

HBL SERIES

High Bay Linear LED Light Fixture

Ushio America's HBL series is the ideal solution for LED linear high bay lighting applications. These HBL linear high bays are extremely durable, yet lightweight and they're available in a variety of wattages for many different mounting heights.

These fixtures are excellent for new construction or as an energy saving replacement solution.

A mounting chain with lock link is included for mounting. A yoke mount is also available for surface and pendant mounting at an additional cost. Optional PIR occupancy sensors are easy to install on these fixtures and are also available at an additional cost.

All HBL series fixtures operate on universal voltage (100-277V) with popular color temperatures (5000K and 4000K). Available in 100W, 150W, 210W and 300W, these LED fixtures come with Ushio's premium 5-year limited warranty.



FEATURES & BENEFITS:

- Energy Saving
- DLC Premium Qualified
- UL Damp Location Rated
- Glare Reduction
- Operating Temperature: -22° F to 120° F
- Dimmable (0-10V)
- Photocell and Motion Sensor Compatible
- Long Life: 50,000 Hours
- 5-Year Limited Warranty



Damp Location
Rated



Dimmable

APPLICATIONS:

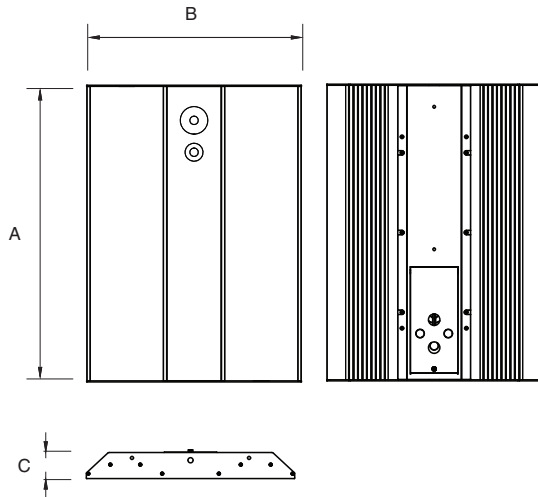
- Warehouses
- Factories
- Offices
- Hotels
- Convention Centers

Qualifications:

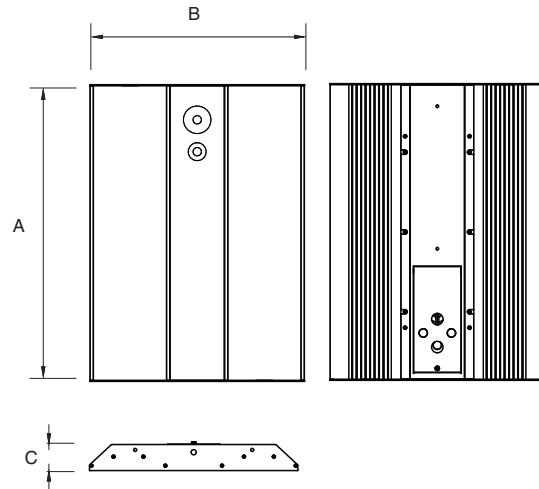


SPECIFICATIONS

16" x 22"



16" x 44"



Dimensions	A	B	C	Weight (lbs)
16" x 22"	22 in	16 in	2.19 in	6.61
16" x 44"	44 in	16 in	2.19 in	16.53

Watts (W)	Ordering Code	Description	Color Temp (K)	Lumens (lm)	Beam Angle	CRI	Rated Life (h)	Finish
100	1004671	● ● ● 100HBL/22FR/840	4000	13,000	Type 5	80	50,000	White
100	1004672	● ● ● 100HBL/22FR/850	5000	13,000	Type 5	80	50,000	White
150	1004673	● ● ● 150HBL/22FR/840	4000	19,500	Type 5	80	50,000	White
150	1004674	● ● ● 150HBL/22FR/850	5000	19,500	Type 5	80	50,000	White
210	1004675	● ● ● 210HBL/44FR/840	4000	27,300	Type 5	80	50,000	White
210	1004676	● ● ● 210HBL/44FR/850	5000	27,300	Type 5	80	50,000	White
300	1004677	● ● ● 300HBL/44FR/840	5000	39,000	Type 5	80	50,000	White
300	1004678	● ● ● 300HBL/44FR/850	5000	39,000	Type 5	80	50,000	White

● UL Damp Location ● DLC Premium Qualified ● Title 24

Mounting Options



Yoke Mount for Pendant*



Yoke Mount for Surface Mount



Chain Hanger (Included)

*Mount may be used with existing 3/4 NPT Pendant. Rigid Pole is not included.

Accessories (Sold Separately)

Yoke Mount

- 1004696 = MT-YK-HBL22 (Yoke Mount with 3/4" NPT / HBL).
- 1004697 = MT-YK-HBL44 (Yoke Mount with 3/4" NPT / HBL).

Yoke mount can be used with existing 3/4 NPT rigid pole.



Wireguard

- 1004698 = WG-HBL22/WH (Wireguard).
- 1004699 = WG-HBL44/WH (Wireguard).



Battery

- 1004688 = BAEM8.4-60/MV-B (LED Fixture Emergency Driver 120-277V).

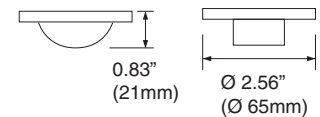


Aisle Lens

- 1004700 = SEN-LOS-509-SFG (Motion/Photocell On-Off Internal 100-277V Aisle Lens).
- 1004701 = SEN-LOS-500-SFG (Motion/Photocell 0-10V Internal 100-277V Aisle Lens).



Aisle G Lens					
Mounting Height	ft. (m)	10 (3.0)	20 (6.0)	30 (9.0)	40 (12.0)
Max. Coverage Length x Width	ft. (m)	30 x 3.3 (9.0 x 1)	60 x 6.5 (18.0 x 2)	90 x 10 (27.0 x 3)	120 x 13 (36.0 x 4)

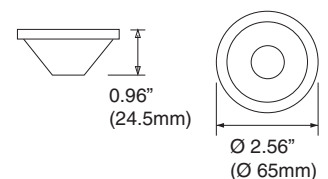


Area Lens

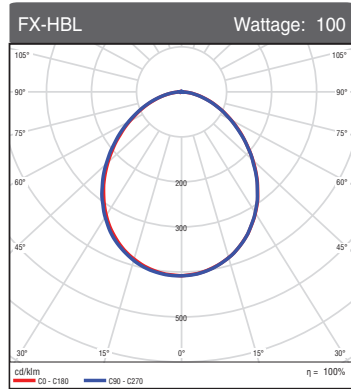
- 1004703 = SEN-LOS-509-SFC (Motion/Photocell On-Off Internal 100-277V Area Lens).
- 1004704 = SEN-LOS-500-SFC (Motion/Photocell 0-10V Internal 100-277V Area Lens).



Area C Lens					
Mounting Height	ft. (m)	15 (4.5)	20 (6.0)	26 (8.0)	30 (9.0)
Max. Coverage Diameter	ft. (m)	45 (13.5)	60 (18.0)	78 (24.0)	90 (27.0)



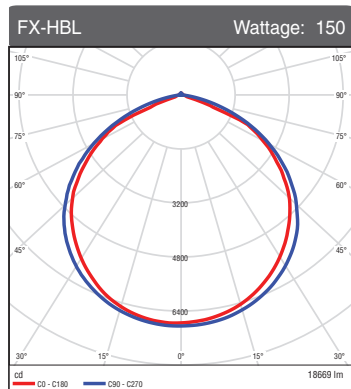
PHOTOMETRICS CHART



Zonal Lumen Summary

Zone	Lumens	Luminaire
0-30	3682.46	28.60%
0-40	6060.87	47.00%
0-60	10730.16	83.30%
60-80	1947.58	15.10%
70-80	457.32	3.50%
90-120	55.85	0.40%
90-180	145.56	1.10%
0-180	12886.9	100.00%

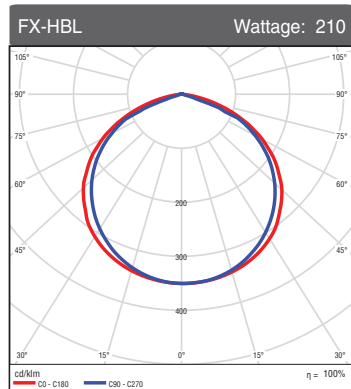
Total Luminaire Efficiency = 100.00%



Zonal Lumen Summary

Zone	Lumens	Luminaire
0-30	5323.2	28.50%
0-40	8768.94	47.00%
0-60	15541.3	83.20%
60-80	2825.03	15.10%
70-80	657.08	3.50%
90-120	80.91	0.40%
90-180	210.97	1.10%
0-180	18669.14	100.00%

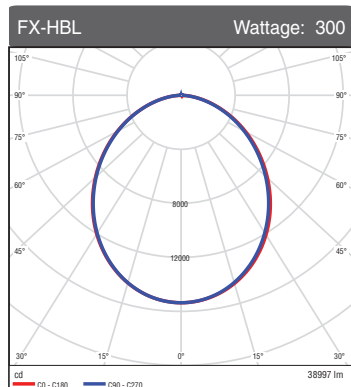
Total Luminaire Efficiency = 100.00%



Zonal Lumen Summary

Zone	Lumens	Luminaire
0-30	7629.62	27.70%
0-40	12637.7	45.90%
0-60	22721.83	82.40%
0-80	27413.4	99.50%
60-80	4691.56	17.00%
70-80	1220.00	4.40%
90-120	6.53	0.00%
90-180	23.05	0.10%
0-180	27561.08	100.00%

Total Luminaire Efficiency = 100.00%



Zonal Lumen Summary

Zone	Lumens	Luminaire
0-30	11595.09	N.A.
0-40	18623.63	N.A.
0-60	31566.7	N.A.
60-80	6741.27	N.A.
70-80	2396.45	N.A.
90-120	27.89	N.A.
90-180	72.53	N.A.
0-180	38999.23	N.A.

Total Luminaire Efficiency = 100.00%