

FLEXI

LINEAR HIGHBAY

Catalog#	
Project:	
Fixture Type:	Date:
Note:	

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

Flexi Linear Highbay delivers ultimate versatility for industrial and commercial environments. This All-in-one fixture allows you to customize wattage, color temperature, and beam angles on-site. It slashes inventory needs while providing precision illumination for warehouses, manufacturing facilities, and retail hubs.

FEATURES & BENEFITS

- Delivers high efficacy in 320W light providing up to 48,000lm
- Fully selectable output, color temperature and beam angle
- Supports dimming for enhanced control
- Operates from -40°C to +50°C



SELECTABLE
BEAM



BEAM SELECTABLE: 45°x100° / 65°x95° / 90°x90°

Change Beam Distribution Patterns with a switch

Model Number	Selectable Wattage	System Lumens	Lumens Efficacy
HL-LHB-MW-MCCT-ML3-160W**	110W/130W/160W	25,400lm	162 lm/W
HL-LHB-MW-MCCT-ML3-240W	165W/215W/240W	38,000lm	172 lm/W
HL-LHB-MW-MCCT-ML3-320W**	220W/270W/320W	48,500lm	165 lm/W
HL-LHB-MW-MCCT-ML3-320W-HV**	220W/270W/320W	48,500lm	165 lm/W

All models feature selectable CCT options: 3500K/4000K/5000K

** marked SKU is Make to Order

PRODUCT SUMMARY

Efficacy

150 lm/W

CCT (Selectable)

3500K/4000K/5000K

CRI

>80

Beam Angle (Selectable)

45°x100° / 65°x95° / 90°x90°

Input Voltage

120-347 Vac | 277-480 Vac

Power Factor (PF)

≥ 0.9

THD

≤20%

IK Rating

09

Dimming

0-10V Dimming

Operating Temp.

-40°C to +50°C

Warranty

5 Years

Finish

White

Mounting

Suspended / Hanging Mount

Housing Material

Aluminum + Iron

Lens Type

PC

STANDARD ACCESSORIES

- 6 Feet Mounting Chain.

ADDITIONAL ACCESSORIES (SOLD SEPARATELY)

- Remote Emergency Battery Backup (HL-EM-03-01-1), Motion Sensor (HL-ANT-6-4H) and RC-100 Sensor Remote Control (Remote-HL-ANT-6-4R).

APPLICATIONS

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

Default Parameters	
Wattage	CCT
160W**	5000K
240W	5000K
320W**	5000K
320W-HV**	5000K

DLC PRODUCT INFORMATION			
Order ID	DLC Model Number	DLC Source Identifier	Classification
HL-LHB-MW-MCCT-ML3-160W**	In process	In process	Premium
HL-LHB-MW-MCCT-ML3-240W	In process	In process	Premium
HL-LHB-MW-MCCT-ML3-320W**	In process	In process	Premium
HL-LHB-MW-MCCT-ML3-320W-HV**	In process	In process	Premium

PERFORMANCE

			3500K (>80 CRI)		4000K (>80 CRI)		5000K (>80 CRI)		
Model Number	Selectable Wattages	Distribution	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Input Voltage
HL-LHB-MW-MCCT-ML3-160W**	110W/130W/160W	45°×100°	22,000lm	139 lm/W	22,800lm	148 lm/W	21,800lm	136 lm/W	120-347 Vac
		65°×95°	23,400lm	154 lm/W	24,200lm	163 lm/W	24,100lm	157 lm/W	
		90°×90°	22,800lm	144 lm/W	24,000lm	157 lm/W	23,600lm	147 lm/W	
HL-LHB-MW-MCCT-ML3-240W	165W/215W/240W	45°×100°	35,100lm	148 lm/W	36,100lm	156 lm/W	34,800lm	146 lm/W	120-347 Vac
		65°×95°	36,400lm	161 lm/W	38,000lm	172 lm/W	36,300lm	159 lm/W	
		90°×90°	35,800lm	149 lm/W	36,200lm	157 lm/W	35,400lm	146 lm/W	
HL-LHB-MW-MCCT-ML3-320W**	220W/270W/320W	45°×100°	45,000lm	142 lm/W	46,300lm	151 lm/W	44,300lm	137 lm/W	120-347 Vac
		65°×95°	47,700lm	157 lm/W	48,500lm	165 lm/W	47,300lm	155 lm/W	
		90°×90°	45,500lm	144 lm/W	48,000lm	154 lm/W	45,400lm	141 lm/W	
HL-LHB-MW-MCCT-ML3-320W-HV**	220W/270W/320W	45°×100°	45,000lm	142 lm/W	46,300lm	151 lm/W	44,300lm	137 lm/W	277-480 Vac
		65°×95°	47,700lm	157 lm/W	48,500lm	165 lm/W	47,300lm	155 lm/W	
		90°×90°	45,500lm	144 lm/W	48,000lm	154 lm/W	45,400lm	141 lm/W	

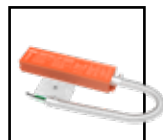
*Lumen and efficacy data are based on the CCT of each higher wattage SKU

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-ML3-165W**	15.0x11.0x1.89	1	15.8x12x3.15	5.5	7.04	-
HL-LHB-MW-MCCT-ML3-240W	20.0x11.0x 1.89	1	20.9x12x3.15	7.26	9.24	-
HL-LHB-MW-MCCT-ML3-320W**	22.0x12.1x1.89	1	22.8x13.2x3.15	8.8	10.78	-
HL-LHB-MW-MCCT-ML3-320W-HV**	22.0x12.1x1.89	1	22.8x13.2x3.15	8.8	10.78	-

** marked SKU is available from Make to Order

ADDITIONAL ACCESSORIES (SOLD SEPARATELY)



**Remote
Emergency Battery Backup**
(HL-EM-03-01-1)



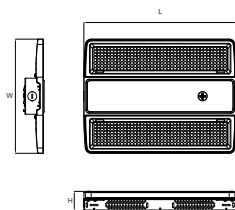
**Motion
Sensor**
(HL-ANT-6-4H)



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

DIMENSIONS

SELECTABLE WATTAGE & CCT: 160W



Length (L)

15.0 inch

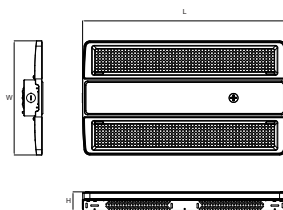
Width (W)

11.0 Inch

Height (H)

1.8 Inch

SELECTABLE WATTAGE & CCT: 240W



Length (L)

20.0 inch

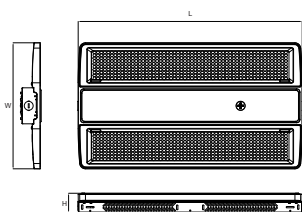
Width (W)

11.0 Inch

Height (H)

1.8 Inch

SELECTABLE WATTAGE & CCT: 320W**



Length (L)

22.0 inch

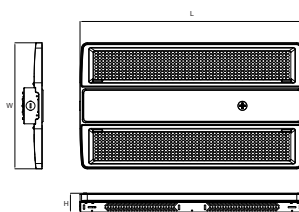
Width (W)

12.1 Inch

Height (H)

1.8 Inch

SELECTABLE WATTAGE & CCT: 320W-HV**



Length (L)

22.0 inch

Width (W)

12.1 Inch

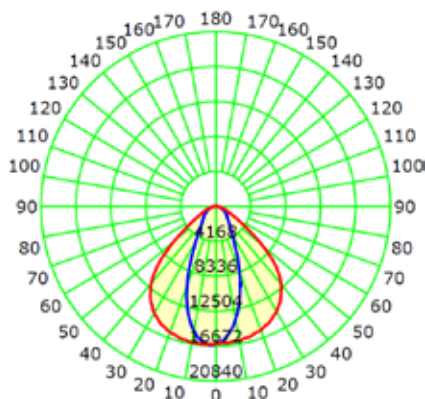
Height (H)

1.8 Inch

PHOTOMETRIC RESULT

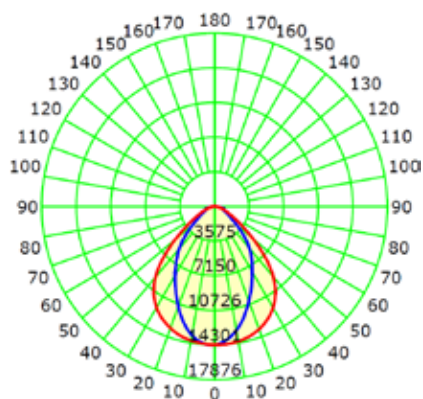
45°x100° (160W)

Luminous Intensity Distribution Curve



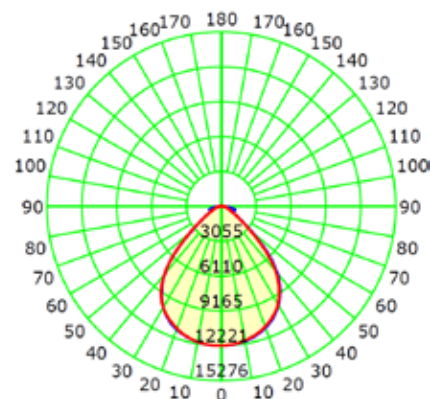
65°x95° (160W)

Luminous Intensity Distribution Curve



90°x90° (160W)

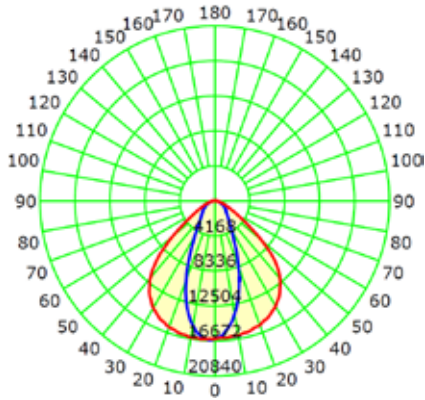
Luminous Intensity Distribution Curve



PHOTOMETRIC RESULT

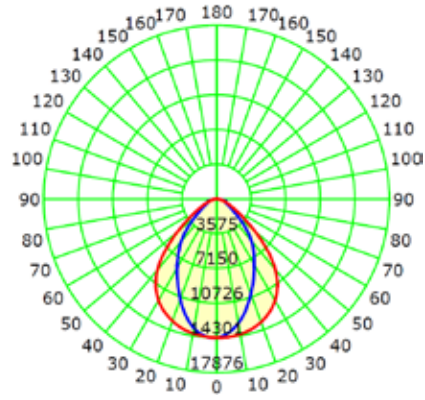
45°x100° (240W)

Luminous Intensity Distribution Curve



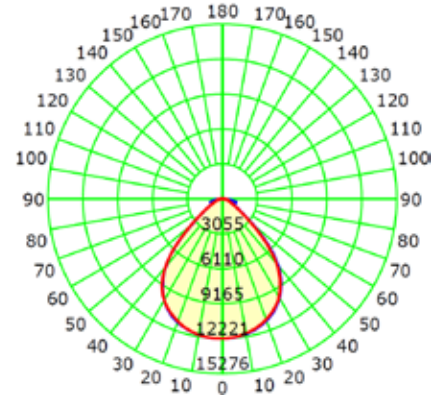
65°x95° (240W)

Luminous Intensity Distribution Curve



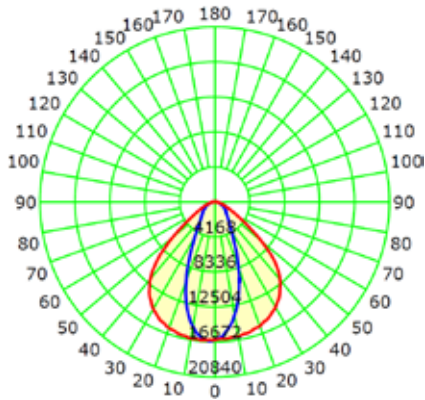
90°x90° (240W)

Luminous Intensity Distribution Curve



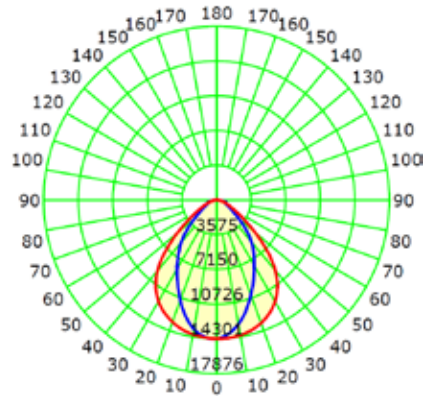
45°x100° (320W)

Luminous Intensity Distribution Curve



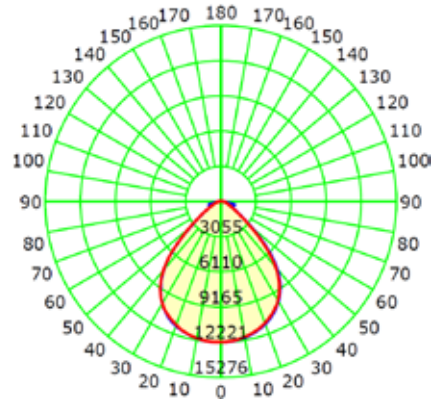
65°x95° (320W)

Luminous Intensity Distribution Curve



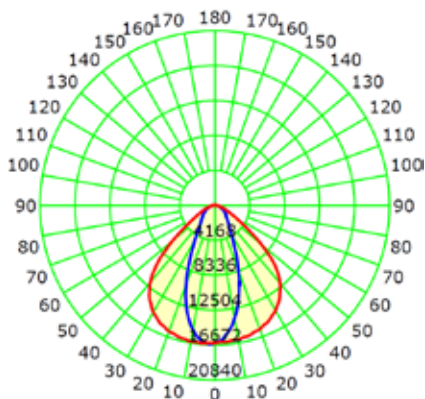
90°x90° (320W)

Luminous Intensity Distribution Curve



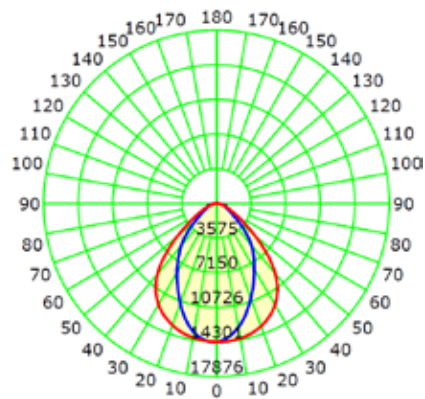
45°x100° (320W-HV)

Luminous Intensity Distribution Curve



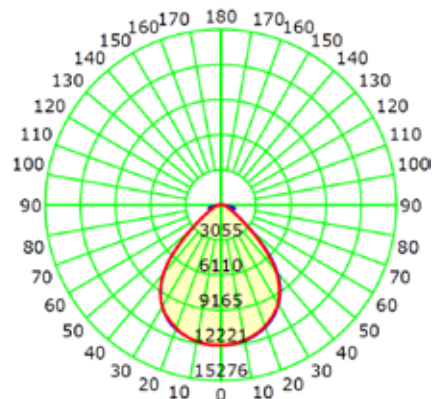
65°x95° (320W-HV)

Luminous Intensity Distribution Curve



90°x90° (320W-HV)

Luminous Intensity Distribution Curve



V0.8

Last Updated: October 03, 2026 03:00 PM