70 / 90 / 110 |
| LL-HBRE-32L-HV-SCT-SP-SD-BK  | 120W / 160W / 200W | 20400/26400/32000 | 3 CCT  | 277-480 | 70 / 90 / 110 |
| LL-HBRE-41L-HV-SCT-SP-SD-BK  | 150W / 200W / 250W | 26200/33800/41000 | 3 CCT  | 277-480 | 70 / 90 / 110 |
| LL-HBRE-50L-HV-SCT-SP-SD-BK  | 180W / 240W / 300W | 32000/41300/50000 | 3 CCT  | 277-480 | 70 / 90 / 110 |



## ACCESSORIES ORDERING INFORMATION

| Part #                    | Description                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANT-5-4T                  | Sharkward 12-24V DC 0-10V Plug and Play Microwave Sensor                                                                                                                                |
| ANT-6-4T                  | Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor                                                                                                                                      |
| ANT-6-4T-BLE-SR           | Sharkward Silvair 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor                                                                                                                    |
| ANT-6-4T-BLE-GE           | Homewell GEBC 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor                                                                                                                        |
| BRI-WS204-GE              | Homewell GEBC 4-Button Wireless Wall Switch, Battery Powered, Wall Plate Included                                                                                                       |
| RC-100                    | Remote Control 100                                                                                                                                                                      |
| SNV-CS-10-W35J            | Synapse SNV-CS-10 Combo Sensor Controller, White, 3.5mm Audio                                                                                                                           |
| AC-EFS106-AUX.B1-HBL1-2-W | Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & HBL1-2-W Lens LLLC<br><b>**Highbay Applications up to 40 Feet**</b>  |
| AC-EFS106-AUX.B1-HBL3-2-W | Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & HBL3-2-W Lens LLLC.<br><b>**Highbay Applications up to 50 Feet**</b> |
| AC-EFS106-AUX.B1-MBL1-2-W | Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & MBL1-2-W Lens LLLC<br><b>**Lowbay Applications Below 15 Feet**</b>   |
| HBRE-PA                   | Pendant Adapter HBRE ( M10 - 3/4 NPT )                                                                                                                                                  |
| HBRE-UB                   | U-Bracket HBRE                                                                                                                                                                          |
| EM15                      | Emergency Battery Back Up 15W, 2000 Lumens <b>*HBRE-24L* ( 120-277V Only )</b>                                                                                                          |
| EM25                      | Emergency Battery Back Up 25W, 3500 Lumens<br><b>*HBRE-32L*HBRE-41L*HBRE-50L* ( 120-277V Only )</b>                                                                                     |