

Catalog#	
Project:	
Fixture Type:	Date:
Note:	

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

LINEAR HIGHBAY GEN 2

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)

≥0.9

THD

≤20%

IK Rating

06

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 Mounting Chain

ADDITIONAL ACCESSORIES (SOLD SEPARATELY)

- Remote Emergency Battery Backup (HL-EM-04-01-1), Motion Sensor (HL-ANT-6-4R), HB03R 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

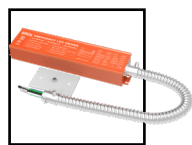
Lumen and efficacy data are based on the CCT of each higher wattage SKU.

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	23.82x13.39x3.35	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	23.82x13.39x3.35	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)

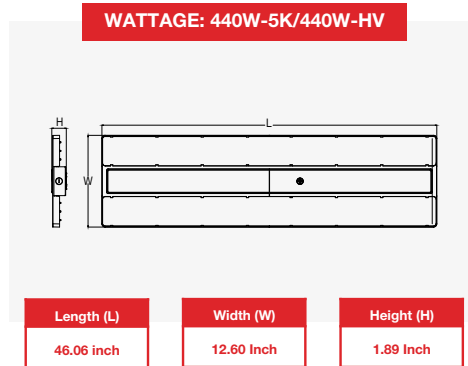
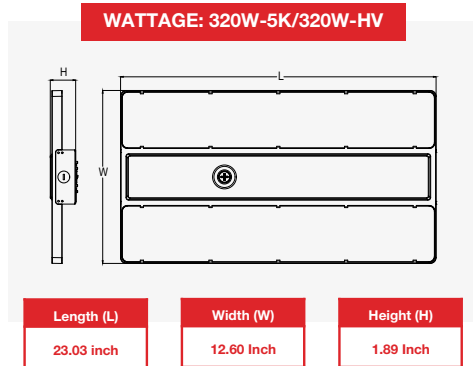
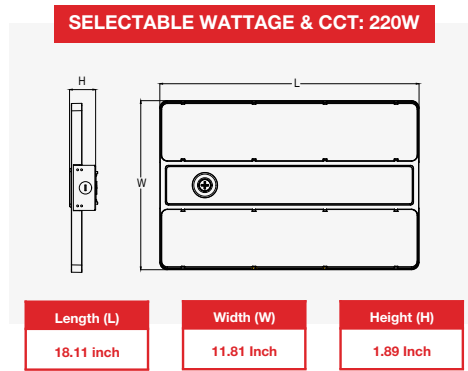
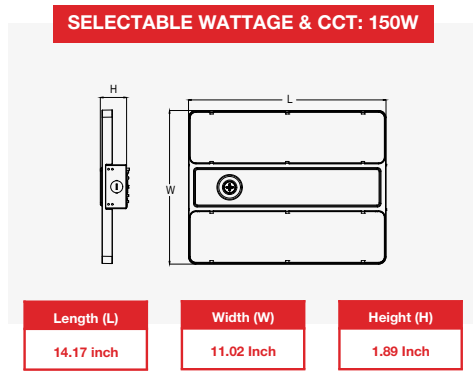


HB03R Sensor Remote Control
(Remote-HL-ANT-6-4R)

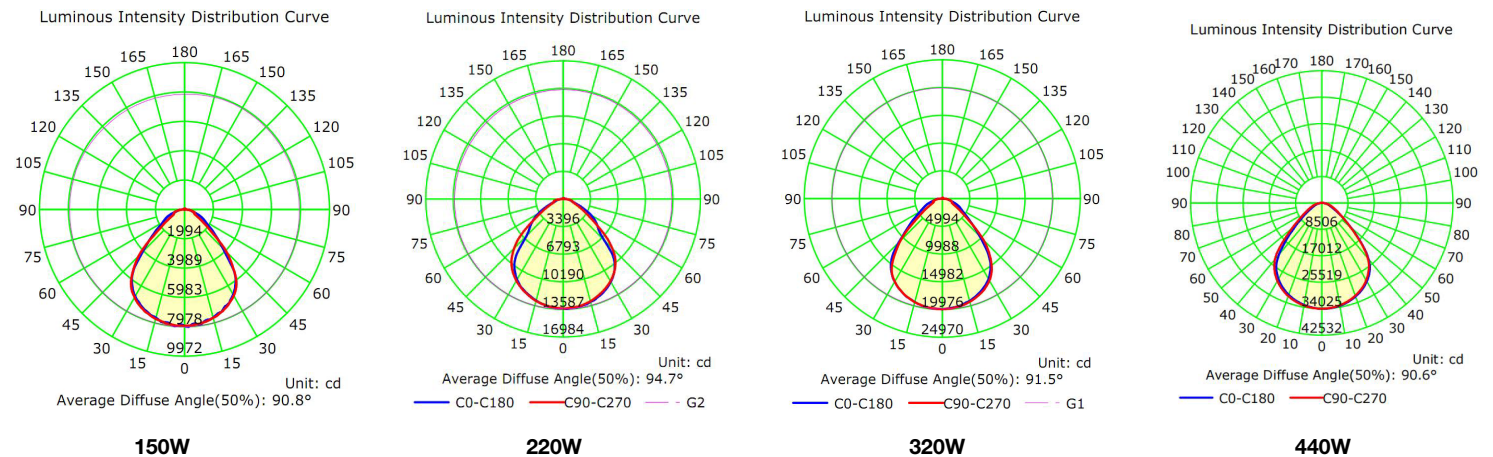


6 Feet Whip
(HL-LHB-6 Feet Whip)

DIMENSIONS



PHOTOMETRIC RESULT



V0.6

Last Updated: August 12 2026 06:50 PM