

|               |       |
|---------------|-------|
| Catalog#      |       |
| Project:      |       |
| Fixture Type: | Date: |
| Note:         |       |

# LINEAR HIGHBAY GEN 2

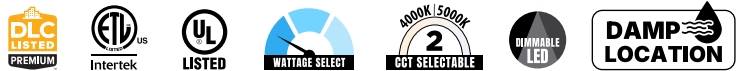
Hit the Tab key or mouse over the page to see all interactive elements.

The Havells Linear Highbay Gen 2 is a high-performance industrial luminaire designed for warehouses, manufacturing units, and large commercial spaces. It offers selectable wattage and CCT options (4000K/5000K), delivering powerful and efficient illumination with up to 50,000 hours of reliable operation.



## FEATURES & BENEFITS

- Selectable CCT & wattage for dry and damp locations
- Motion sensor or Remote EM Pack offered as optional add-ons
- Offers 64,240 lumens in the 440W model for high brightness
- Operating Temperature: -40°C to +50°C



| Model Number                  | Selectable Wattage | System Lumens | Lumens Efficacy |
|-------------------------------|--------------------|---------------|-----------------|
| HL-LHB-MW-MCCT-150W-Gen2      | 110W/130W/150W     | 22,200lm      | 148 lm/W        |
| HL-LHB-MW-MCCT-220W-Gen2      | 180W/200W/220W     | 32,560lm      | 148 lm/W        |
| HL-LHB-MW-MCCT-320W-Gen2      | 280W/300W/320W     | 47,360lm      | 148 lm/W        |
| HL-LHB-MW-MCCT-440W-Gen2      | 380W/400W/440W     | 65,120lm      | 148 lm/W        |
| HL-LHB-MW-MCCT-320W-HV-Gen2** | 280W/300W/320W     | 47,360lm      | 148 lm/W        |
| HL-LHB-MW-MCCT-440W-HV-Gen2** | 380W/400W/440W     | 65,120lm      | 148 lm/W        |

All models feature selectable CCT options: 4000K/5000K  
 \*\* marked SKU is Make to Order

## PRODUCT SUMMARY

**Efficacy**  
148 lm/W

**CCT (Selectable)**  
4000K / 5000K

**CRI**  
>80

**Beam Angle**  
90°

**Input Voltage**  
120-277Vac | 277-480Vac

**Power Factor (PF)**  
0.95

**THD**  
≤10%

**Dimming**  
0-10V Standard

**Operating Temp.**  
-40°C to +50°C

**Warranty**  
5 Years

**Finish**  
White

**Mounting**  
Suspended and Ceiling

**Housing Material**  
Aluminum

**Lens Type**  
Clear Diffuser

## STANDARD ACCESSORIES

- 6 Feet Mountin Chain

## ADDITIONAL ACCESSORIES (SOLD SEPARATELY)

- 20W Remote Emergency Battery Backup (HL-EM-04-01-1), Occupancy Sensor (HL-ANT-6-4R), RC-100 Sensor Remote Control (Remote-HL-ANT-6-4R) and 6 Feet Whip (HL-LHB-6 Feet Whip).

## APPLICATIONS

- Warehouse & Storage, Industrial Facilities, Sports Facilities & Gyms, Manufacturing Facilities, and Retail Centers.

| Default Parameters |       |
|--------------------|-------|
| Wattage            | CCT   |
| 150W               | 5000K |
| 220W               | 5000K |
| 320W               | 5000K |
| 440W               | 5000K |
| 320W-HV            | 5000K |
| 440W-HV            | 5000K |

| DLC PRODUCT INFORMATION       |                  |                       |                |
|-------------------------------|------------------|-----------------------|----------------|
| Order ID                      | DLC Model Number | DLC Source Identifier | Classification |
| HL-LHB-MW-MCCT-150W-Gen2      | In process       | In process            | Premium        |
| HL-LHB-MW-MCCT-220W-Gen2      | In process       | In process            | Premium        |
| HL-LHB-MW-MCCT-320W-Gen2      | In process       | In process            | Premium        |
| HL-LHB-MW-MCCT-440W-Gen2      | In process       | In process            | Premium        |
| HL-LHB-MW-MCCT-320W-HV-Gen2** | In process       | In process            | Premium        |
| HL-LHB-MW-MCCT-440W-HV-Gen2** | In process       | In process            | Premium        |

## PERFORMANCE

| Model Number                  | Wattages       | Input Voltage | 4000K (≥80 CRI) |          | 5000K (≥80 CRI) |          |
|-------------------------------|----------------|---------------|-----------------|----------|-----------------|----------|
|                               |                |               | Lumens          | Efficacy | Lumens          | Efficacy |
| HL-LHB-MW-MCCT-150W-Gen2      | 110W/130W/150W | 120-277Vac    | 21,900lm        | 146 lm/W | 22,200lm        | 148 lm/W |
| HL-LHB-MW-MCCT-220W-Gen2      | 180W/200W/220W | 120-277Vac    | 32,120lm        | 146 lm/W | 32,560lm        | 148 lm/W |
| HL-LHB-MW-MCCT-320W-Gen2      | 280W/300W/320W | 120-277Vac    | 46,720lm        | 146 lm/W | 47,360lm        | 148 lm/W |
| HL-LHB-MW-MCCT-440W-Gen2      | 380W/400W/440W | 120-277Vac    | 64,240lm        | 146 lm/W | 65,120lm        | 148 lm/W |
| HL-LHB-MW-MCCT-320W-HV-Gen2** | 280W/300W/320W | 277-480Vac    | 46,720lm        | 146 lm/W | 47,360lm        | 148 lm/W |
| HL-LHB-MW-MCCT-440W-HV-Gen2** | 380W/400W/440W | 277-480Vac    | 64,240lm        | 146 lm/W | 65,120lm        | 148 lm/W |

\*Lumen and efficacy data are based on the CCT of each higher wattage SKU\*.

## PACKAGING DETAILS

| Model No.                     | Product Dimension (LxWxH) (In) | Case Qty (units) | Case Dimension (LxWxH) (In) | Net Weight Product (lbs) | Gross Weight with Packaging (lbs) | Pallet Load |
|-------------------------------|--------------------------------|------------------|-----------------------------|--------------------------|-----------------------------------|-------------|
| HL-LHB-MW-MCCT-150W-Gen2      | 14.17x11.02x1.89               | 1                | 14.96x11.81x3.35            | 4.62                     | 5.95                              | -           |
| HL-LHB-MW-MCCT-220W-Gen2      | 18.11x11.81x1.89               | 1                | 18.90x12.60x3.35            | 5.73                     | 7.5                               | -           |
| HL-LHB-MW-MCCT-320W-Gen2      | 23.03x12.60x1.89               | 1                | 23.82x13.39x2.95            | 7.93                     | 10.14                             | -           |
| HL-LHB-MW-MCCT-440W-Gen2      | 46.06x12.60x1.89               | 1                | 46.85x13.38x3.35            | 15.84                    | 18.48                             | -           |
| HL-LHB-MW-MCCT-320W-HV-Gen2** | 23.03x12.60x1.89               | 1                | 23.82x13.39x2.95            | 7.93                     | 10.14                             | -           |
| HL-LHB-MW-MCCT-440W-HV-Gen2** | 46.06x12.60x1.89               | 1                | 46.85x13.38x3.35            | 15.84                    | 18.48                             | -           |

\*\* marked SKU is available from Make to Order

## ADDITIONAL ACCESSORIES (SOLD SEPARATELY)



**Remote Emergency Battery Backup**  
(HL-EM-04-01-1)



**Motion Sensor**  
(HL-ANT-6-4R)



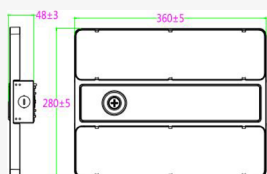
**RC-100 Sensor Remote Control**  
(Remote-HL-ANT-6-4R)



**6 Feet Whip**  
(HL-LHB-6 Feet Whip)

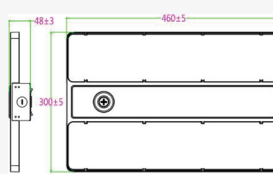
# DIMENSIONS

**SELECTABLE WATTAGE & CCT: 150W**



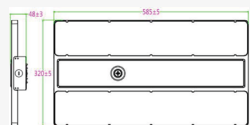
| Length (L) | Width (W) | Height (H) |
|------------|-----------|------------|
| 14.0 inch  | 11.0 Inch | 1.8 Inch   |

**SELECTABLE WATTAGE & CCT: 220W**



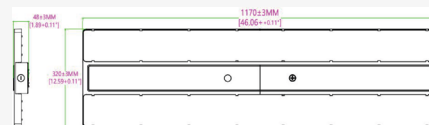
| Length (L) | Width (W) | Height (H) |
|------------|-----------|------------|
| 18.0 inch  | 12.0 Inch | 1.8 Inch   |

**WATTAGE: 320W-5K/320W-HV**



| Length (L) | Width (W) | Height (H) |
|------------|-----------|------------|
| 23.0 inch  | 12.5 Inch | 1.8 Inch   |

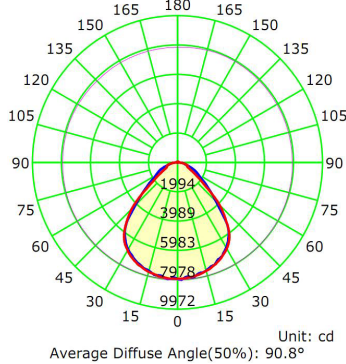
**WATTAGE: 440W-5K/440W-HV**



| Length (L) | Width (W)  | Height (H) |
|------------|------------|------------|
| 46.06 inch | 12.59 Inch | 1.8 Inch   |

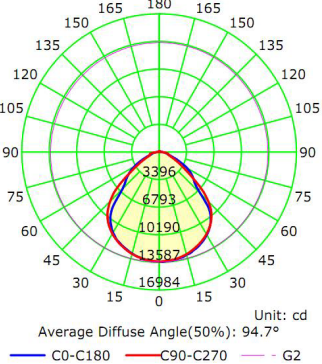
# Photometric Result

Luminous Intensity Distribution Curve



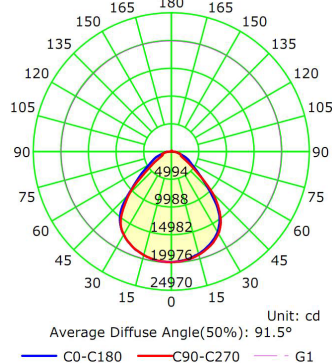
**150W**

Luminous Intensity Distribution Curve



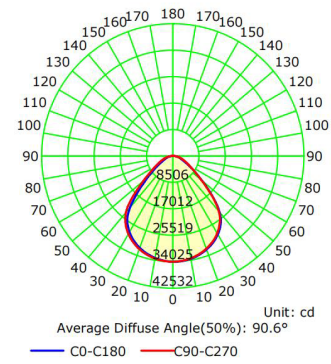
**220W**

Luminous Intensity Distribution Curve



**320W**

Luminous Intensity Distribution Curve



**440W**